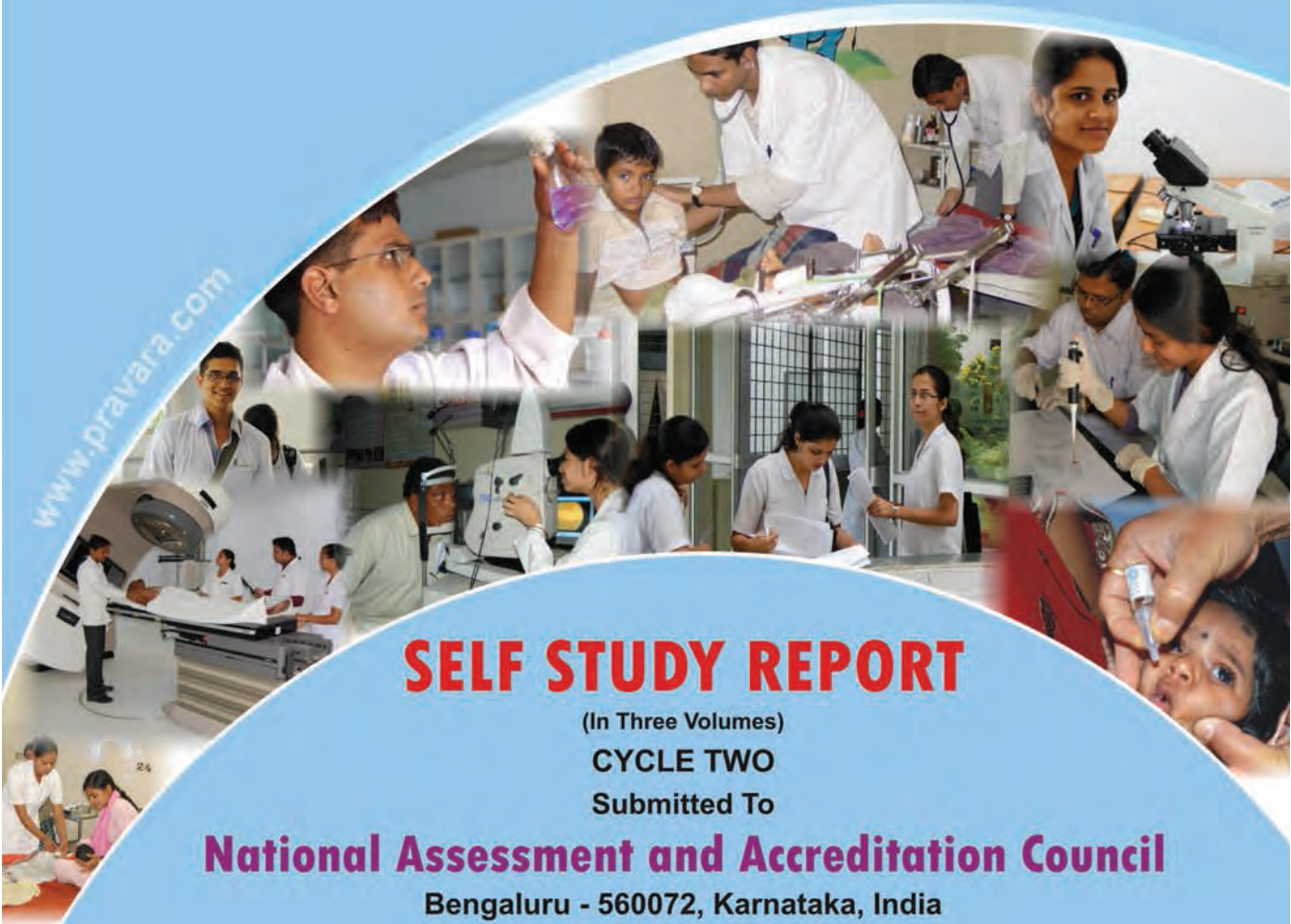




# Pravara Institute of Medical Sciences (Deemed University)

Established under section 3 of UGC Act 1956

vide Govt. of India notification no. F-9-11/2003-U.O.3. dated 29th September 2003  
Loni Bk.-413736, Tal. Rahata, Dist. Ahmednagar, Maharashtra (India)



## SELF STUDY REPORT

(In Three Volumes)

CYCLE TWO

Submitted To

**National Assessment and Accreditation Council**

Bengaluru - 560072, Karnataka, India

**Volume - I**

**September 2016**





# *Tribute to the Rare Visionary*



## **Revered Padmashri Dr. Vitthalrao Vikhe Patil**

(29 August 1901 - 27 April 1980)

**Founder of First Co-operative Sugar Factory in Asia,  
Pravara Medical Trust &  
Pravara Movement in Health, Education &  
Inclusive Rural Development**

During the time that were barren and the turfs that  
were rough  
You emerged among the masses and lead from the  
front ....

Socio-economic empowerment of the downtrodden,  
You took it as your mission....

Untiring efforts and unflinching spirits with  
What you founded for that Pravara stands today....

The path that was uncharted,  
You walked all along stands sanctified....

Your legend now stands glorified across the  
frontiers  
And beyond the oceanic blues....

In each of our endeavors you inspire us and it is  
your blessings  
That keeps us on path, ever in pursuit of newer  
horizons....

We stand in all our humility and  
Pay our rich tribute to a rare visionary in you....

"Ten years of growth since this was first started, has not only shown marked growth but has begun to change the countryside. I would like people from other states to come here and see how a real co-operative is Organised and run. This is an example for all India."

**Jawaharlal Nehru**  
15<sup>th</sup> May 1961

*Social Justice Leads To Sustainable Development.....*





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## SELF STUDY REPORT

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CYCLE TWO

Volume - I

**Preface and Introduction**  
**Executive Summary**  
**Profile of the University**  
**Criteria wise Analytical Report**

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September 2016







**PRAVARA INSTITUTE OF MEDICAL SCIENCES (DEEMED UNIVERSITY)**

Loni-413736, Tal. Rahata, Dist. Ahmednagar (Maharashtra)

# **SELF STUDY REPORT**

(In Three Volumes)

Cycle – 2

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# *Preface & Introduction*



**Pravara Institute of Medical Sciences  
(Deemed University)**





**Pravara Institute of Medical Sciences**  
(Deemed University)  
*Ninth Convocation*  
10<sup>th</sup> March, 2015

Chief Guest  
**Hon'ble Dr. Vijay Bhatkar**  
Padma Bhushan Awardee, Chairman, Board of Governors, IIT-Delhi & E.T.H Research Lab., Pune.  
Founder Chancellor, Multiversity

Honorary D.Sc. Degree (Honoris Causa) Awardee  
**Hon'ble Shri. Ganpatrao Annasaheb Deshmukh**  
Member, Maharashtra Legislative Assembly

Guests of Honour  
**Hon'ble Dr. Balasaheb Vikhe Patil**  
Padma Bhushan Awardee, President-PIMS  
**Hon'ble Shri. Radhakrishna Vikhe Patil**  
Leader of the Opposition, Maharashtra Legislative Assembly

Presided over by  
**Hon'ble Dr. Vijay Kelkar**  
Chancellor, Pravara Institute of Medical Sciences (DU)

**Shri. Rajendra Vikhe Patil**  
Chief Executive

**Dr. S. D. Dalvi**  
Vice-Chancellor



**PRAVARA INSTITUTE OF MEDICAL SCIENCES  
(DEEMED UNIVERSITY)**

Loni-413736, Tal. Rahata, Dist. Ahmednagar (Maharashtra)

**Preface & Introduction**

**The Beginning:**

**Pravara Medical Trust** was established in 1972 by the rare visionary, most revered and respected, Padmashri Awardee, Dr. Vitthalrao Vikhe Patil, founder of first co-operative sugar factory in Asia, in 1948, at Loni – a remote village of Maharashtra, a feat appreciated by **Pandit Jawaharlal Nehru**, the then Prime Minister of India. He also initiated and led Pravara cooperative movement for inclusive-holistic rural development, education and health care. The functional and realistic model of integrated, participative, sustainable rural development as well as comprehensive holistic health care and education, successfully launched by the rare visionary and ambassador of socioeconomic change, is popularly known as “**Pravara –Loni model of PURA**”, commended by **Dr. APJ Abdul Kalam**, the then President of India.

**The Background:**

**Dr. Vitthalrao Vikhe Patil**, a farmer of Loni, a draught prone backward village of Maharashtra, realized the importance of integrated rural development to solve the problems of illiteracy, poverty, hunger, unemployment, social inequality, economic exploitation, poor public and personnel health, shelter, clothing and basic amenities in rural areas, which were the real challenges before a young independent India in 1947. The rare visionary was with full of ideas, courage and determination to address these issues head on directly. He initiated the revolutionary cooperative movement of farmers to achieve the impossible – “integrated holistic sustainable rural development”. He aimed at realizing “Gram Swaraj” in true letter and spirit. The cooperative movement of farmers led by him, aimed at the issues of agriculture, livestock development and agrobased industry (1948), primary, secondary and collegiate education (1964) and cooperative banking (1972). All these initiatives started transforming the draught prone backward village towards the path of integrated sustainable rural development – social, political, economical. This realistic cooperative model was appreciated by one and all, across the nation.

In order to address the issues of comprehensive rural health care, he established the **Pravara Medical Trust in 1972, Pravara Rural Hospital in 1976** at Loni and several rural health centres.

For this illustrious social work and sacrifice, Government of India honoured him with the award of “**Padmashri**” in 1962. Pune University conferred on him the honorary D.Lit in 1978 and established a Chair in his name to undertake research in rural development (1981). Mahatma Phule Krishi Vidyapeeth conferred on him the honorary D.Sc. in 1979.

Film Division of India presented a documentary film on his achievement entitled “Shoulder to Shoulder” in 1953. Veteran Girish Karnad has directed a documentary “Sweet Revolution” in 1986, based on his accomplishments. Shri Rajamangal Vedekar and Shri. Shivajirao Sawant have written biographic books (1977/1985) on the life and mission of this illustrious leader. We offer our tributes to this rare visionary.





**The Milestones And Direction of Journey of Pravara-Loni Model of Integrated Rural Development And Comprehensive Rural Health Care**

<p>An innovative idea and realistic model conceived and practiced by Most-Revered  <b>Padmashri Dr. Vitthalrao Vikhe Patil</b>                  *                  Further Developed and Nurtured by Padmabushan awardee, Parliamentarian (8 times),                  Statesman (Former Union Minister), Social Worker and Visionary Leader  <b>Dr. Balasaheb Vikhe Patil</b>                  Who is continuing to guide and monitor the movement</p>							
<b>1948</b>	<p><b>Agriculture Co-operative movement for:</b></p> <ul style="list-style-type: none"> <li>• Awareness, sensitization, training, marketing, and socio economic empowerment of farmers in agriculture sector.</li> <li>• Initiation, Innovative methods, Soil Conservation, Cropping pattern</li> </ul>						
<b>1948</b>	<p><b>Live Stock Development</b></p> <ul style="list-style-type: none"> <li>• Training on Cattle/ animal breeding, animal products and by products as well as their marketing.</li> <li>• Animal Husbandry and its integration with agriculture and family economy as well as village development</li> </ul>						
<b>1948</b>	<p><b>Agrobased Industry</b></p> <ul style="list-style-type: none"> <li>• Establishment of Pravara Co-operative Sugar Factory at Loni (1<sup>st</sup> Co-operative sugar factory in Asia) – farmers as owners and beneficiaries</li> <li>• Involvement of small and marginal farmers – agro process –production - agri marketing</li> </ul>						
<b>1948</b>	<p><b>Social Development</b></p> <ul style="list-style-type: none"> <li>• Establishment of Co-operative Societies, Forums, NGOs for socio-economic development, team building, networking and rural development.</li> </ul>						
<b>1964</b>	<p><b>Education, Training, Employment and Empowerment:</b>                  (Primary, secondary, higher, technical, professional)</p> <ul style="list-style-type: none"> <li>• Pravara Rural Education Society (1964)</li> <li>• Pravara Public School (1964); Pravara Kanya Vidya Mandir (1969)</li> <li>• Padmashree Vikhe Patil College of Arts, Science &amp; Commerce (1971) and many more...</li> </ul> <p>A total of 105 educational institutions in Art, Commerce, Science, Engineering, Technology, Pharmacy, Management, Agriculture, Biotech, Aviation, Architecture, primary, secondary and higher secondary education</p>						
<b>1972</b>	<p><b>Co-operative Banking – Economic Development</b>                  Establishment of Co-operative Banks - Pravara Co-operative Bank (Scheduled) – 31 branches</p>						
<b>1972</b>	<p><b>Comprehensive Integrated Health Care and Education in Rural Area:</b>  <b>Pravara Medical Trust (1972):</b>                  Pravara Rural Hospital (1976)                  Multi-speciality tertiary health care system – hospital, rural OPDs, UHTC, RHTC, THC mobile clinics, gram arogya banks, arogya mitra, first aid clinics, e-health tele-health centres, multi-diagnostic &amp; treatment camps, extension activities covering 234 villages.</p>						
<b>1984</b>	<p><b>Speciality UG-PG professional health science education</b> - in medical, dental, physiotherapy, nursing, biotechnology, social medicine</p> <table border="1"> <tr> <td>• Rural Medical College (1984)</td> <td>• Rural Dental College (1989)</td> </tr> <tr> <td>• College of Physiotherapy (1997)</td> <td>• College of Nursing (1998)</td> </tr> <tr> <td>• Center for Social Medicine (2001)</td> <td>• Center for Biotechnology ( 2001)</td> </tr> </table>	• Rural Medical College (1984)	• Rural Dental College (1989)	• College of Physiotherapy (1997)	• College of Nursing (1998)	• Center for Social Medicine (2001)	• Center for Biotechnology ( 2001)
• Rural Medical College (1984)	• Rural Dental College (1989)						
• College of Physiotherapy (1997)	• College of Nursing (1998)						
• Center for Social Medicine (2001)	• Center for Biotechnology ( 2001)						
<b>2003</b>	<p><b>Pravara Institute of Medical Sciences- Deemed University.</b></p>						
<p><b>Pravara operative model “PURA” in a remote village of India</b></p>							



### **Development, Consolidation and Expansion of Cooperative Movement:**

The mission and ideas of this great visionary was further developed and nurtured by his son **Dr. Balasaheb Vikhe Patil**, Padmabhushan Awardee, Parliamentarian (8 times), Statesman, humble social worker and visionary leader of masses. He continued the cooperative movement for integrated rural development and further strengthened comprehensive rural health care. To meet the national requirement for qualified health professionals, PMT established a medical college (1984), dental college (1989), college of physiotherapy (1997) and college of nursing (1998), all on one unitary campus at Loni, offering health professional education and health care. Unique centres entitled “Centre for Social Medicine” and Centre for Biotechnology were established in 2001 to undertake research and extension activities.

### **Genesis of the University:**

In order to achieve the integrated holistic approach in health care, education and research, Pravara Medical Trust (PMT) took positive steps towards the establishment of a deemed university (with the approval of UGC, MHRD, GOI) by bringing all of its colleges and units of health education and tertiary medical hospital under one ambit/ umbrella, in 2003. Thus, the deemed to be university was born at Loni-“**Pravara Institute of Medical Sciences (PIMS-DU)**”, a unique feature in Indian professional education system in a rural India. The governance, leadership and management of PIMS-DU are as per regulations governing deemed to be universities, notified by the UGC from time to time (UGC institution deemed to be universities regulations 2010/2016).

Befitting to the vision and mission of the parent trust, PIMS-DU is imparting quality professional health education at global level and tertiary speciality health care at Loni as well as at doorsteps of 234+ villages spread over 13 talukas and 3 districts with a catchment area of lakhs of population of Maharashtra state. Our rural health care, extension and community health outreach activities have received international and national appreciation and recognition.

### **Growth and Development of the University:**

PIMS-DU is located on a spacious and green unitary campus of 115 acres at Loni, developed as per the master plan and land scaping, housing all the 6 constituent units and its rural hospital. It has state of the art building blocks for academic and co-academic programmes, multispeciality tertiary medical and dental hospitals as well as residential facility for students and staff on the campus, all within a walkable distance. It is a near cent percent residential campus with all the basic amenities and facilities, round the clock, ensuring a home away from the home. It is providing a good multispeciality hospital for enriching clinical resource and care, central library, IT facilities, safety, security, discipline and basic amenities 24x7(water, electricity, maintenance) in a rural area, a real practice of “PURA”. It has recruited qualified and experienced staff as per norms of statutory bodies. We have encouraged research through funds (Rs. 100 lakhs), facilities, and incentives resulting in 2000+ publications and collaborative research projects (Rs. 1266 Lakhs) and clinical trials (Rs. 280 lakhs). PIMS-DU publishes its own ISSN peer reviewed medical journal. We have collaboration with 25+ international institutions and industries as well as national institutions. Teachers and students have visited foreign universities on scholarship/ fellowship through Lineus Palme Exchange Accord and Erasmus+ scheme (only the private deemed university from India included in this scheme). It has attracted 200+ students and faculty from 50+ foreign universities for research and training. Centre for Social Medicine act as Mother NGO and a liasoning body for government and semi government organizations and national health schemes. PIMS-DU has a sound financial management and governance system with





accountability, transparency and integrity. Annual convocations are held regularly since 2007. So far 10 convocations have been organized. We are proud for having contributed qualified and competent, health professional, human resource to the national development (797 medical doctors, 392 medical specialists, 507 dentists, 148 dental specialists, 341 nurses, 42 nursing specialists, 228 physiotherapists, 90 specialists in physiotherapy, 169 biotechnologists, 5 public health specialists, 11 Ph.D. holders, a total of 2760 graduates and postgraduates). Our students are enriched with good clinical and community health knowledge, skills and competence. We are proud of our “**pravarites**” serving in India and abroad.

#### **Road Ahead:**

Pravara Institute of Medical Sciences – Deemed University, aspires to be “*The Centre of Excellence*” in Medical, Dental and allied Health Science education and is committed to improve health standards of this rural region. PIMS University is making every possible efforts to provide globally competent higher education and service to the rural society with a focus on empowerment of rural people for sustainable growth and development.

Under the guidance and leadership of **Dr. Balasaheb Vikhe Patil, Padmabhushan Awardee, President & Managing Trustee, PMT** and **Hon’ble Dr. Vijay Kelkar, Padmavibhushan Awardee, Chancellor, PIMS-DU**, we are marching towards our goal – to create “A Healthy Society”.

PIMS-DU has grown over the years since its establishment in 2003 and recorded developmental milestones. It strives for global excellence. We believe in expansion, consolidation as well to grow and develop ahead to achieve global excellence, as per global and national expectations, trends and challenges.

We believe in quality movement in all our endeavours. Hence we subject ourselves for continuous regulation and monitoring by statutory bodies – MCI, DCI, INC and UGC. We subjected ourselves for assessment by NAAC in 2011 and got accredited at ‘B’ grade (2.57). We also subjected ourselves for UGCs Review of Deemed University in 2008 with good commendation for our significant growth and development. We were also reviewed by MHRD’s Committee for the Review of Deemed to be Universities (by Dr. Tandon Committee) and were graded at ‘B’ level for good performance, and permitted to continue as deemed university.

Now, we are again volunteering ourselves for Assessment and Accreditation by NAAC. Accordingly, we are submitting our Self Study Report for assessment and accreditation (Cycle 2) by NAAC.

We hereby present our SSR in the prescribed “Format of NAAC” for quality assurance.

**Dr. Y. M. Jayaraj**  
Pro Vice Chancellor,  
PIMS-DU

**Shri. Rajendra Vikhe Patil**  
Chief Executive Officer,  
PMT-PIMS-DU

**Dr. S.D. Dalvi**  
Vice Chancellor,  
PIMS-DU

*Date: 15<sup>th</sup> September 2016*



## Pravara Medical Trust

- Mission** - Service to Rural People  
**Vision** - Improve 'Quality of Life' of the Rural Poor  
**Approach** - Integrated, Holistic, Problem Solving & Community Oriented



## Pravara Institute of Medical Sciences (Deemed University)

Loni - 413 736, Tal. Rahata, Dist. Ahmednagar, Maharashtra, India



### Constituent Units

Rural Medical College

Rural Dental College

Dr. APJ Abdul Kalam College of Physiotherapy

College of Nursing

Centre for Biotechnology

Centre for Social Medicine



### Vision

To emerge as University of Excellence, in continuous pursuit of Quality, by providing globally competent higher education, especially in the field of medical and allied health sciences and to evolve accordingly to the changing needs of time, with the focus to serve the rural society.

### Mission

1. To promote value based education and research driven health care
2. To promote and facilitate the development and empowerment of human resource
3. To facilitate the provision of health professional education, training, research and extension activities, primary, secondary and tertiary health care through medical and allied health programmes that is responsive to the needs of the society.
4. To serve the rural people, especially, the poor and the disadvantaged, irrespective of their social status and background.





## PRAVARA INSTITUTE OF MEDICAL SCIENCES (DEEMED UNIVERSITY)

### **GOAL & OBJECTIVES:**

- 1) To Promote and provide
  - i) Instruction, Knowledge, Education, Training and Research facilities of high order in the areas of study relevant to Medicine, Health and Allied Sciences, Humanities, Science, Arts, Commerce, Engineering, Pharmacy, Management, Education, etc and its interdisciplinary areas as per its current status and such other manner as may develop in future.
  - ii) Facilities to develop Entrepreneurship and Human Resource required in the Health care, Health Management, Biosciences, Biotechnology, Humanities, Science, Arts, Commerce, Engineering, Pharmacy, Management, Education, etc and its interdisciplinary related areas through formal or distance education with the prior approval of the UGC / Government of India.
  - iii) Appropriate, Innovative, Need Based Programmes of teaching and learning which shall be, student centred, problem-based, community oriented in under graduate, post graduate and doctoral levels so as to set a high standard of Medical, Health, Allied Sciences, Humanities, Science, Arts, Commerce, Engineering, Pharmacy, Management, Education, etc. and its interdisciplinary related areas with the prior approval of the UGC/Government of India.
  - iv) Research relevant to current and emerging fields of Medicine, Health and Allied Sciences, Humanities, Science, Arts, Commerce, Engineering, Pharmacy, Management, Education and its interdisciplinary related areas.
  - v) Opportunities for the integration of formal and non formal learning with practical experience in medical and health sciences with other areas of human development, such as Humanities, Science, Arts, Commerce, Engineering, Pharmacy, Management, Education, etc. and its interdisciplinary related areas.
  - vi) Programmes of extension work in the fields of Medicine, Human Health Sciences and Allied Sciences, Humanities, Science, Arts, Commerce, Engineering, Pharmacy, Management, Education, etc. and their interdisciplinary areas to achieve the overall human development, within the country and abroad.
  - vii) Opportunities to facilitate collaborations, networking with International and National level Universities /Institutes/ Organizations / Foundations for promotion, advancement and sharing of academic and research knowledge and activities in Medicine, Health, Allied Sciences, Humanities, Science, Arts, Commerce, Engineering, Pharmacy, Management, Education and their interdisciplinary areas for development of mankind in India and abroad.
  - viii) All possible arrangements for national and global participation in the fields of Medicine, Health Management and Allied Sciences, Humanities, Science, Arts, Commerce, Engineering, Pharmacy, Management, Education, etc. and their interdisciplinary areas.
2. To function as a Global level learning resource center in the fields of medicine, health, management and allied sciences
3. To serve and work towards improvement and development of rural life and the general population
4. To accomplish the mission and vision enunciated by the founders of the "Pravara Medical Trust, Loni"
5. To do all such other acts and things as may be necessary or desirable to further the objects of the University.
6. To undertake all such activities as may be incidental and necessary or conducive to the attainment of all or any of the objects of 'the University' referred to or implied above.



**Pravara Institute of Medical Sciences (Deemed University),**

**Loni Bk., Tal: Rahata, Dist: Ahmednagar- 413736. Maharashtra**

<b>Established by</b>	
<b>Pravara Medical Trust</b>	
President/ Chief Managing Trustee	Dr. Balasaheb Vikhe Patil
Chief Executive Officer	Shri. Rajendra Vikhe Patil
Statutory Officer of PIMS-DU	
Chancellor	Dr. Vijay Kelkar
Vice-Chancellor	Dr. S. D. Dalvi
Pro Vice-Chancellor	Dr. Y. M. Jayaraj
Registrar	Dr. A. N. Badwe
Controller of Examinations	Mr. S. D. Deshmukh
Finance Officer	Mr. V. D. Joshi

**External Members of Other Statutory Bodies.**

**Board of Management**

Member	Dr. Y. K. Alagh,	Former Union Minister (Govt. of India)
Member	Dr. Snehalata Deshmukh	Ex-Vice Chancellor, Mumbai University, Mumbai
Member	Dr. M. G. Takwale	Ex-Vice Chancellor, Shivaji University & PIMS-DU

**Deans of Faculties and Heads of the Constituent Units**

<b>Designation</b>	<b>Faculty / College/ Centre</b>	<b>Name</b>
Dean	Faculty of Medicine	Dr. Ravindra Karle
Dean	Faculty of Dental Sciences	Dr. Vidyasagar Mopapagar
Dean	Faculty of Allied Health Sciences	Dr. T. Sivabalan
Dean	Rural Medical College	Dr. R. C. Goyal
Principal	Rural Dental College	Dr. S. Gangadhar
Principal	Dr. A. P. J. Abdul Kalam College of Physiotherapy	Dr. S. M. Khatri
Principal	College of Nursing	Dr. T. Sivabalan
Director	Centre for Social Medicine	Dr. Prof. Mr. K. Somasundaram
Director	Centre for Biotechnology	Dr. Sonali Das (I/c)
Director	Directorate of Research Cell;	Dr. Rahul Kunkulol (I/c)





**External Members of Other Statutory Bodies.  
Academic Council**

1.	Dr. D. G. Mhaisekar	Vice-Chancellor Maharashtra University of Health Sciences, Nashik.
2.	Dr. M. G. Deo	Vice-President Moving Academy of Medical and Biomedicine Pune.
3.	Dr. Sanjay P. Zodpey	Director, Public Health Foundation of India, New Delhi.
4.	Dr. Sneha Pitre	Vice-Principal, Bharati Vidyapeeth, College of Nursing, Pune.
5.	Dr. S. D. Gangane	Prof. & HOD. Department of Anatomy Terana Medical College, Navi Mumbai
6.	Dr. P. Karunakar	Principal Paniyeeya Institute of Dental Sciences of Research centre,
<b>Planning and Monitoring Board</b>		
1.	Dr. Chandra Vishwanathan	Interventional Cardiologist Mumbai.
2.	Dr. (Mrs.) N. A. Kshirsagar	Dean, ESI, PGIMSR, Mumbai
3.	Dr. M. G. Deo	Vice-President Moving Academy Medicine & Biomedicine, Pune.
4.	Dr. Rakesh Yadav	Professor, Cardiology, AIIMS, New Delhi.
<b>Finance Committee</b>		
1.	Dr. M. G. Takwale	Ex-Vice Chancellor, Shivaji University Pravara Institute of Medical Sciences (DU)
2.	Mr. Shrikant Chaturvedi	Chartered Accountant, Mumbai
<b>Research and Recognition Committee</b>		
1.	Dr. A. N. Suryekar,	Registrar D.Y. Patil Vidyapeeth, pune
<b>Fee Fixation Committee</b>		
1.	Mr. G. G. Loney	Former Judge, Bombay High Court, Nagpur
2.	Dr. Nagnath Kotapalle	Ex-Vice Chancellor Dr. Babasaheb Ambedkar Maharashtra University Aurangabad
3.	Prof. K. P. Sonawane	Ex-Vice-Chancellor Dr. Babasaheb Ambedkar Maharashtra University Aurangabad
4.	Mr. S. K. Chaturvedi	Chartered Accountant, Mumbai

*Executive Summary  
SWOC Analysis  
&  
Action Taken Report on PTR*



**Pravara Institute of Medical Sciences  
(Deemed University)**







## **Executive Summary**

### **Criterion I - Curricular Aspects**

#### **1.1: Curriculum Design and Development**

- Pravara Institute of Medical Sciences, Deemed to be University, establishment in 2003, popularly known as PIMS – DU or Pravara University, located at Loni, Maharashtra, India, offers academic programmes in health professional education (Medical, Dental, Nursing, Physiotherapy, Social Medicine, Medical Biotechnology), leading to the award of UG, PG, PG Diploma, Diploma, Certificate and Doctorate degrees in the specified discipline, subject and faculty.
- Pravara Institute of Medical Sciences (Deemed University) offers its academic programmes through its 6 Constituent Units – Rural Medical College (RMC), Rural Dental College (RDC), College of Nursing (CON), College of Physiotherapy (COPT), Centre for Biotechnology (CBT) and Centre for Social Medicine (CSM).
- The institutional goals and objectives are reflected in the academic programmes offered.
- All the academic programmes (and their intake) offered are duly approved and recognized by statutory bodies namely MCI, DCI, INC, UGC and others.
- Hence the curriculum planning, design and development is totally dependent on the regulatory frame work, prescribed by the regulatory, statutory bodies with suitable amendments from time to time (with reference to number of subjects, duration of the course, its division and distribution of hours of teaching - learning for each subject / course, type, mode of examination, marks, minimum for passing and declaration of results, categorization of results, weightage to project work, dissertation, publication).
- Pravara Institute of Medical Sciences (Deemed University), as an university, adopts the regulations prescribed by statutory bodies and further uses its academic autonomy to innovate and frame the syllabi, content, its unitization, curriculum transaction, delivery, continuous internal evaluation, conducting of examination, evaluation methods and award of degrees (within the regulatory frame work).
- Pravara Institute of Medical Sciences (Deemed University) has constituted 3 faculties – Medical, Dental and Allied Health Sciences, each headed by a Dean.
- PIMS-DU follows “Six stage” process to finalize its curriculum frame work, design and development (need based assessment, CDD, drafting of syllabi, approval of the same, implementation and review). Need based assessment is done based on global – national – regional trends, guidelines of government and stake holder perspective.
- The drafting of the syllabi of each subject / discipline / course is done by duly constituted Board of Studies. In all there are 17 Boards of Studies (8 in Medical faculty, 5 in Dental faculty and 4 in Allied Health Sciences faculty). External members, peers and other academic stake holders are involved. Exercise on comparative evaluation of our syllabi and other aspect with other national institutions of repute is done. Recent advances, current trends, examination reforms, pedagogic innovations, learner centric approaches are ensured.
- The syllabi are duly approved by the Academic Council and / or Board of Management, comprising of external expert members and invitees. The syllabi are revised annually for minor corrections and major revision is attempted once in 3/5 years. Emphasis has been given to professional knowledge, skills, competence, community needs, thrust for research, innovative practices and employability.





- The syllabi reflect the academic and clinical aspects at all levels – local, regional, national and global trends and advances. Components of Bioethics, Biostatistics, Environmental Sciences, Behavioural Sciences and Humanities are included. Thrust has been given to early clinical exposure, community orientation, evidence based medicine, blend of education – practice and service. Emphasis has also been given to prevalence, prevention, control, treatment, rehabilitation, epidemiology, health economics and application of technology.
- Staff members are oriented and trained in aspects related to curriculum design and framing of syllabi.

### 1.2 : Academic Flexibility

- The academic programmes offered by Pravara Institute of Medical Sciences (Deemed University) are as follows:

	UG	PG	PGD	Ph.D (Subject)	Diploma	Certificate
RMC	MBBS	MD & MS (17) M.Sc. (4)	PGD in 9 subjects	Yes (21)	DMLT DOPT (3) DOPT-A	CMLT (2) X Ray Tech.
RDC	BDS	MDS (8)	-	Yes (9)	--	Implantology (1)
CON	B.Sc. P.B.B.Sc	M.Sc. (5) subjects.	PGD in 2 Subjects	Yes (1)	RGNM (1) (MNC)	PNN & PAC (2)
COPT	B.PT.	MPT (5 subjects)	--	Yes (1)	--	--
CSM	--	MPH	--	Yes (1)	--	--
CBT	B.Sc.	M.Sc.	--	Yes (1)	--	--
Total	06	41	11	34	04	05

- There is good academic flexibility, programme options
  - A student of +2 level has 5 UG programme options (in 3 faculties and in 5 colleges) leading to MBBS / BDS / B.Sc. (N) / BPT / B.Sc. (BT). A student of Diploma in Nursing has an option for P.B.B.Sc. Nursing as a lateral entry.
  - A student of MBBS has the option to select 12 subjects for M.D., 5 subjects for M.S. He also has 9 options to pursue P.G. Diploma in medical subjects.
  - A student of BDS can pursue MDS in any of the 8 subjects
  - A student of BPT can pursue MPT in 5 specializations.
  - A student of B.Sc. (N) and P.B.B.Sc (N) can pursue M.Sc. (N) in 5 specializations.
  - A student of B.Sc. Life science / BSW can also pursue M.Sc. (Med.) in 4 subjects or MPH or M.Sc. (Medical Biotech)
- Scope to learn compulsory core subjects of a faculty or discipline or subjects at UG level of all programme (MBBS – 20, BDS – 17, BPT – 16, B.Sc. N – 19, P.B.B.Sc. N – 15)
- Thrust is for interdisciplinary and transdisciplinary approaches and organic link leading to holistic integrated learning over the duration of programme. At PG level, the courses leads to specialization in a given subject or field. At UG level, the students learns / are



taught all the subjects available in their college as per regulations.

- CBCS has been introduced to the courses covered by UGC regulations (Biotechnology & PT). There is no scope for introduction of CBCS for academic programmes regulated by MCI, DCI & INC.
- Ph.D. programme is made available at all the 6 Constituent Units as per latest UGC Regulations.
- Good number of short term Certificate and short term training programmes (STC or STTP) as value addition are offered by the Departments for their students, on a continuous basis.
- UG students of foreign university are enrolled at Centre for Social Medicine (CSM) to a short term certificate course in Social Health and Development (theory and field studies), earn the certificate as well as 15 credits, that are considered for their degree at their parent university – hence the practice of credit transfer and twinning programme.
- All the Academic courses are run on self financing basis
- The academic calendar is semester pattern but the examinations are annual type (except M.Sc. B.T) as mandated by statutory bodies on all India level.
- The curriculum envisages a proper blend of professional knowledge base, relevant updated soft, hard and professional skills, global competence and service orientation leading to the realization of graduate attributes.

### **1.3 Curriculum Enrichment**

- Curriculum/ syllabus is upgraded and revised at regular basis to make it relevant and contemporary at global level, based on emerging trends and recent advances.
- Good number of STCs and STTPs are organized, based on latest themes and expertise, expectations.
- Regular curricular aspects are enriched with ‘beyond curriculum scholarly activities’ – Guest lectures , seminar, symposium, workshop, training sessions, survey, camps, rallies, training in skill laboratories, field level studies, learning at RHC, THCs & UHTCs.
- Conference / Seminars at national/ international levels are organized regularly apart from FDPs/SDPs (INVENTUM)
- Local chapters of professional academic bodies located at Loni conduct series of professional and academic activities for the benefit of staff and students.
- Active participation and involvement of staff and students in National and State Health Missions act as enrichment.
- Apart from professional knowledge and skills, components of yoga, meditation, fitness, relaxation, concentration and well being are interlaced in the curricular transaction (as enrichment, and organization of PADMANJALI an annual event)
- Students are also enriched with the knowledge of medical practice, ethics, morals, confidentiality, accountability, patient’s rights, concept of consent, human rights, medico legal aspects, dignity of labour and ISR.

### **1.4 Feedback system**

- Emphasis to 360<sup>0</sup> evaluation from all stakeholders (students, parents, faculty, experts, societal members, govt. agencies and management).
- Regular scheduled feedback from students, once in 6 months in a structured questionnaire on curriculum, teaching learning, research, examination, learning resources and facilities.





- Digital mode of feedback, supported by IT Cell.
- A committee headed by a senior faculty of the department of microbiology supervises the process (till 2014-15 it was manual system). Based on the scoring, teachers receive appreciation or corrective measures.
- Informal feedback from alumni, parents, peers and experts (comments, suggestion, observation, directly or indirectly).
- The review of results, performance of students in the examination, pattern of answering in exams, viva voce, group discussion, observation by class teachers, HOD's, mentors and student representatives gives valuable input of feedback.
- Other feedback mechanism includes press report, anonymous letters, grievance redressal mechanism output, and concern of parents about the performance of students, report of the student welfare officer, rectors and paramedical nursing staff, attendant of patient and so on.
- Corrective measures, based on feedback analysis are initiated and monitored (curricular content, transaction, learning modules, other aspects related to TLE, R&D, LR)

## **Criterion – II – Teaching - Learning and Evaluation**

### **2.1 Student Enrollment and Profile**

- The admission process is transparent and wide publicity through print and e media is ensured. Entire admission process (intake and mode of selection) is as per the directions of statutory bodies – All India level test ranking – counseling and admission, transparently. Transparency, accountability and confidentiality are maintained.
- PIMS-DU has a dedicated CET Cell. AICET – UG for Medical and Dental admissions were conducted at 11 centers across India (while AICET PG at 4 centers across India).
- Demand ratio was in the range of 1:22 for Medical and 1:27 for Dental UG programmes (PG demand ratio was 1:6). Pass percentage at CET is around 65-70% (While 75-80% of registered candidates appeared for CET).
- The admission was ensured through CET merit ranking cum counseling (videographed). Opening and closed ranking for finally admitted students was 1 to 311 ranking for medical and 19-1215 for dental, indicating good preference to PIMS-DU.
- Admission to Medical and Dental programme for 2016-17 is strictly as per 'NEET ranking' cum counseling.
- Admission for B.Sc (N) and BPT is as per AICET for allied health science held at 2 centers. Admission to M.Sc BT and MPH is based on merit only (of UG).

#### **Enrollment Trends:**

- Good demand ratio, increase in enrollment over the years (1914 in 2011-12 to 2074 in 2014-15). Around 65% of UG students enrolled are women, while it is reverse in case of PG studies.
- Around 75% of students are from Maharashtra. Fair representation to SC, ST, OBC and other categories.
- Courses in BT, MPH, M.Sc in Medical subjects are not in demand; even PG in paramedical subjects are not viable.
- There is increase in the enrollment for nursing courses and enrollment to medicine and dental courses is nearly cent percent.



- PIMS (DU) is able to attract 101 foreign university students for academic study visit, to earn 15 credits and a certificate, with a credit transfer facility to their parent university.

## **2.2 Caterings to Student Diversity**

PIMS (DU) ensures the following:

- Availability of prospectus, brochures, information on facilities and support services, fee structure and resources (HR, Clinical, LR, IT).
- Preadmission counseling to the students (needy) on campus information.
- Ensures 100% hostel facilities to all the students (needy) as Loni is totally a remote area, with all the support facilities and basic amenities.
- Orientation, induction, counseling, mentoring, strategies for slow learners, challenges to fast learners are ensured (INVENTUM)
- Strict adherence to anti ragging policy, prevention of ragging at all places, anti-ragging squads, mentor help, guardian help, and rector's supervision.
- 24X7 security, discipline, and mobile security squad.
- All basic amenities 24X7 (water, electricity).
- Teaching local language and culture, heritage and food habits, occupation, demography, social profile of Loni, rural eastern Maharashtra.
- Communication skill strategies, language lab.
- Provision of ramps, lifts, wheel chairs for PCDA (Divyangs)
- Strict adherence to women security, discipline, gender sensitization and empowerment.
- Emphasis to yoga, meditation, relaxation, fitness, sports, cultural activities (PADMANJALI), socio-psychological counseling and personal counseling.
- Thrust for inculcation of values, ethics and morals
- Effective grievances redressal mechanism
- Orientation on syllabus, method of evaluation, grievance redressal, exam reforms and learner centered activities.

## **2.3 Teaching Learning process**

PIMS (DU) has realized the importance of teaching and learning as the core of education system. Hence it has taken proactive steps to ensure the same. In brief, they are as follows:

- Provision of annual academic calendar, time table, advance teaching plan, allotment of class teacher, distribution of syllabus, work, rotation plan, clinical and community posting, biometric attendance, maintenance of journals, sessions on microteaching, journal clubs, orientation and induction at institution and department level.
- Planning and execution at three levels – department, institution and university based on interaction and discussion and followed by organization, monitoring, review and meta evaluation of teaching learning process, timely coverage of syllabi, effective TLE process.
- Adoption of blended teaching (ICT enabled and traditional and contemporary modern methods).
- Emphasis to learner centric approaches – Learning through problem based (PBL), evidence based (EBL), community based (CBL), family based, clinical / paraclinical / pre





- clinical orientation, case based, laboratory based , museum based, skill lab based, contemporary based approaches (apart from theory lectures, practical/s, demo's).
- Thrust to computer assisted learning (CAL), e-learning, ICT enabled teaching, self directed learning (SDL), student seminars, assignments, field studies, surveys, quiz, small group discussion (SGD), group discussion (GD), case presentation, learning at IPD, OPD, ICU, wards , OT, CCL, BB, casualty, PHCs, UHTC, RHTC, RHC, THC,
  - Interaction among medical, paramedical, nursing, physiotherapy and social medicine staff and students.
  - Emphasis to integrated teaching (horizontal and vertical )
  - Learning through CM, CPC, STC, STTP, journal clubs, workshops, guest lectures, theme lectures at seminars of national level, oration and endowment lectures, speciality clinics.
  - Emphasis to early clinical exposure, community exposure (adoption of village and family for 5 years), bioethics, environmental education and biostatistics.
  - Inducting UG students to research – ICMR STS projects, PIMS DU STS projects, facilitating the choice of thrust areas, methodology, research facility, guidance, analysis of data, publication and presentation of research work.
  - Organization of a national level INVENTUM to showcase UG and PG research work, a PIMS initiative
  - Induction of students to e-health programmes, telemedicine (Hello Doctor, Namaskar Doctor, e health centre's interaction), again a Pravara initiative.
  - Adequate information on ADR, pharmaco vigilance, medico legal cases, medical negligence, unethical and unhealthy practices.
  - Emphasize maintenance of research, log books, publications.
  - Concept and practice of continuous internal evaluation, OSCE, OSPE, quiz
  - Adequate training on patient's history taking, identification and understanding of signs and symptoms, updated record keeping, prescription, administration, differential diagnosis, complications, prognosis and rehabilitation.
  - Overall emphasis is to ensure the grooming of a good teacher, doctor, practitioner and social worker, having service motto with leadership qualities, imbued with moral values.

#### **2.4 Teacher Quality**

- PIMS-DU located in a rural remote area has to have qualified competent and experienced teachers / health professionals/ doctors / specialists catering to both teaching and learning (UG – PG) as well as offer clinical and community health care, consultancy and service to the rural patients (who act as rich clinical resources for learners )
- PIMS-DU has ensured the recruitment of adequate staff as per norms of MCI, DCI, INC, UGC and other bodies as per the need of courses offered and intake. Teachers are recruited based on essential qualification, experience and expertise.
- In all there are 593 faculty members, there is fair representation to women (189), and good numbers of professors from outside Maharashtra, indicating good gender and social diversity. (Professors 82, Assoc. Professors 68, Asst. Professors 127, Others 316)
- All the teachers serving as Professor, Associate Professor, Assistant Professor, have PG Qualification as per statutory requirement (MD / MS / MDS / M.Sc (N), M.Sc), MPT). Among them, good numbers of faculties (8) are with Ph.D. qualification, and with DM / MCh /DNB and one teacher has 3 PhD degrees.
- Among the teachers, there are faculty with FAIMER (5), FIME (5), and DNB (15).



- One teacher has certified code for MDS from CGHR.
- Good number of teachers have obtained National Board Fellowships (in PICU, FICM, IDCCM, NTTCC), bronze awardees from International College of Dentists (ICD).
- Three teachers have the award of Advance MET to their credit.
- A teacher from College of Nursing is a member of Indian Nursing Council (INC) as well as Maharashtra Nursing Council (MNC).
- 29 teachers have visited foreign university on teacher exchange programme under Lineus Palme accord. (Sweden and European countries)
- Similarly 53 faculties of foreign universities have visited PIMS-DU to share their expertise and assist in our research, teaching and extension.
- Select teachers have visited foreign university to present their expertise (a faculty of OBGY got foreign travel assistance to visit China).
- 3 faculties from abroad act as visiting faculty (Sweden), Emirates professor (USA), adjunct faculty (USA).
- There is a pro active MET Cell at Rural Medical College, continuing education units at other colleges to organize FDPs (10) on regular basis, benefiting teachers in pedagogy (220 teaching as per MCI guidelines).
- PIMS-DU has encouraged faculty of the department to organize FDPs at Department/ College/University level on regular basis to upgrade their skills and knowledge.
- During 2011-16, international (5) and national level (12) seminar / conference have been organized successfully.
- Senior faculties are the life members and office bearers of their professional bodies / societies and local chapters of these bodies are very actively organizing FDPs at PIMS-DU, Loni.
- Faculties have served as members of editorial board, and as reviewers of reputed journals. They have also written good number of books in their subjects, apart from undertaking publication, project and clinical trial.
- Many teachers have availed research incentives (OOD facility, TA, DA for paper presentation, publication). PIMS-DU has initiated Chancellor Rolling Trophy for best researcher among the teachers apart for seed money.
- Teachers have presented their research papers at various international seminars and have won best paper / presentation award / citations.
- Good numbers of teachers who have retired from AFMC, Pune and other places of India have joined PIMS-DU in suitable capacity. They have brought their vast knowledge and experience (code of conduct, discipline, dedicated service, crisis management) to PIMS-DU. Student is immensely benefited by them.
- Majority of the senior faculty have served as resource persons at other prestigious institutions / professional body's chapters to share their expertise and skills.

### **2.5 Evaluation Process and Examination Reforms**

PIMS-DU (DU) follows the examination reforms and practices as per MCI, as adopted by premier institutions with suitable modifications. Both formative and summative examinations are followed (Number of papers, practicals, viva, dissertation and marks allotment for each subject / course taught are given in DERs at Sr. No. 4(b).

- The information on examination (methods, scheme of evaluation, allotment of marks, standard of passing/ award of classes, components of examination, internal / external etc)





are made known to students and other stakeholders in advance (Orientation, Handbook , website).

- There is a dedicated office (Controller of Examination) established as per UGC norms to look after all examination related work. It ensures calendar of examinations, time table, and setting of Question papers, conduct of examination, central evaluation, tabulation and announcement of results.
- Strict compliance is given to confidentiality and accountability wherein computerization/digitalization at the office of COE has been ensured, Examination manual is strictly followed. There is grievance redressal mechanism as well as steps to prevent or deal with cases of malpractices in examination as per manual.
- The results are announced within 30-40 days of examination; examination reforms include adoption of OSCE, OSPE, MCQ, case studies, double evaluation /third evaluation, scope for retotalling, reevaluation, photocopying.
- Security features are incorporated to mark sheets, degree certificates. There is provision for online degree certificate verification. Gold medals have been instituted.
- One of the unique features is that of PG dissertation evaluation by 3 examiners. The title of dissertation is included in marks sheet. Awards are given for best dissertation work.
- Institutional internal examination and assessment.

## **2.6 Student Performers and Learning Outcome**

PIMS-DU has given emphasis to continuous evaluation as well as university annual examination (formative/ summative)

- There is a mechanism for the review of examination results of all programmes. The final year results of all programmes are consistently good over the past 5 years. In fact, results are good even for given subjects/ paper in I/II/III years of students, indicating consistently good performance (80% for UG & 95% for PG on an average).
- University announces ranks and gold medals for all the academic programmes.
- PIMS-DU has conducted annual convocations for the conferment of degrees regularly since 2007, so far 10 convocations have been organized. Illustrious personalities like Dr. S. D. Thorat (UGC), Dr. Balachandra Mungekar (National Planning Commission), Dr. Arun Nigvekar (UGC and NAAC), Dr. Vijay Bhatkar, Padmabhushan Awardee, and others have delivered convocation address. Honoris de Causa degrees (D.Sc / D.Lit) have been awarded to the experts in various fields.
- PIMS-DU has awarded, so far 2771 degrees and 51 diplomas to the students in professional health education (MBBS – 797, MD / MS – 247, PGDM – 145; BDS – 507, MDS – 148; BPT – 228, MPT – 228, B.Sc (N) – 341, M.Sc (N) – 42, B.Sc BT – 38, M.Sc. BT – 131, M.Sc PH – 05, MBA – 42, DMLT – 51 and Ph.D. – 11 (65-70% of it is during 2011 – 2016).

Thus the learning outcome is evident from the contribution of qualified HRs in Health profession for national service and development. The learning outcome is also evident from the list of our alumni and their progression to higher education / employment / entrepreneurship in India and abroad. They identify themselves as “PRAVARAITES” where ever they go and serve.

The student performance (academic) and learning outcome is also visible in terms of ICMR STS project by UG, publications in reputed journals, presentation of research



papers in various national level conference / seminar / workshops. Good number of students have won prizes, ranks, medals, appreciation for their endeavor.

### **Criterion – III – Research, Consultancy and Extension**

#### **3.1 Promotion of Research**

PIMS-DU has a proactive well defined, transparent research policy to encourage research among students and faculty. The salient features are as follows:

- a) Establishment of Directorate of Research. It has several functional committees under it to approve, monitor and regulate research.
  - 1) Central Ethical Committee at university level as per the ICMR guidelines (2006). It is registered with DCGI, Govt. of India.
  - 2) Institutional Ethical Committee (at each of its constituent college)
  - 3) Technical Review committee and Review Board (for Budget and facilities, seed money etc).
  - 4) Research Advisory Board (policy, review, facilitation and promotion and review of pre Ph. D research work and progress of Ph.D. work, SOP GCP, anti plagiarism, ICMR-STs, Research Incentive schemes, Research methodology workshops, collaboration, incentives, awards).
  - 5) Institutional Animal Ethics Committee (CPCSEA registered) (facilitation, clearance and review of all projects undertaking experimentation on animals).
- b) Creation of research fund at PIMS (DU), (Rs. 100 lakhs)
- c) Creation of research facilities at 3 levels- Department, institutional and university level for fundamental and applied research.
- d) Creation of clinical research facilities at Pravara Rural Hospital (Diagnostic, therapeutic, health care and rehabilitation).
- e) Creation of facilities for social medicine and community health oriented research (UHTC, RHTC, RHC, Tribal health, e-health center)
- f) Proactivisation of international and national collaboration (research, faculty exchange, expertise sharing) and linking with all stake holders.
- g) Development of protocols for smooth implementation of funded project and their co-ordination
- h) Creating a platform for UG-PG researcher at National level-PIMS-DU's INVENTM.
- i) Organization of national and international level S/S/W/C as well as good number of FPD related to research at PIMS (DU). Institution level
- j) Institutionalisation of research culture.
- k) Research Incentive Scheme since 2013 (Rs. 9.0 lakhs)

#### **3.2 Resource Mobilization for Research**

Pravara Institute Medical Sciences (Deemed University), through its CSM generated financial resources for collaborative research projects from international, national and other agencies. In brief the details are as follows. (2011-2016)

<b>Funding</b>	<b>No. Of Project</b>	<b>Status</b>	<b>Amount in Lakhs Rs.</b>
International Agencies'	4	Completed	885.12
National Agencies	9	Completed	121.98
National Agencies	6	Ongoing	239.21
University Fund	1	Completed	0.39
	4	Ongoing	19.48
Grand Total	24	(14+10)	1266.18





Pravara Institute Medical Sciences (Deemed University), though its clinical departments has generated funds for its collaborate research – Clinical trial from national and international agencies.

10 International	+	4 National	Total	14
Rs. 227.44 Lakhs		51-76 Lakhs	Rs. 279.20	Lakhs

Feasibility studies on 9 clinical trials are completed and will be undertaken (6 are in pipeline).

The faculty of Pravara Institute of Medical Sciences (Deemed University), have undertaken 1863 minor research projects (1276 ongoing + 587 completed) (utilizing all clinical research facilities of PRH and Constituent Units, assistance from research directorate, seed money, and University research fund allocation out of Rs. 100 lakhs.

All these Projects have the ‘Clarence’ of Ethical Committee. Teachers are given chemicals, glasswares, learning resources at institution, CCL, diagnostic and therapeutic equipments, clinical facilities, reports of medical informatics to accomplish the task. All the needed consumables are provided on indenting

Students of PIMS-DU, are proactive in undertaking ICMR and PIMS STS Projects.

2011-12	2012-13	2013-14	2014-15	2015-16
04	05	12	06	06

Select faculty has received external source funds to attend international conventions and national seminars, (as experts /resource person).

Pravara Institute Medical Sciences has provided financial resources towards TA/DA/ registration for faculty to attend national symposia/ seminars and publish their research articles (Rs. 9.0 lakhs); also provide 100% financial resource to publish “Pravara Medical Review” regularly (a peer review journal). Thus PIMS-DU has made all round effort to mobilize financial and other resource for research work.

**3.3 Research Facilities:**

Pravara Institute Medical Sciences (Deemed University) being an institution of health sciences and health care provider, has created good infrastructure facilities, clinical facilities and learning – IT resources to undertake research (apart from teaching – learning – health care) Around 30% of budget of every year is taken as depreciation and is mobilized toward creation of new facilities and services. Maximum portion of it is spent on Biomedical equipments. Separate Cell- Biomedical Instrumentation cell has been constituted for installation and maintenance. Dedicated IT Cell, Computerized library, e-resources, e-database are provided. All the pre, para and clinical departments are provided with instrumentation. The Centre for Biotechnology has Molecular Biology and diagnostics, cell culture and analytical facilities.

The Department of Pathology has state of the art digitized histopathology section allowing viewing and diagnosis by 3-5 experts at a time/ any where and any time.



The CSM has all the facilities to undertake community health based research and surveys, Dept. of Biostatistics and Medical Information has rich collection of medical clinical data of 25 previous years to undertake epidemiological survey / research. Latest instrumentation of Dept. of Radiotherapy helps in Cancer Research. CPSEA registered animal houses (undertakes maintenance and breeding). OPD & physiotherapy laboratory also acts as research facility.

**3.4 Research Publications and Awards -**

Faculty and students of Pravara Institute Medical Sciences (Deemed University), have published their research work in good indexed peer reviewed journals (International /National). Details in brief are as follows.

Total publication: 1299 (707 International + 592 National) (2011-15)

Research articles are available in data bases (Scopus, WOS, Pubmed and Google scholar).

Citation trend analysis indicates an increase in trend (56 to 76 in WOS) and 113 to 272 Scopus).

Citation index average is 17.29 (calculated as per UGC formula)

(Number of citations - WOS -8; Scopus - 99; Google Scholar-636 and Indian citation Index-6)

Overall citation and index in data bases is good (2012-2015).

Data bases	Publication included	Citations	Index
Scopus	548	1153	15
W O S	120	410	11
Google Scholar	1419	2506	20
SNIP 0.5 to 5 = 242 Articles		PUBMED SNIP 4-7	15
I. P. 0.1 to 5 = 39 Articles			

The directorate of research has published two data analysis report of the articles published (2003-12 and 2012-2015).

Our faculties are serving on the editorial boards of research journal (35 as peer reviewer; 29 on editorial board and 5 as Editors).

Faculties of Pravara Institute of Medical Sciences (Deemed University) had won 32 awards (05 International + 27 National) while students had won 71 awards (63 National and 08 International) (a total of 90 national 13 International).

Faculties also had authored and published books and contributed chapters in edited books.

There are teachers with FAIMER/ FIME/DNB.

So far 11 doctoral degrees are awarded (9 during 2011-16). At present 73 researchers are pursuing Ph.D. under 34 Ph.D. guides.

PIMS (DU), publishes a peer reviewed ISSN numbered research Journal “PRAVARA MEDICAL REVIEW” (Quarterly Publication), indexed in select data bases.

The staff of the Centre for Social Medicine has published around 50 Books / Booklets/IC material on Social Medicine/ Community Health issue for public good. It has also published fun games to explain the disease; documentaries are produced and broadcasted by CSM on social health aspect (Feticide, Child, Save water).





**3.5 Consultancy -**

Being an institution of health sciences education and health care, PIMS (DU), believes in the principle of offering its expertise (of staff) to the national /state/regional/local agencies (GO, SGO, NGO) on honorary basis befitting to the motto of parent trust as ISR. The experts offer their service and opinion on various issues (related to health, community/public health, curriculum, TLE pedagogy, R&D, setting up a hospital or clinic/ nursing home, personal health, chemotherapy physiotherapy, nursing care, latest methods, expertise in health care, clinical trial of chemicals/ prosthetics/ new drugs /antibiotics)

CSM offer consultancy to NGOs SGO, PRI on the implementation and evaluation of health missions (National/Global/Philanthropic). It acts in a way as mother NGO in many of the projects.

CON offer consultancy to Agencies “ASHA” workers, MSWs

Faculty of COPT give consultancy to fitness centers, SPA, Yoga and aerobic centers, special schools for PCDA

RDC offer consultancy service to industries in the manufacturing sector (Dental Implants and Prosthetics).

Directorate of Research offers constancy on Global Drug Development. It also felicitates the functions related to Industry collaboration partnership.

The International collaboration cell takes care of MOU, Linkages with institution and industries for research and staff exchange.

The Artificial Limb Center, manufacturing prosthetics and giving it to needy, offer consultancy on their utility and usage.

**3.6 Extension Activity and Institutional Social Responsibility -**

PIMS (DU), has successfully implemented PMT’s Pravara LONI model of ‘PURA’ for both Integrated Rural Development and Comprehensive Rural Health Care model. Center for Social Medicine has the main mandate of its implementation by linking PIMS (DU), Institutions, PRH and Rural Community Health care centres at-all levels.

P	PIMS (DU), - Collaborations- Linkage- NGO, GO, SGO		
M	Specialty	PRH, RDC, RMC, CPT, CON, CSM	C
T	Secondary, Primary	RHC, UHC, THC, e clinics mobile clinics, SHAPE	S
S	Gross Root	Arogya Banks- Arogya mitra, camps, COME, Rallies	M
Students, Staff, volunteers, Community participation			

**Major Activities: during 2011-2016**

- 1) Organization of multidagnostic (12) and mini (169) health campus (covering 13 villages of 13 Talukas of 3 Districts, treating 48209 patients and referring 6293 patients to PRH.
- 2) Community Oriented Medical Education and Health Care (COME) (adoption of 5 families of a village by a student of PIMS (DU), for his stay duration. 5 years – Family adoption study and health care- Family physician- Family survey journal on adopted village covering 56438 population)
- 3) Establishment of RHTC, UHTC (as per MCI) (18 villages – 40,000 population)- 60 Extension Programmes covering 6892 participants.



- 4) Establishment of 5 more RHTC over and above the requirement of MCI, cover 1.0 lakh rural population and 2 Tribal health centers covering 36,300 Population.
- 5) Two mobile medical clinics in rural tribal village (covering 65+29 village tribal areas, serving 1.5 lakh + 30,000 population) and one mobile Dental clinic + 2 satellite Dental clinics in villages.
- 6) Health care service in semi urban and urban slums; conducting Health Care Extension activities with the help of RHTC, UHTC, RHC, THC, mobile clinics, satellite clinics, covering urban (100) rural (128) and tribal area (51), serving a total population of 6.0 lakhs (1.5 lakh urban, 3.95 lakh rural + 66,000 tribal).
- 7) Training students of PIMS (DU) and other volunteers of village in the organization of extension and outreach activities in health care (3000+).
- 8) Pravara Innovations in Rural Health Care:
  - a) Establishment of Gram Arogya Banks (16) in villages
  - b) Concept and practice of Arogya Mitra (Bare foot doctor – Health – Social worker)
  - c) e-Health centers for remote area, 9 rural tele health centers- net connectivity, video conferencing with expert, patient and general info
  - d) SHAPE- School Health Hygiene and Environment programme (30 schools, 200+ Teachers + 6000 Student from 20 rural and tribal areas).
  - e) Modular training to Arogya mitras / Health care volunteers in collaboration with experts from foreign universities (Primary, Secondary Health Care – Private and Public, MCH , Dental basic knowledge on common diseases, physiotherapy, yoga, mediation, basic diagnostics , mental health and first aid , BLS strategies)
  - f) Pravara health and demographic surveillance system in collaboration with international network for demography education and health [INDEPTH – South Africa.]
  - g) Targeted intervention in social medicine, epidemiology and rehabilitation (HIV patients, Migratory workers).
  - h) Center for research and extension in tribal health care and services (CRETHS) is initiated.
  - i) Modular/ Training and trainer’s training to volunteers of NGO, SGO, GO involved in health mission.
  - j) Field and action research projects (17), surveys (11 ongoing and 15 completed) publications, intervention, adaption and rehabilitation, collaborations.
  - k) Maternal and Child Health review system as per WHO guidelines – Safe Hospital programs, “Health, safety, Healthy villages” epidemic control in the region.
  - l) Assessment and evaluation of public health project implementation, feasibility studies national health missions (DOTS, NCBB, NRHM, RCH)
  - m) Involvement of staff and students of all the 6 constitutes colleges, their community medicine department under the guidance’s of CSM on all activities - Swachh Bharat, Swasth Bharat Abhiyan service, street play, donation camps, rallies, lectures etc.
  - n) Publication of books/ booklets/ documentions/ education and training manuals, posters.

### **3.7 Collaborations**

- PIMS-DU has been successful in establishing collaborations with renowned foreign universities, industries and institutions as well as national level for community medicine, rural health care, research and extension, collaboration research and clinical trials. It has 25 international collaborations and 21 national and state collaborations.



- It has 25 MoU's of which 10 are initiated since 2011. (UK, USA, Sweedan Netherland, Japan, Hungery, Australia, European universities) with global universities of repute.
- MOU with 18 reputed industries aboard and India (to undertake 14 clinical trial, 6 accepted).
- PIMS-DU is the only private deemed university of India included in Erasmus Mundus programme with universities of European Union for teacher and student exchange.
- Participation in Lineous Palme exchange programme with universities in sweeden.
- Successful outcome of these collaborations with GO , NGO, (global and national ) are as follows

Teacher exchange programme

1.	Faculty of PIMS-DU visiting foreign university	29
2	Student of PIMS-DU visiting foreign university	11
3	Faculty of foreign university visiting PIMS-DU	53
4	Student of foreign university visiting PIMS-DU	101
5	Collaboration research projects at social medicine (14 completed to 10 on)	24 Rs 1266 Lakhs
6	Collaboration clinical trials (4+10)	14 279 Lakhs

- Pravara Innovative practice: Students of 40 foreign universities visit PIMS-DU to study and work at CSM, gets a certificate, earn 15 credits and get credit transferred to parent university (twinning). They undertake project work (19). So for 101 and students are benefitted.
- PIMS-DU has constructed an International Hostel for the benefit of foreign students. 3 experienced faculty of foreign universities act as adjust faculty/ Professor emiratus/ Visiting Professor, contributed in CDD and Extension/ Research.
- Collaborations have also helped in advanced clinical facilities (neonatology, pediatrics surgery, cancer research and treatment, PBL as learning centric approaches.
- Pravara Loni PURA Module has been instrumental in enhancing successful and meaningful international collaborative activities.

**Criteria's – IV Infrastructure and Learning Recourses**

**4.1 Physical facilities:** PIMS-DU has ensured all the needed and best physical infrastructure with the concept of PURA.

PIMS-DU is located in a totally rural backward area of Maharashtra at Loni near Shirdi/ Ahmednagar/ Nashik.

- Located on a clean green spacious campus of 115.9 acres, developed as per a master plan and land scaping.
- In all there are 10 multi storied building blocks, 5 are academic books housing all 6 constitute colleges and 5 blocks houses Pravara Rural Hospital. Total buit up area is 1,16,126 sqm.
- All the 6 Constituent Units have adequate infrastructure facilities as per the regulations of MCI/ DCI/ INC/ UGC (Class rooms, laboratories, skill laboratories museum, demo room, research lab, seminar halls, auditorium; all of them are well furnished allowing good air and natural light. AV systems as per need are provided.
- Provision of CPCSEA approved animal house (5220 sqpt) for animal experimentation and breeding, maintained by an experienced veterinary Doctor and his staff.





- Provision of 3 men's hostels (470 rooms, 1020 capacity, 27405 sqm), Hostel for women (556 rooms, 1115 capacity, 19446 sqm) supervised by rectors, managers and wardens, Hostel supervisors supported by house keeping staff. The rooms are well furnished. Provision of international center/ hostel building (108 rooms, 180 capacity 6743 sqm) and one PG and intern hostel 134 room, 268 capacity, 4195 sqm)
- PIMS-DU has ensured availability of staff quarters (64 blocks, comprising of 280 quarters; 14158 sq.m.). Now 55 new residential building blocks are nearing completion (154 flats; 9091 Sq.M.). There are 17 Residential blocks for officers and Deans.
- PIMS-DU has developed a sports ground spread over around 7.0 acres for all outdoor sports, games, athletics. It has built 2 Basket-Ball and one Tennis Court (cement flooring). Fitness Centre with multigym facilities are provided at hostels, steam and sauna bath, staff units.
- Support blocks for Canteen, Indira Kitchen, Zunka Bhakar Kendra, ART Center and other support services for civil, clerical departments, stores, Bank etc.
- Two well furnished Guest houses (Total of 47 rooms; 94 capacity; 2772 Sq.M.)
- All the basic and modern amenities are ensured on the campus (24 x 7 water, RO System, Electricity, Power backup – Diesel Generator, Solar water System, Drainage Waste Water treatment and Biowaste disposal.
- Provision of 17 elevators, 450 TR AC, fire fighting system, street lighting, CCTV, well laid out roads, pavements good landscaping gardening, greenery, vehicle parking.
- Dedicated Maintenance Department (civil engineering, electrical engineering, mechanical engineering, automobile unit, biomedical instrumentation cell with qualified engineers, skilled workers); provision for campus maintenance, gardening and 24x7 security.
- Construction of around 45% of built-up area was undertaken during last 5 years.

#### 4.2 Clinical Learning Recourse

PIMS-DU has a dedicated Multi Specialty Tertiary Teaching Hospital and Dental Hospital. It is on the same campus, near academic blocks and hostels, residential complex. Salient features are as follows:

- **Pravara Rural Hospital:** 1275 bedded hospital (970 in wards, rest in ICU, labor room, OT, wards, Casualty, Special rooms) managed by 13 clinical departments with facilities like OPD, IPD, 61 specialty clinics 8 ICU, 18 OTs (11 major +7 minor)
- All the clinical departments have sophisticated diagnostic therapeutic instrumentation- Radiology department has digital x-ray, latest MRI and CT scan USGs. Oncology has facilities for latest radiation therapy for Cancer.
- Provisions of all central facilities as per requirement- Blood bank, Central Clinical Laboratory and Pharmacy (5+1) and other support facilities (CSSD, manifold, Central Laundry, Central Kitchen, power supply and backup, water 24x7, Clinical Biochemistry (Auto analysers) working on green / dry Chemistry concept (saving water), installation of pneumatic shoot).
- FDA certified Blood bank (whole blood, components, screening, storage 24x7 service, managed by qualified personal, thrust for voluntary blood donation as a life saving strategy.
- Other facilities include Pharmacovigilance, ADR, Mortuary, Cold Storage.
- Only private Medical College in Maharashtra permitted to conduct medicolegal autopsies (1551 autopsies conducted during 2011-15. It is managed by PG department of FMT of RMC.



### **Salient futures of Pravara Rural Hospital**

- Good Clinical and nursing care and sophisticated instrumentation (Rs. 3000 lakhs), specialty and super specialty clinics (Cardiology, Neonatology, Neurology, Nephrology, Oncology and Pediatric Surgery).
- Free services at OPD, IPD, investigations and medical / surgical practices, USG (12 yrs) , X-ray (camp patients) , PICU, cataract, OT facility, physiotherapy, nursing care and support service.
- MRI, CT Scan, Dental treatment , special room, ICU, medico legal cases, radiation therapy, special investigations at CCL are offered at subsidized rates .
- 24x7 drinking water (RO), electricity, backup, security, MSW, Nurses , helpers, public address system waiting halls , wheelchairs, lift, ramps.
- SOP, stander protocols, GHP , GCP , quality control measures, committee system and supervision mechanism by MS, RMO, NS and other nursing, paramedical, technical and support staff; grievances redresses is active.
- Thrust to patient first, patient safety, patient consent, transparency, documentation and follow-up.

### **AWARDS**

- 1) PRH has won national award in 2015 for providing best service to senior citizens/ patients, conferred by president of India.
- 2) National level outstanding employer of disabled award in 2015.
- 3) Graded at A1 level by certifying agencies for the implementation of RGJAY health Insurance scheme.

### **Dentistry at Rural Dental College ( A PG-UG - Research Institution)**

- 13 Dental OPD clinics, 350 Dental chairs
- 8 Clinical sections, 5 pre-clinical labs, minor OT, sedation room, implantology section (collaboration with Noble biocare), advanced diagnostic facilities at Oral Pathology, Oral Medicine and Radiology.
- All the necessary instruments are as per DCI norms. Ensures good patient flow with strict adherence to recommended number of procedures as per DCI. Oral and Maxillofacial Sugary department utilizes the OT facility of medical hospital; Provision of well furnished updated mobile dental van, satellite dental units.
- SOPs, manuals, GHP, review, grievance redressal, patient safety, consent and follow-ups are ensured.
- Museum and laboratories at Rural Medical College as per MCI norms in all pre and para clinical departments. Pathology has digital histopathology lab for diagnostics.
- OPD of Physiotherapy – It has facilities for 5 specialization treatments.
- Nursing College – 5 laboratories as per INC.
- Centre for Biotechnology – Molecular biology Lab, Cell biology Lab, Cell Culture (plant and animal)

### **4.3 Library as Learning Resource**

Pravara Institute of Medical Sciences (Deemed University) has given emphasis for the provision of good library and its optimum utilization by the stake holders. The salient features of central library are as follows



- Situated in the Rural Medical College block's first and second floor of north western wing; built-up area of 3542 sqm, comprising stack area, circulation counter, journal section, e-library, book bank, reading rooms and provision for support service & officer, fully air conditioned and well maintained.
- Digitalized / Computerized; web based OPAC (<http://192.168.1.7.8050/LMLS/> Link . DDC Classification (Software Tech Focus LIMS Version 2.7) Powerful search engine, bar code technology, for transaction; databases.
- Rich collection for each of the colleges; separate stake section for each; 30,228 volumes; 324 print journal subscription; 10986 back volumes, 1001 theses. (5136 volumes added afresh during 12-16. Total amount spent is Rs. 511 Lakhs and 14.12 Lakhs for print and e-journals costing Rs. 190 Lakhs).
- Special Collection of text books (6754 books – Rs. 67.72 Lakhs), reference books (23474- Rs. 443 Lakhs); Book Bank (1478- Rs. 12.5 Lakhs); Question Bank (344- Rs. 57,000).
- Provision for e-library; rich collection of e-books and e-journal collection (22000), collection of CD/ DVD/ AV resources (1630); Access to e-databases and linkages with free databases (MUHS, PUBMED, Medlar, Biomed, High wire, WHO, Inflight annual review); Subscription to journals (Rs 476 lakhs during 2012-16); institutional repository – copy of PMR & DOAR.
- Provision for reading rooms (air conditioned); Total capacity 1001 (UP+PG+Staff).
- Library has good ICT and Computing facilities (50 computers; Internet – 1 GB: 18 MBPS; Web link; OPAC; WiFi), AV Hall, e-library room:
- Subscription to Elsevier's LMS package and animal Simulator.
- Library is managed by qualified Librarian and a dedicated team for Library assistance (9+10 support staff). There is proactive library advisory board, provision of budget, (for 2015-16: Books – Rs. 70.00 Lakhs; Journals – Rs. 140 lakhs: Total 225 lakh)
- Salient features include : Orientation ; User friendly ; User and reader centric; CCTV surveillance; web based OPAC, e-journals; regular cleaning, update and verification; best library user, update and verification; Best Library user award; scanning, download, bibliography, feedback analysis, service with a smile

#### **4.4 IT Infrastructure**

Befitting to the expectations of Pravara Loni, “PURA” model, PIMS-DU has given thrust to IT infrastructure activities and services on campus and off campus. The salient features are as follows:

- Practical, viable, user friendly and futuristic oriented IT policy, annual budget-provision (Rs. 130 lakhs); qualified IT professionals and support staff.
- Rich IT resources- 11 dedicated servers; 474 computers with accessories; optical fiber connectivity; WiFi, Internet access (150+ access points); propriety software, license and open software;
- LAN within PIMS-DU and WAN-15km radius connecting 10 village IT centers, 7 RHC.
- IT Usage: PACS; HIMS/ EMR, Clinical Learning packages; animal simulator; access and usage of e-library and e-data resource from library subscribed database and open resources.
- Provision of ICT enabled class room (LCD, dedicated ECMC Section to assist ICT enabled teaching material preparation and presentation, training on use of Elsevier LMS package, e-data bases; webinar, video conferencing, live video show of clinical case, OT activities on major surgery.





- MHRD- GOI has sanctioned NKN network connectivity (1GBPS). BSNL has completed the survey and has initiated steps for execution.
- Active support to ,‘e’ health programme of Pravara Institute of Medical Sciences (Deemed University) – Connecting e-health centres, video conferencing, telemedicine; Hello Doctor; Namaskar Doctor Programmes. Liaison with Krishi Vignan Kendra of Loni, BSNL and Service providers for CCTV and cable networking for education and entertainment.

#### **4.5 Maintenance of Campus Facilities**

- PIMS-DU has a dedicated engineering department (with subsections of civil, electrical, electronic) with qualified and competent staff and supporting technical staff to undertake all round maintenance of campus and its infrastructure; provision of 24X7 water, electricity back-up, waste water treatment, biowaste management, maintenance of streets, garden, lawns, street light, avenues, pavements, central AC systems, lift, fire fighting systems, CCTV surveillance, 24X7 security, solar heater, RO systems, Interior furnishings. There are dedicated work forces for housekeeping and maintenance. Maintenance is on regular basis in shifts and repair mechanism as per indent and complaint. IT and Biomedical instrument cell maintain the sophisticated computer & ICT based equipments on day to day basis and through AMC (112 with AMC Cost of Rs. 89.00 lakhs) (consumption of 5.5 lakh units of electricity per anum; 15 lakh liters of water per day)
- Salient features: a calm, quiet, green and clean campus with all the provision of ‘‘PURA’’at Loni. Adequate annual budget has been provided (Rs. 300 Lakhs approx). Energy audit and green audits are undertaken. Around 14000 Plants/ Trees/ Shrubs (medicinal 1700+; fruits 1500+; general garden plants 6000+; 200 + Varieties), organic farming, compost generation, effluent recycling, monthly review, feedback, award and incentives, aesthetic landscaping and sylvan atmosphere, are some of the salient features.

### **Criteria V: Student Support and Progression**

#### **5.1 Student Mentoring and Support**

##### **University - initiative and strategies**

- Academic Support - Orientation, induction counseling, academic calendar, handbook, prospectus, learner centric approaches (SDL, e-learning, PBL, CBL), remedial coaching challenges to fast learner (seminars, assignment, project)
- Socio Physiological Support:- Mentoring and counseling as well as class teacher intervention (personal and socio physiological, academic and co-academic)
- Co-academic Support: Communication skill, soft skill learning strategies, competence - development through practicals, skill training session, quiz , debating skill, exposure to STC, STTP, guest lecture, workshop.
- Research: Early exposure to clinical, community, research activities- research incentives- ICMS, STS; national level event INVENTUM to showcase research competence and work
- Physical Infrastructure: All the needed facilities over and above requirement of MCI /INC/DCI at colleges and hospitals; well furnished hostels, provision of quality food, supervision of Rector, provision of basic amenities
- Updated Library: Rich collection, automated (OPAC), e-library, availability of e-library, data bases, Elsevier LMS for e learning; all IT facilities with internet, Wi-Fi.



- Health, Sports and Well Being: 24 X 7 availability of medical facilities, physical fitness strategies, multi gym, outdoor and indoor facilities, steam and sauna, dedicated sport ground (7 acres Indoor & Outdoor), sport directorate, adequate budget, yoga cell, meditation relaxation, strategies.
- Economic & Financial incentive: Fellowship and scholarship, fee waiver earn and learn scheme
- Cultural and Heritage: Annual “Padmanjali” program to showcase talent. All these student support facilities, services and provision are extended through dedicated committee systems and student are involved them.
- Career Guidance – Career path identification and orientation provided.
- Other support services-
  - Scope for skill development and Competence,
  - Provision of foreign scholarship for exchange of student with foreign universities (Linus Palme scheme and Erasmus +),
  - Orientation and training towards PG CET,
  - Competitive examination and TOFFEL, USMLE, IELTS
  - Orientation towards local languages; communication skill (Language lab).
  - Placement services for student of Nursing and PT.
  - Networking, vibrant alumni forums, parents meet.
  - Grievance Redressal mechanism at all levels.
- Scope for women empowerment and security and safety.
- Students have participated in varieties of sports and cultural competition.
- Participation in all commemorative celebrations.

### **5.2 Student Progression**

- Good enrollment ; good demand ratio for Medical, Dental, Nursing and Physiotherapy
- Girls out number boys (70% in UG course), 30 % women are in PG courses, 25-30% of students are from outside Maharashtra.
- Good pass percentage (80-90 %) for results and consistently good performance
- Regular annual convocation and award of degree
- Scope to persue PG and Ph.D program on the campus
- Mandatory publication of research articles
- Institutional Ethical Committee review of dissertations, provision of research incentives.
- Good progression of male UG students to PG courses and women lag behind.
- PG students of professional health education are yet to undertake Ph.D in a regular way. Yet there are 73 students pursuing Ph.D ( available in all 34 departments; 34 Ph.D Guides)
- Institutional fellowship for pursuing full time Ph.D.

### **5.3 Student Participation and Activities**

PIMS DU encourages students to participate in activities related to extra curricular (cultural sports, literature, fine arts, drama, dance, music). It also nurtures hobbies among students. All facilities needed are extended (financial budget provision available, full placed directorate of sport, rector of hostels). Vibrant students council ensure the participation of student in extracurricular activities (at national – regional-college level). Organization of annual talent showcasing event “Padmanjali”, provide a platform. Quiz, debates are held regularly. Student have made a mark both in group event and solo even at inter university level.



Student council acts as liaison between students and university in all its endeavours. It is involved in Padmanjali and INVENTUM activities. PIMS-DU published magazine and wall magazine, (Padmanjali, Bharari, Physio mirror.)

- Students of PIMS-DU are known to participate activity in all the extension and outreach activities of CSM/PIMS-DU (COME, COHE, CAP, SHAPE, Camp, RHTC, THC, Arogya Bank, TOT, rallies, e-health care, community radio, organization of mini Marathon run for health awareness).

Thus PIMS-DU aims at all round holistic integrated overall development of its students (physical, mental, psychosocial and economic) with a service motto “to serve the poor in a rural area with empathy and compassion”

### **Criterion VI - Governance, Leadership and Management.**

**6.1. Institutional Vision and Leadership** – Pravara, Loni model of PURA for integrated rural development and comprehensive health care has become a realistic viable model, worthy of emulation by others. It was appreciated by Pandit Jawaharlal Nehru and Dr. APJ Abdul Kalam.

The credit for this initiation goes to exemplary leadership by the rare visionary, the founder of PMT and co-operative movement, Padmashri awardee Dr. Vitthalrao Vikhe Patil. It is further nurtured by Padmabhushan awardee Dr. Balasheb Vikhe Patil, veteran parliamentarian (8 times MP) and Statesman (former Minister in Union Cabinet) He dreamt and realized the establishment of a Deemed University, as the chief Managing Trustee of PMT, the parent body of PIMS –DU.

Dr. Vijay Kelkar, Padmabhushan awardee, former economic adviser to Government of India, and academic bureaucrat and exemplary leader in finance, commerce and institutional building, based on his vast experiences is providing leadership to PIMS as its Chancellor.

- PIMS –DU has well defined vision, mission, goals and objectives. It has taken action, strategies and approaches to realize its goals. It has given importance to the development of the institution in health profession education and health care as a global level institution.
- It grooms leadership at all level; encourages participating leadership, decentralized decision making process.
- It is committed to 5 core values of NAAC and is contributing immensely to realize all the 5 core values

### **6.2. Strategy of Development and Deployment**

- All the statutory bodies BOM, AC, FC, PMB, BOS, BOE are constituted as per regulation. Their meetings are held and proceedings are documented.
- Follows systematic TQM PDCA, action plan and plan of action, calendar, goal setting, bench marking and targets within time frame.
- Mechanism of seniors mentoring junior staff etc.
- Provision of Annual Plan, Action plan, projected short term goals, long term goals, and availability of budget, adequate HR facilities and support services.
- Organizational hierarchal system with well defined powers, financial aspects, expectation, transparent, accountable.
- Adherence to statues, ordinance, regulations, rules and guidelines.
- Systematic approach through statutory officers, statutory bodies in decision making and its implementation (democratic and decentralized )





- Functional autonomy to academic authorities of constituent units in their sphere without interference.
- Grievance Redressal mechanism and feedback.
- Functional-situational statutory leadership.
- Ensure welfare of all staff and students and community.
- Good HR policy, providing all institutional support in rural area.

### 6.3. Faculty Empowerment Strategies

- Continuing education units at institutions.
- Senior faculties trained in MET/advance MET, having FAIMER/ FIME fellowships, are involved in training young teachers (continuous approach). Workshop, lecture, micro teaching, TOT and assignment are adopted as per need. E learning learner centric approaches, PBL, EBL are taught.
- Regular organization of FDP/ SDP/ guest lecture, workshop, STTP, Seminars, Symposia, Conferences at PIMS-DU.
- Deputation of teachers to FDP and S/S/W/C/ outside with incentive (duty leave, TA & DA) provision for **foreign visits** on faculty exchanges programs.
- Permission to in-service faculty pursuing PhD and other value added programs.
- Self appraisal, feedback mechanism for academic and professional mentoring.
- Awards and rewards, incentives (Seed money, best researcher, project funding publication, etc)
- Provision to develop leadership ( situational, hierarchical , statutory , non statutory )
- Good number of welfare measures, grievance redressal, accommodation, basic amenities 24X 7.
- Good respect and representation to women: Women empowerment strategies.

### 6.4. Financial Management and Resource Mobilization

- Being a self financing institution, main source of income is student fees under various heads.

Extract of Income and Expenditure is as follows (Rs. In Lakhs) (Rounded off nearest number)

Income & Expenditure	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
Total income	4562	4742	5544	6287	7615	8846
Total expenditure	5446	5591	6586	6846	10071	11545
Recurring	4961	5128	5802	6388	8404	10394
Non-recurring	480	463	784	457	1166	1151

Percent distribution of expenditure is roughly as follows

Heads	%	Heads	%
Salary	45	Maintenance	6.00
Academic	8	Establishment	1.00
Research	10.0	Rent and tax	7.00
Student welfare	0.5	Welfare of staff	0.5
Adm.	17.00	Depreciation	5.0



Account Department is headed by a Finance officer. Day to day accounting procedures are on computers using Tally software (e-governance strategies- salary statements, e-banking, net banking.

- BOM, Finance committee, Fees fixation committee and PMB review the financial statement and approve the same.
- Accounts are audited regularly both internally and externally (through registered certified Chartered Accountant). There is deficit –budget (management makes good the same).
- No audit objections or complaints or misuse has been reported so far. Accountability and integrity have been ensured.

### **6.5 Internal Quality Assurance System**

PIMS-DU has given thrust to quality initiation, sustenance, enhancement and enrichment, ultimately ensuring quality assurance. Number of quality parameters of TQM ( PDCA, AAA, SWOC, Flow chart , Need based evaluation, feedback analysis , appraisal , statistical evaluation, quality indicators, institute goal setting, bench marking, perceptive planning , midterm review ) are followed in letter and spirit.

There is functional proactive vibrant IQAC as per NAAC norms. It acts as a liaison- coordinating and catalytic body in all the functional colleges of PIMS-DU. It also helps in planning and development (HR policy, research policy, student charter, CDD, pedagogic innovations and ISR activities).

It has submitted AQARs to NAAC in prescribed format. Now it is coordinating the activities related to NAAC accreditation, ISO certificate and NABL accreditation. It organizes series of workshop and awareness programs related to quality. Its aim is to institutionalize the quality culture

## **Criteria VII: Innovations and Best Practices**

### **7.1 Environmental Consciousness**

PIMS-UD has understood the importance of the organic link between personal and social health with thrust on environment and that they are inseparable. Hence in order to realize the objective of “Swachh Bharat, Swast Bharat, we have given emphasis to create environmental awareness and its protection to ensure good community health. Its strategies are as follows in brief (liasoning Departments-CSM. CM, PHD, CN, CPT)

- Introduction of environment science in curriculum.
- Through innovative programs of CSM-SHAPE, COME, COHE ( lecture, workshop, street play, camps)
- RHCs, THC, E-health centres, Arogya bank and Arogya mitra (family adaptation and school adaptation).
- Covers 234+ villages of 13 Talukas of 3 Districts.
- Organization of multi-diagnostics and mini camps.
- Realization of Pravara Loni model, address all the issues in an integrated way
- Green campus initiatives–tree plantation, good gardening, cleanliness, drainage, rain water harvesting, waste water treatment, disposal of bio-waste, organic composting.
- Green audit, energy audit, solar panel, solar water heater, LED /CFL.
- Research projects, service, collaboration and linkages with GO, SGO, NGO, SHG.
- Good land scaping and walkable distance for all building, natural light and air.
- Publication and distribution of environment protection and public health related print materials, poster, documentaries (150+)



- SOPs, manual, GHP and steps for hospital safety, radiation safety, infection control, epidemiology, vaccination, e waste management, bio-hazard waste management and so on.
- Documentation on public health.
- Involvement and networking of all stake holders, budget provision and support.

## **7.2 Innovations**

- (1) Pravara Loni model of PURA for integrated rural development and comprehensive care; appreciated by Pandit Jawaharlal Nehru and Dr. A.P. J .Abdul Kalam.
- (2) Establishment of unitary health professional education and health care university in a rural and tribal area.
- (3) Establishment of an unique multi dimensional, multi tasking, liaisoning, networking, centre called “Centre for Social Medicine” with unique program and activities-community education, training, research, outreach, ISR and service in public health.
  - Community oriented medical education and health care (COME and COHE) community academic partnership (CAP); Adaptation 5 families by a student for 5 years; Establishment of 5 RHC and 2 THC over and above MCI norms; 9 E-health centres WAN/LAN connectivity, video conferences with experts–patients; Establishment of Gram Arogya Bank at 16 remote rural areas; Concept and practice of Arogya Mitra (trained bare foot doctors with health kits)., Adaptation of school – “SHAPE program (collaborative projects); E-health program- Namaskar Doctor and Hello Doctor on community radio and video conference; Documentation films and manuals , TOT, Mother NGO.
- (4) Establishment of unique PG Department of Radiation oncology and onco therapy for education, training, research, territory health care in rural area.
- (5) Only private medical college permitted to carry out medico legal autopsies –education and social service, ISR.
- (6) 25 international Collaboration for research, exchange, extension, 24 collaborative projects, Rs. 1266 lakhs. Lineus Palme exchange program-visit to Sweden University.
- (7) Only private Deemed University in Erasmus + European scholarship program.
- (8) Unique “artificial limb centre” in a private college, appreciated by Dr. A.P. J Abdul Kalam.
- (9) Physiotherapy College named after Dr. A.P.J. Abdul Kalamji.
- (10) Establishment of UNESCO’s Bioethics chair, inclusion of Bio-ethics in curriculum along with biostatistics, environment and medical informatics.
- (11) National award for rehabilitation of PCDA –Divyangs.
- (12) National award for Geriatric Health care conferred by President of India.
- (13) Introduction of unique academic program STC, STTPs ; Certificate in social medicine and rural development for foreign student- 40 universities around global -15 credits-credits transfer –twinning; Certificate in ICT for Rural Development ; MD in Radiation Oncology : Medical, Biotech; Epidemiology ; Nursing ( 5 ) and Physiotherapy (5) specialization
- (14) Innovative Pedagogy –PBL, EBL, CBL, CAL, SDC, COME, Home care and critical illness, learning integrated teaching; Elseviers LMS, e-data bases, Unit of Biostat and MI training on PBL.
- (15) Unique national program for UG and PG research–INVENTUM and “Padmanjali” for talents





- (16) Unique territory health care -200 + free paediatric heart surgeries, 1000+ special surgical operation; minimum 2 camps / month
- (17) Energy saving /energy audit, green audit
- (18) Filing of 3 Indian patents; research on India Medicinal Plants.
- (19) Innovative and modern diagnostic and teaching tools (digital histo pathology)
- (20) Rehabilitation strategies through target intervention (HIV, Transgender, MCH)
- (21) An University with near cent percent: Residential type”

### **7.3 Best Practices**

- (1) Curricular aspects: Innovative curriculum, STC, STTPs, value additions, Twinning, CBCS.
- (2) Teaching- learning and evaluation
  - Transparent admission process, good demand ratio , increase in women enrollment
  - Innovative pedagogy, andragogy and heutogy.
  - Early clinical, research, community exposure.
  - Institutionalization of learner centric approaches (PBL, EBL, E learning).
  - Exam reform-OSPE, OSCE, MCQs, continuous evaluation, move towards portfolio management.
  - Faculty and student exchange program.
- (3) Research consultancy and extension
  - Institutional research funds, research incentives, awards, publication of peer reviewed journal, enhancement in publication, project, collaboration, clinical trials.
  - Provision of research facilities, computer aided ICT enabled therapeutic and diagnostic equipments and support at all levels. (Department, Institutional, Hospitals).
  - ICMR STS Projects: “Inventum” as means to showcase UG and PG research work at national level.
  - Proactive vibrant meaningful and result oriented extension activities – outreach training on a continuous basis; International collaboration, COME, COHE, CAP, SHAPE, RHTC, TMC, e-health centre, Arogya Bank, Arogya Mitra.
- (4) Infrastructure and learning resources:
  - Eco friendly green camps, well maintained green audit, energy audit,.
  - Residential facilities for faculties and students.
  - Modernized tertiary multi specialty hospital.
  - Practice of PURA, Library automation, PACS, E-library data base, strategies for environmental protection at levels.
- (5) Student support and progression: Orientation, Induction, Prospectus
  - Good enrollment of women students; women empowerment strategies; good progression to higher education
  - Mentoring’ earn while you learn scheme, feedback and grievance redressal, proactive alumni student council, college magazines, wall magazines. Thrust to sports and culture – “ Padmanjali”
- (6) Governance and Leadership



- Benevolent management; participatory and democratic-decentralized process. Quality initiatives –A-A-A, MET, FDPs, STPs, Staff welfare, appraisal mechanism, proactive IQAC, good financial management and audit.
- Recognition and permission by Skill Council of Maharashtra Government to introduced skill oriented vocational programmes in the field of health care and facilities, under skill India programme of Government of India.
- PIMS-DU is a member of Association of Indian Universities (AIU) and Association of commonwealth universities.
- Two national level awards for its HR policy (recruitment of physically challenged and differentially ableled- divyangs) and service to Geriatric age group of people.







**SWOC Analysis**

**Pravara Institute of Medical Sciences (DU), Loni (Bk)**

**Strength**

1. Unique Pravara Loni model for integrated rural development and comprehensive health care
2. Multi faculty university of health sciences with support facilities and multi specialty tertiary medical hospital and dental clinics, all on one campus in a rural area
3. Realization of the concept and practice of 'PURA' in letter and spirit befitting to university (State of art infrastructure, LR, IT, Hospitals, hostels, residences and campus with all facilities and needs 24x7)
4. Good academic program option, CBCS, STC, STTP and enrichment programmes
5. Unique department and center – Center for Social Medicine and PG department of Oncology and Radiotherapy
6. Good clinical resources, learning resources, IT facilities, Pedagogic innovations
7. Early clinical and community health scenario; learner centric approaches, thrust to skills and competence, good student support progression and involvement in all spheres.
8. Dedicated faculty, good demand ratio, good enrollment, least drop out, disciplined students, good enrollment of women students, women empowerment
9. Vibrant international collaboration, international faculty and student exchange
10. Good number of collaborative research and clinical trials, generation of resources
11. Proactivisation for research at all levels by all, incentives and good facilities, good publications
12. Visible extension activities, with unique concepts such as COME, COHE, CAP, SHAPE, rural e health centers, telehealth, video conferencing
13. Unique concept and practice of Arogya Mitra and Gram Arogya Bank – coverage of remote villages and tribal areas
14. International visibility, appreciation, foreign students involvement in social medicine activities
15. Adaptation of 5 families by a student for 5 years
16. Achieving millennium development goals in respect of maternal and child health
17. Integration of education – health care – community health – all stake holders, vast coverage of population, 234 villages in 13 talukas and 3 districts
18. Unique program for students – INVENTUM and PADMANJALI
19. Only private medical college in Maharashtra permitted to carry out medico legal autopsies, strengthening the rate of conviction
20. Residential accommodation to all students and faculty (needy) with all modern amenities 24x7, home away from home.
21. Eco friendly clean green campus, energy and environment audit
22. Incorporation of bioethics, bioethics chair; inclusion of Biostat, environmental science
23. National level institutional awards to PIMS-DU
24. Empanelment of PRH in rural health insurance schemes and companies

**Weakness**

1. Low thrust to fundamental and applied sponsored research projects and publications in journals with higher impact factor
2. Lesser thrust to interdisciplinary and inter faculty research



3. Seasonal fluctuations in patient flow, linked to agriculture, monsoon and migration; difficulty in follow up
4. Rural location is both a strength, weakness as well as challenge; young faculty are not attracted for a rural service and career; issues of faculty retention and attrition
5. Difficulty in getting the specialized visiting and guest faculty as well as resource persons due to rural location
6. Non availability of government health insurance schemes to special dental care, affecting poor and special children

### **Opportunities**

1. Starting the super specialty education, services and health care such as pediatric surgery, nephrology, urology, neurology, and cardiology
2. To promote inter disciplinary sponsored research with clear objectives
3. To evolve a HR policy for attracting faculty from metros to stay in rural areas
4. Institutionalization of research culture; every faculty (medical, dental, nursing and physiotherapy) can start their peer reviewed journals
5. To utilize the abundant clinical materials for research
6. To start solar energy as a means of energy conservation
7. Scope for medical tourism based on ambient air and water quality; being connected to tourist spots such as Shridi, Nashik and Aurangabad
8. To upgrade the existing PG department of Oncology and Radiotherapy as super specialty department
9. To get accreditation by NABH, and NABL

### **Challenges**

1. To get funds from national agency to a private university
2. Migratory labour population affecting the patient inflow and follow up
3. Attracting specialty and super specialty consultants to a rural area
4. Absence of clarity on health insurance policy in tertiary health care
5. Dual responsibility and accountability of clinicians between teaching, research and patient care 24X7



**Action Taken Report**

The recommendatory observations of PEER Team of NAAC during the assessment of first accreditation cycle (6<sup>th</sup> April to 9<sup>th</sup> April 2011) were considered and complied. This is very much evident from self study report submitted for 2<sup>nd</sup> cycle of Accreditation.

<b>Action Taken on PTR's Recommendations</b>	
1.	<i>Hospital and all its complements need to undergo NABH and NABL accreditation and all the administration divisions, ISO certifications.</i>
	<u>Action Taken</u> PIMS (DU), has initiated action towards NABL Accreditation of its Central Clinical Laboratory at Pravara Rural Hospital. A committee chaired by Dr. D. K. Ghosh. Head of CCL and 3 faculty members have attended training session on NABL accreditation in July 2016 at Pune. Work is in progress.
2.	<i>There is an enormous scope to project the Rural Medical College and its services to the villages as an innovative field based model for rural public health for teaching and training of medical and paramedical personnel; the holistic plan and road map of execution must be evolved though public health experts of international repute.</i>
	<u>Action Taken</u> 'Pravara Loni' Model for Integrated Rural Development and Comprehensive Health Care has been executed in letter, spirit, and action. It has yielded excellent results. International collaboration and linkages have been enhanced based on this model. Now the entire model and its activities, process and systems have been Institutionalized (Exchange programmes, collaborative research, credit transfer, University STC. Outreach program, survey). Center for Social Medicine is the nodal agency (for education, trainings, research, extension, outreach and CSR) It invites the Department of other 5 consistent Colleges for this work.
3.	<i>ALL CRR Interns are to be paid stipends as per Govt. rules.</i>
	<u>Action Initiated</u>
4.	<i>University need to institute Ph. D. research fellowship in its own budget to promote and nature research talents.</i>
	<u>Action taken :</u> Provision for sanction of Research Fellowships to pursue full time Ph. D. Programme from the University funds has been made
5.	<i>Faculty must be encouraged to submit research proposals for extramural funding and to encourage high quality research publication through performance linked incentives scheme</i>
	<u>Action taken</u> Directorate of Research has taken this initiation. Good number of projects have been submitted to funding agencies. Around 20 collaborative projects, 14 clinical trials have been sanctioned. All the 14 clinical trials and 19 projects have been completed. Few are under consideration. (Research incentive scheme, seed money, increment, hike in salary and awards have been extended).
6.	<i>Library automation and e-source augmentation should be done with end user training Programme and workshops.</i>
	<u>Action taken</u> Library have been automated / computerized, (OPAC bar coding, E- Library, subscription to E-data bases, LMS/ E- Learning sources from Elsevier). Training programmes for users have been conducted. Best Library Reader Award Instituted.
7.	<i>Examination division including the CET division should be fully modernized electronically and</i>





	<i>improved with transparent procedures including re-evaluation and provision of Xerox copies of answer scripts.</i>
	<u>Action Taken</u> Examinations Cell, CET Cell are computerized. Provision of revaluation, Photo Copy of answerbooks have been extended.
8.	<i>University level consultancy rules are to be structured with university – industry interaction center and clinical trial division.</i>
	<u>Action Taken</u> Directorate of Research has undertaken the coordination of these activities. 14 clinical trials have already been completed. Around 6 trials have undergone feasibility studies and around 6 trial are under consideration on the terms and conditions of mutually agreeable basis.
9.	<i>Looking at the extent of facilities available at the hospital, new advanced courses in some super specialties can be started.</i>
	<u>Action Taken –</u> 5 Specialization each in Nursing and COPT are introduced. Post Basic Diploma fellowships in Critical Care Nursing and Orthopedic & Rehabilitation with approval of Indian Nursing Council has been started_ from 2016 onwards, Pravara Rural Hospital has established Super Specialty clinical services in Neurology, Pediatric Surgery, Cardiology, Oncology and Oncotherapy as the foundation to establish the super specialty courses in future.
10.	<i>Salary revision is required for Non-teaching staff as per State Govt. guidelines.</i>
	<u>Action Taken</u> Pay Scales of non-teaching staff was revised in 2012-2013 and now it is in process for next revision.
11.	<i>Governance needs to be significantly improved through appropriate decentralization of power and authority at every level.</i>
	<u>Action Taken</u> All the authorities as per UGC Regulations have been re constituted. Regular meeting are held. All the posts of statutory officers have been filled. The post of HODs, the Principals and Deans have been duly filled. Decentralization of power has been ensured through specified duties and functions as per regulation and non- statutory committee system. Monthly meeting of Staff Councils at Dept. at Institutions and of officers and Dean/Principal at University level ensure participatory and decentralized mechanism.
12.	<i>University calendar incorporating MOA and Bye Laws should be published and circulated to all stakeholders.</i>
	<u>Action Taken</u> University calendar incorporating MOA and Bye Laws were circulated to all stakeholders. These are again now under preparation with UGC regulation 2016.

# *Profile of the University*



**Pravara Institute of Medical Sciences  
(Deemed University)**







**Profile of the Health Science Institution**

**1. Name and Address of the Institution:**

Name:	Pravara Institute of Medical Sciences (Deemed University)	
Address:	At/Post – Loni Bk – 413 736, Tal.-Rahata, Dist.-Ahmednagar,	
City:	Pin: 413 736	State: Maharashtra
Website: <a href="http://www.pravara.com">www.pravara.com</a>		

**2. For communication:**

**a) Statutory officers:**

Designation	Name	Mobile	Email
Vice Chancellor	Dr. S. D. Dalvi	9673007596	<a href="mailto:vcpims@pmtpims.org">vcpims@pmtpims.org</a>
Pro Vice Chancellor	Dr. Y. M. Jayaraj	9845851915	<a href="mailto:provvc@pmtpims.org">provvc@pmtpims.org</a> <a href="mailto:jayarajprovvc@gmail.com">jayarajprovvc@gmail.com</a>
Registrar	Dr. A. N. Badwe	9096035553	<a href="mailto:registrar@pmtpims.org">registrar@pmtpims.org</a>
IQAC coordinator	Dr Jayant Deshpande	9762601050	Drjayant10@gmail.com

**b). Principal / Dean / Director of Constituent Units**

Rural Medical College (RMC)	<b>Dean</b>		
	Dr. R.C. Goyal	9673008816	<a href="mailto:principal.rmc@pmtpims.org">principal.rmc@pmtpims.org</a>
	<b>Vice Principal</b>		
	Dr. S.N. Jangle	9823831044	<a href="mailto:biochemistry@pmtpims.org">biochemistry@pmtpims.org</a>
	<b>Principal</b>		
Rural Dental College (RDC)	Dr. S.A. Ganagadhar	9860079552	<a href="mailto:principal.rdc@pmtpims.org">principal.rdc@pmtpims.org</a>
Dr. APJAK College of Physiotherapy (COPT)	Dr. S.M. Khatri	9527747915	<a href="mailto:principal.cpt@pmtpims.org">principal.cpt@pmtpims.org</a>





College of Nursing (CON)	Dr. T. Sivabalan	9960783747	principal.con@pmtpims.org
	<b>Director</b>		
Center for Social Medicine (CSM)	Mr. K.V. Somasundaram	9822479395	csm@pmtpims.org
Center for Biotechnology (CBT)	Dr. Soanli Das	9730750026	director.biotech@pmtpims.org

**c) Landline telephone, STD and Fax details**

Designation	Telephone landline (STD)	Fax
Vice chancellor	O: 91-2422 – 271233	91-2422 – 273413/273442
Pro vice chancellor	O: 91-2422 – 271544	
Registrar	O: 91-2422-271343/272358	
IQAC coordinator	O:02422-271249 R: 02422-271769	
Dean RMC	O:02422-271288 R: 02422-271753	
Principal RDC	O:02422-271243 R: 02422-271755	
Principal COPT	O:02422-271243 R: 02422-271768	
Principal CON	O:02422-271756	
Director CBT	O: 02422-271350 R:02422-271384	
Director CSM	O: 02422-271391 R:02422-271725	

**3. Status of the Institution:**

- Autonomous College -
- Constituent College -
- Affiliated College -
- State University -
- State Private University -



- Central University -
- University under section (3) of UGC (act 1956) A deemed to be university
- Institution of National Importance -
- Any other (specify) -

Pravara institute of Medical Sciences, Loni is a Deemed to be University [PIMS-DU] under Section 3 of UGC act 1956; (A Deemed to be University), established on 29/09/2003. It consists of 6 Constituent Units, and all of them, located on the same campus Loni, Maharashtra. They are as follows:

1. Rural Medical College (RMC)
2. Rural Dental College (RDC)
3. Dr A.P.J. Abdul Kalam College of Physiotherapy (COPT)
4. College of Nursing (CON)
5. Centre for Social Sciences (CSM)
6. Centre for Biotechnology (CBT)

**Type of University:**

Unitary	<input checked="" type="checkbox"/>
Affiliating	<input type="checkbox"/>

**4. Type of College:**

Ayurveda	<input type="checkbox"/>
Dentistry	<input checked="" type="checkbox"/>
Homoeopathy	<input type="checkbox"/>
Medicine	<input checked="" type="checkbox"/>
Nursing	<input checked="" type="checkbox"/>
Pharmacy	<input type="checkbox"/>
Physiotherapy	<input checked="" type="checkbox"/>
Siddha	<input type="checkbox"/>



Unani	<input type="checkbox"/>
Yoga and Naturopathy	<input type="checkbox"/>
Others (specify and provide details)	<input checked="" type="checkbox"/>
(Centre for Biotechnology, Centre for Social Medicine)	

**5. Source of funding:**

Central Government	<input type="checkbox"/>
State Government	<input type="checkbox"/>
Grant-in-aid	<input type="checkbox"/>
Self financing	<input checked="" type="checkbox"/>
Trust	<input checked="" type="checkbox"/>
Corporate	<input type="checkbox"/>
Any other (specify)	<input type="checkbox"/>

**6. a. Date of establishment of the institution Deemed University Under Section (3).UGC Act 1956, vide notification F9-11/2003-U-3: 29/09/2003**

**b. In the case of university, prior to the establishment of university, was it a/an**

i. Autonomous College	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
ii. Constituent College	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
iii. Affiliated Colleges	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
iv. PG Centre	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
v. De novo institution	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
vi. Any other (specify)	.....			

If yes, date of their establishment and their earlier affiliation:

**Yes**, before the establishment of the deemed university, the 4 colleges were existing and affiliated to other universities.

SN	College/Centre	Year of affiliation		Affiliated To
		From	To	
1	Rural Medical College (RMC)	1984	1998	University of Pune



		1998	2003	MUHS, Nashik
2	Rural Dental College (RDC)	1989	1998	University of Pune
		1998	2003	MUHS, Nashik
3	Dr A.P.J.A.K College of Physiotherapy (COPT)	1997	1998	University of Pune
		1998	2003	MUHS, Nashik
4	College of Nursing (CON)	1998	2003	MUHS, Nashik

- 4 Institutions were brought under the pervue of PIMS (DU) in 2003
- 2 Institutes namely Centre for Biotechnology and Centre for Social Medicine were included to PIMS (DU) in 2005 as per UGC notification in 2005

**c. In the case of college, university to which it is affiliated:** Not applicable

**7. State the vision and the mission of the institution.**

**Vision:**

“To emerge, as an University of Excellence, in continuous pursuit of Quality, by providing globally competent higher education, especially in medical and allied science and to evolve according to need of time, with focus to serve the rural society.”

**Mission:**

- To promote, value based education and research driven health care
- To promote and facilitate development and empowerment of human resources
- To facilitate, provision of health professional education , training, research and extension activities, in primary, secondary and tertiary health care that ensures responsiveness to the needs of the society
- To serve the rural people, especially the poor and the downtrodden, irrespective of their caste, creed, race and religion

**8. a. Details of UGC recognition / subsequent recognition (if applicable):**

Under Section	Date, Month and Year (dd/mm/yyyy)	Remarks (If any)
i. 2(f)*	--	--
ii. 12B*	--	--
iii. section (3) fo UGC Act 1956	29/09/2003 UGC letter No. F9/11 2003 – 43 dtd 29.9.2003 and F9-28/2004 – 43 dtd 31.5.2005	Deemed university status granted As Deemed to be University reviewed on 27/06/2008

\* Enclose the certificate of recognition, if applicable (**Enclosure: I**)





**b. Details of recognition/approval by statutory/regulatory bodies other than UGC (MCI, DCI, PCI, INC, RCI, AYUSH, AICTE, etc.)**

Under Section/clause Statutory body	Day, Month and Year Latest visit and approval	Year of last inspection	Program/ institution	Remarks
i. MCI	MCI-37 (1) (I-11) (UG)/2015-Med/109034 dtd: 15.5.2016	2016	Rural Medical College - MBBS, MD (12), MS (5), PGD (9)	Recognized and approved
ii. DCI	F.No. V12017/84/2005-DE dtd: 19.6.2012	2012	Rural Dental College - BDS, MDS (8)	Recognized and approved
iii. INC	F. No. 02/ Apr 2016-INC dtd: 5.4.2016	2016	College of Nursing - B.Sc, P.B.B.Sc, M.Sc (5)	Recognized and approved
iv. OTPT	OTPT/Council Regd-Loni/15/972 dtd: 27.10.2015	2016	Physiotherapy - BPT, MPT (5)	Recognized and approved
v. UGC	F.9-282004-U.3 dtd: 31..5.2005  F.9-282004-U.3 dtd: 31..5.2005	2005  2005	Centre for Social Medicine - MPH  Centre for Biotechnology - M.Sc	Recognized and approved

Detail of approval as on date. (Enclose the Certificate of recognition/approval)

**(Enclosure: II)**

9. Has the institution been recognized for its outstanding performance by any national / international agency such as DSIR, DBT, ICMR, UGC-SAP, AYUSH, WHO, UNESCO, etc.?

Yes  No

If yes, name of the agency : UNESCO Chair in Bioethics



Date of recognition : 10/08/2015  
Nature of recognition : Confirmation and Approval 10/08/2015

**(Enclosure: III)**

**10. Does the institution have off-campus centres?**

Yes  No

If yes, date of establishment: ..... (dd/mm/yyyy)

date of recognition by relevant statutory body/ies: ..... (dd/mm/yyyy)

**11. Does the institution have off-shore campuses?**

Yes  No

If yes, date of establishment: ..... (dd/mm/yyyy)

date of recognition by relevant statutory body/ies: ..... (dd/mm/yyyy)

**12. Location of the campus and area:**

	Location *	Campus area in acres	Built up area in sq. mts.
i. Main campus area	Rural	115.9 Acres	55,591.74 sq. mtr.
ii. Other campuses in the country	--	--	--
iii. Campuses abroad	--	--	--

(\* Urban, Semi-Urban, Rural, Tribal, Hilly Area, any other (specify))

**13. Number of constituent institutions in the university**

Types of institutions	Total	Permanent	Temporary
Ayurveda	-	-	-
Dentistry	1	1	-
Homoeopathy	-	-	-



Types of institutions	Total	Permanent	Temporary
Medicine	1	1	-
Nursing	1	1	-
Pharmacy	-	-	-
Physiotherapy	1	1	
Siddha	-	-	-
Unani	-	-	-
Yoga and Naturopathy	-	-	-
Others (specify and provide details)			-
Centre for Social Medicine	1	1	
Centre for Biotechnology	1	1	
Total	6	6	-

14. Does the University Act provide for conferment of autonomy to its affiliated institutions?  
If yes, give the number of autonomous colleges under the jurisdiction of the University:  
Not Applicable

Yes  No  Number

15. Furnish the following information on Constituent Units:

Particulars of '6' Constituent Units of PIMS-DU	Number
a. Accredited colleges by any professional body/ies	6
1. MCI: Rural Medical College	1
2. DCI: Rural Dental College	1
3. OTPT: Dr. A.P.J. Abdul Kalam COPT	1
4. INC: College of Nursing	1



Particulars of '6' Constituent Units of PIMS-DU	Number
5. UGC: Centre for Biotechnology	1
6. UGC: Centre for Social Medicine (MCI:1, DCI:1, INC:1, OTPT:1, UGC:2)	1
<b>b. Accredited course / department by any professional body/ies</b>	
1. MCI: RMC - MBBS +MD (12)+MS (5)+PGD (9)	1+17+9
2. DCI: RDC - BDS+MDS (8)	1+8+0
3. OTPT: COPT - BPT+MPT (5)	1+5+0
4. INC: CON - B.Sc+P.B.B.Sc+M.Sc (5)	2+5+0
5. UGC: CBT - B.Sc+M.Sc	1+1+0
6. UGC: CSM - MPH	0+1+0
(MCI:1, DCI:1, INC:1, OTPT:1, UGC:2)	27 9 6 7 2 1
<b>c. Affiliated colleges</b>	--
<b>d. Autonomous colleges</b>	--
<b>e. Colleges with Postgraduate Departments</b>	6
1. MCI: Rural Medical College	
2. DCI: Rural Dental College	
3. OTPT: Dr.A.P.J. Abdul Kalam College of Physiotherapy	
4. INC: College of Nursing	
5. UGC: Centre for Biotechnology	
6. UGC: Centre for Social Medicine	
<b>f. Colleges with Research Departments</b>	6
1. MCI: Rural Medical College	
2. DCI: Rural Dental College	
3. OTPT: Dr.A.P.J. Abdul Kalam COPT	
4. INC: College of Nursing-	
5. UGC :Centre for Biotechnology	





Particulars of '6' Constituent Units of PIMS-DU	Number
6.UGC :Centre for Social Medicine	
g. Constituent Units (listed above)	6
h. University Departments	
Undergraduate	NA
Post graduate	NA
Research centres on the campus and on other campuses	
i. University recognized Research Institutes/Centres	NA

**16. Does the institution conform to the specification of Degrees as enlisted by the UGC?**

Yes  No

If the institution uses any other nomenclatures, specify.

**17. Academic programs offered and student enrolment:** (Enclose the list of academic programs offered and approval / recognition details issued by the statutory body governing the program) As on 2015-2016 academic year

Programs	Number of Programs	Number of fresh students enrolled
UG	06	329
PG - MD (12), MS (05), M.Sc (Med.04), MDS (8), MPT (5), M.Sc (Nur 05), MPH (1), M.Sc (MBT 1)	41	120
DNB	--	--
Integrated Masters	--	--
Integrated Ph.D.	--	--
PharmD.	--	--
M.Phil.	--	--
Ph.D.	34	08
Medical (21), Dental (9), Nursing (1), Physiotherapy		



Programs	Number of Programs	Number of fresh students enrolled
(1), CSM (1), CBT (1)		
Certificate Medical (2), Dent (1), Nursing (2)	05	19
Diploma PG Dipl (Med 9), PG Dipl (Nurs 2)	11	
Diploma Medical (3), Nursing (1)	4	
D.M. / M.Ch.	--	--
Sub / Super specialty Fellowship	--	--
Any other (specify)	--	--
<b>Total</b>	<b>101</b>	<b>476</b>

**18. Provide information on the following general facilities (campus-wise):**

- Auditorium/seminar complex with infrastructural facilities Yes  No
- Sports facilities Yes  No 
  - \* Outdoor Yes  No
  - \* Indoor Yes  No
- Residential facilities for faculty and non-teaching staff Yes  No
- Cafeteria Yes  No
- Health centre Yes  No 
  - \* First aid facility Yes  No
  - \* Outpatient facility Yes  No
  - \* Inpatient facility Yes  No
  - \* Ambulance facility Yes  No
  - \* Emergency care facility Yes  No
  - \* Health centre staff  
Qualified Doctor Full time  Part-time  Yes  No



- Qualified Nurse      Full time     Part-time       Yes     No
- Facilities like banking, post office, book shops, etc.      Yes     No
  - Transport facilities to cater to the needs of the students and staff      Yes     No
  - Facilities for persons with disabilities      Yes     No
  - Animal house      Yes     No
  - Incinerator for laboratories      Yes     No
  - Power house      Yes     No
  - Fire safety measures      Yes     No
  - Waste management facility, particularly bio-hazardous waste      Yes     No
  - Potable water and water treatment      Yes     No
  - Any other facility (specify).  
Round the clock security, 24X7 sanitation services  
water and electricity facilities are available

**19. Working days / teaching days during the past four academic years**

	Working days					Teaching days				
	2011-12	2012-13	2013-14	2014-15	2015-16	2011-12	2012-13	2013-14	2014-15	2015-16
Number stipulated by the Regulatory Authority	240	240	240	240	240	240	240	240	240	240
Number by the Institution	300	298	298	295	295	270	268	268	265	265

(‘Teaching days’ means days on which classes/clinics were held. Examination days are not to be included.)

All Hospital Services are available 24X7X365 days

**20. Has the institution been reviewed or audited by any regulatory authority? If so, furnish copy of the report and action taken there upon (last four years).**

Yes, accredited by NAAC in year 2011 with GCPA 2.57 with B grade



UGC review committee inspection 27/06/2008 for continuation of deemed university status.

**21. Number of positions in the institution**

Positions		Teaching faculty				Non-teaching staff	Technical staff	
		Professor	Associate Professor/Reader	Assistant Professor	Lecturer / Demo/ Tut/SR			
Sanctioned by the Government		-	-	-	-	-	-	
Recruited								
Yet to recruit								
Sanctioned by the Management/Society or other authorized bodies		-	-	-	-	-	-	
Recruited								
Yet to recruit								
Stipulated by the regulatory authority	RMC-MCI	21	54	93	152	As per MCI	As per MCI	
	RDC-DCI	06	13	10	30	As per DCI	As per DCI	
	CON-INC	03	03	08	16	As per INC	As per INC	
	COPT	03	03	07		As per OTPT	As per OTPT	
Cadre ratio		As per norms of MCI, DCI, INC and others						
Recruited		82	68	127	316	347	513	
Yet to recruit		-	--	--	-	-	-	

**22. Qualifications of the teaching staff**

Highest Qualification	Professor		Associate Professor/Reader		Assistant Professor/Sr.Lecturer		Lecturer/ Demo/ Tut/SR	
	M	F	M	F	M	F	M	F
Permanent teachers	59	23	51	17	88	39	206	110
D.M./ M.Ch.	05	--	--	--	--	--	--	--
MD/MS	48	14	30	08	60	19	--	--
Ph.D.	02	--	03	01	02	00	--	--





Highest Qualification	Professor		Associate Professor/Reader		Assistant Professor/Sr.Lecturer		Lecturer/ Demo/ Tut/SR	
	M	F	M	F	M	F	M	F
DNB	02	--	01	01	03	01	07	--
M.Sc (Med)	01	--	01	02	04	06	06	02
MDS	08	07	14	04	10	09	--	--
MPT	01	--	02	02	06	04	--	--
M.Sc. (N)	01	02	02	01	04	04	--	--
M.Sc. (Stat.)	--	--	01	--	03	--	--	--
M.Sc. (BT.)	--	--	--	--	01	03	--	--
AB/FRCS/FRCP/MRCP/MRCS/FDSRCS	--	--	--	--	--	--	--	--
M.Phil.	--	--	01	--	--	--	--	--
UG (MBBS/BDS/B.Sc.(N)/BPT)							193	109
Temporary teachers	Not applicable							
Contractual teachers	Not applicable							
Part-time teachers	Not applicable							

**23. Emeritus, Adjunct and Visiting Professors.**

	Emeritus		Adjunct		Visiting	
	M	F	M	F	M	F
Foreign University	01	--	01	--	--	01

**24. Distinguished Chairs instituted:**

Department	Chair
Bioethics (UNESCO)	UNESCO: Bioethics Chair



**25. Hostel**

- \* Boys' hostel
  - i. Number of hostels : 02
  - ii. Number of inmates : 440
  - iii. Facilities
  
- \* Girls' hostel
  - i. Number of hostels : 05
  - ii. Number of inmates : 965
  - iii. Facilities
  
- \* Overseas students hostel
  - i. Number of hostels : 01
  - ii. Number of inmates : 120
  - iii. Facilities : WiFi connectivity, ISD, Intercom, 24hrs hot water, 24X7 electric supply, laundry
  
- \* Hostel for interns
  - i. Number of hostels : 01
  - ii. Number of inmates : 79
  - iii. Facilities
  
- \* PG Hostel
  - i. Number of hostels : 01
  - ii. Number of inmates : 120
  - iii. Facilities Lodging, residential, boarding, recreation, gymnasium, indoor sports, recreation hall, Wi-Fi network, telephone, intercom, solar water heater, power back up, laundry, housekeeping, RO drinking water, medical service, 24X7water/electricity, security round the clock

**26. Students enrolled in the institution during the current academic year, with the following details:** As on academic year 2015-2016

Students	UG	PG			Integrated Masters	M.Phil	Ph.D.	Integrated Ph.D.
		PG	DM	MCH				
	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	
From the state where the	M 118	M 33	--	--	--	--	07 00	--



Students	UG	PG			Integrated Masters	M.Phil	Ph.D.	Integrated Ph.D.
		PG	DM	MCH				
	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F
institution is located	F 216	F 41						
From other states	M 19 F 15	M 22 F 07	--	--	--	--	00 01	--
NRI students	--	--	--	--	--	--	-- --	--
Foreign students	--	--	--	--	--	--	-- --	--
Total	M 137 F 231	M 55 F 48					07 01	--

\*M-Male \*F-Female

**27. Health Professional Education Unit / Cell / Department  
Medical Education Technology Cell**

- Year of establishment: 2009
- Number of continuing education programs conducted (with duration)  
Following programmes are conducted each year for UG/PG 2011-2016

- \* Induction : UG-5 PG-5 Interns-11
- \* Orientation : UG-5 PG:-5 Interns-11
- \* Refresher : NA
- \* PG :Communication Skill-5,  
Research methodology workshop-5

**28. Does the university offer Distance Education Programs (DEP)?**

Yes  No

If yes, indicate the number of programs offered.

Are they recognized by the Distance Education Council?

**29. Is the institution applying for Accreditation or Re-Assessment?**

Accreditation  Re-Assessment

Cycle 1  Cycle 2  Cycle 3  Cycle 4



**30. Date of accreditation\* (applicable for Cycle 2, Cycle 3, Cycle 4)**

Cycle 4: ..... (dd/mm/yyyy), Accreditation outcome/Result .....

Cycle 3: ..... (dd/mm/yyyy), Accreditation outcome/Result .....

Cycle 2: ..... (dd/mm/yyyy), Accreditation outcome/Result .....

Cycle 1: **16/09/2011**, Accreditation outcome/Result **B+**

\* Enclose copy of accreditation certificate(s) and peer team report(s)

**(Enclosure: III)**

**31. Does the university provide the list of accredited institutions under its jurisdiction on its website? Provide details of the number of accredited affiliated / constituent / autonomous colleges under the university: Not Applicable**

**32. Date of establishment of Internal Quality Assurance Cell (IQAC) and dates of submission of Annual Quality Assurance Reports (AQAR).**

IQAC            14/08/2007

AQAR (i)    2011-2012    08/12/2015

(ii) 2012-2013    06/05/2016

(iii) 2013-2014    12/08/2016

(iv) 2014-2015    08/09/2016

(v) 2015 -2016    To be submitted in the month of October 2016

**33. Any other relevant data, the institution would like to include (not exceeding one page).**





# *Criterion - I*

## *Curricular Aspects*



**Pravara Institute of Medical Sciences**  
**(Deemed University)**







**CRITERION I: CURRICULAR ASPECTS**

**1.1 Curriculum Design, Planning and Development**

**1.1.1 Does the institution have clearly stated goals and objectives for its educational program?**

Yes, Pravara Institute of Medical Sciences, a Deemed to be University under section 3 of UGC Act 1956, popularly known as PIMS-DU and / or Pravara University has clearly stated goals and objectives for its educational programmes offered through 6 constituent units, located on a common unitary campus in a rural area. The education programmes are mainly in the field of professional health sciences – Medical, Dental, Nursing, Physiotherapy, Social Medicine and Medical Biotechnology. The goals and objectives are based on the vision and mission of parent body – Pravara Medical Trust (PMT) and PIMS-DU. They address the aims and objectives, as well as expectation of all stake holders – students, parents, society, peers, industry, regulatory bodies and government at global as well as local level.

**1.1.2 How are the institutional goals and objectives reflected in the academic programs of the institution?**

The goals and objectives of PIMS DU are clearly reflected through the diverse academic programmes offered in the field of professional health sciences, health care and community health, aiming at a global humane motto of community health care for all at door steps, all the time, any where any time. All the academic programmes have the approval of concerned statutory and regulatory bodies and government. The academic programmes are offered through 6 Constituent Units/ units of PIMS – DU:

1. PIMS-DU’s Rural Medical College (RMC)
2. PIMS-DU’s Rural Dental College (RDC)
3. PIMS-DU’s College of Nursing (CON)
4. PIMS-DU’s Dr. APJ Abdul Kalam College of Physiotherapy (COPT)
5. PIMS-DU’s Centre for Social Medicine (CSM)
6. PIMS-DU’s Centre for Biotechnology (CBT)

**The academic programmes are as follows:**

	UG	PG	PGD	Ph.D (Subject)	Diploma	Certificate
RMC	MBBS	MD & MS (17) M.Sc. (4)	PGD in 9 subjects	Yes (21)	DMLT DOPT DOPT-A	CMLT X Ray Tech.
RDC	BDS	MDS (8)	-	Yes (9)	--	1
CON	B.Sc. P.B.B.Sc	M.Sc. (5) subjects.	PGD in 2 Subjects	Yes (1)	RGNM (1) (MNC)	2
COPT	B.PT.	MPT (5 subjects)	--	Yes (1)	--	--
CSM	--	MPH	--	Yes (1)	--	--
CBT	B.Sc.	M.Sc.	--	Yes (1)	--	--
Total	06	41	11	34	04	05

- RMC offers MBBS, MD and MS (17), PGD (9), M.Sc. (4), DMLT, DOPT, DOPT-A, CMLT and X-ray Tech. as well as Ph.D programmes. In all the subjects.
- RDC offers BDS, MDS (8), certificate and Ph.D. programmes in all the subjects.
- CON offers B.Sc.(N), P.B.B.Sc.(N), M.Sc.(N) / (5 Specialisations), Diploma in Nursing (RGNM) Certificate in Post Basic Diploma in Critical Care Nursing and Orthopedic and





Rehabilitation Nursing, and PhD programme

- COPT offers BPT, MPT (5 Specialisations), and Ph.D. programme.
- CSM offers MPH,/M.Sc., Certificate course in Social Health and Development, Certificate course in ICT in Rural Development as well as Ph.D. It also offers training programmes leading to certification and credit transfer.
- CBT offers M.Sc. (Integrated), B.Sc (life sciences Biotech). M.Sc (Medical Biotechnology) and Ph.D. programme.

Apart from 6 academic colleges / centres, PIMS-DU also caters to the patient care, rehabilitation care through its following constituent units:

- Pravara Rural Hospital (Teaching hospital for RMC, RDC, COPT and CON)
- Rural Dental Hospital (Teaching hospital for RDC, CON, COPT and RMC)
- Pravara Physiotherapy Centre (Teaching OPD for COPT and RMC)
- PHCs, UHTC, RHC's, Satellite hospitals, Mobile Clinics, e-Health Services (Telemedicine)
- Pravara Arogya Banks, Arogya Mitra, Kendra and Community Health Centres.

The goals and objectives of PIMS-DU, PMT and its constituent units are reflected in their academic programmes, health care facilities, systems and comprehensive care at primary, secondary and tertiary level. Emphasis is given to inter disciplinary, inter faculty and transdisciplinary professional health education and care. They are also reflected through website, prospectus, brochures, handbook, extension and outreach programmes (rallies and camps), stakeholders meet as well as networking. It is also reflected through the participation in national and international health mission projects, meetings and programmes.

**1.1.3** *Does the institution follow a systematic process in the design, development and revision of the curriculum? If yes, give details of the process (need assessment, feedback, etc.).*

- PIMS-DU follows a well defined systematic process in the designing and development of curriculum by following the regulatory provisions of statutory bodies – UGC, MCI, DCI, INC and MHRD/MHFW.
- PIMS-DU has constituted – three faculties – Medicine, Dental, and Allied Health Sciences. Each faculty has Board of Studies with internal and external subject experts to frame the curriculum aspects – regulations, design of curriculum and syllabus, method of examination, evaluation, standards of passing and award of degree and certificate.

**A) Faculty of Medicine and Board of Studies (BOS):** The Dean of Faculty coordinates the activities of BOS. These boards are functioning for both UG and PG courses.

There are 8 Boards of Studies under the Faculty of Medicine.

- 1.BOS in Pre clinical subjects (Anatomy, Physiology, Biochemistry)
- 2.BOS in Para clinical subjects (Pathology, Microbiology, FMT, Pharmacology)
- 3.BOS in Community Medicine & Allied Health (CM and Others)
- 4.BOS in Clinical Medicine and Allied Subjects – Group I (Medicine, Skin & VD, Psychiatry, Pulmonary Medicine)
- 5.BOS in Clinical Medicine and Allied Subjects – Group II (Radiology and Radiotherapy & Oncology)
- 6.BOS in Clinical Surgery and Allied Subjects – Group I (Surgery, Orthopedics, Anesthesiology)
- 7.BOS in Clinical Surgery and Allied Subjects – Group II (ENT and Ophthalmology)



8. BOS in Reproductive and Child health (OBGY and Pediatrics)

**B) Faculty of Dentistry:**

1. BOS in Dentistry – Group I (Human Anatomy, Human Physiology, Biochemistry, General Pathology, Microbiology, Pharmacology)
2. BOS in Dentistry – Group II (Dental Anatomy, Dental Materials, Preclinical Prosthodontics, Preclinical Conservative Dentistry, Oral Pathology)
3. BOS in Dentistry – Group III (General Medicine, General Surgery)
4. BOS in Dentistry – Group IV (Conservative Dentistry and Endodontics, Prosthodontics, Oral and Maxillofacial Surgery, Periodontics)
5. BOS in Dentistry – Group V (Pedodontics, Orthodontics, Oral Medicine and Radiology, Public Health Dentistry)

**C) Faculty of Allied Health Sciences:**

1. BOS in Social Medicine
2. BOS in Nursing Sciences
3. BOS in Physiotherapy
4. BOS in Biotechnology

The Faculty and Board of Studies follow six stage approaches for the CDD.

**Stage 1: Need Based Assessment** – “based on status, expectation, relevance, feedback, and review (local-regional-national-global needs and expectations)”

**Stage 2: Design and Development of Curriculum:**

- Revision of existing curriculum, course/programme
- Formation of innovative course / programme
- Direction of Statutory Bodies and Government
- Guidelines of International Bodies like WHO
- Model curriculum and bench marking as well as future plan perspectives.

**Stage 3: Drafting of Syllabus** for the course by BOS (and Approval by faculty; based on CDD workshops, subject committee meeting and peer advice)

**Stage 4: Approval of Curriculum** (design, regulation, syllabus by BOS, Faculty, AC and BOM in case of regulation)

**Stage 5: Implementation of Curriculum / Syllabus.**

- Information through notification, circulation, website and booklets.
- Awareness through workshops, orientation programmes and continuing education programmes (MET).

**Stage 6: Review and Restructure of Curriculum.** (revision of syllabus – major or minor at regular interval)

**Salient Features:**

- Fulfilling national and global expectations and needs.
- Compliance to statutory requirements (MCI / DCI / INC / UGC).
- Focus on learner centric approaches.
- Emphasis to pedagogic innovation in curriculum transaction and delivery: well defined learning objectives and learning outcome.
- New examination / evaluation methods – exam reforms
- Adoption of credit based system wherever feasible

**1.1.4 *How does the curriculum design and development meet the following requirements?***

**Preamble:**

PIMS-DU while framing the curriculum, has kept the following aspect as the basis:



- Global trends in professional health science education and health care (primary, secondary and tertiary)
- Emergence of new disciplines, specialization subjects, methods and approaches
- New therapeutics, diagnostics and surgical procedures
- Impact of changes in life style, food habits, international migration, intercontinental travel and movement, climate change, environmental pollution, biochemical hazards, natural calamities, disasters, manmade disasters, war fare, health tourism.
- Emergence of new diseases, new pathogens, disorders
- Malnutrition / hunger; intricacies of poverty and personal health; public health.
- Life expectancy, longevity, human and gender developmental indices
- Health economy, cost effectiveness, alternative systems.
- Involvement of global, national, regional community based health P-P-P models.
- Emergence of medical and molecular biotechnological approaches, fast tract sensitive methods
- Demographic and epidemiological transition
- Human rights, civil / fundamental rights, directive principles leading to welfare state.

**Based on the above mentioned aspects, PIMS-DU has ensured the following requirements in the CDD.**

#### **Community needs in CDD**

- The curriculum of course related to community medicine, public health dentistry, community care nursing, social medicine and public health has laid greater emphasis on understanding community needs with reference to professional health education (medical / dental /nursing/ physiotherapy /social medicine)
- Academic programmes to directly address the understanding of community needs and their management
- MD – Community Medicine; Master of Public Health; M.Sc. – Public Health; MPT – Community Physiotherapy, M. Sc. Community Nursing
- Both content and delivery of curriculum has emphasis on public as well as private health with special reference to rural area.
- Community based learning is ensured through visit / posting to PHC, UHIC, RHTC and community health kendras.
- Active participation in global and national health mission
- Introduction of environmental studies, bioethics and value education in curriculum
- Mandatory participation and involvement in health camps (rural /school /slums /special homes), rallies, street plays, awareness workshop cum demonstration
- Adoption of family of a village by every student for five years. (duration of the course)
- Provisions to ensure community needs in CDD and curricular transaction  
Location of PIMS-DU and their teaching hospital is in a rural area, providing modern tertiary urban health care facilities, ensure flow of patients (at OPD /IPD), enhancing abundant variety and diversity of clinical materials to learn and care.
- Community needs vis-a-vis health care. Provision of PHC's, RHTC's, UHTC's, Village Arogya Kendra, Tribal Kendra, Tele medicine, Mobile Clinics (diagnostic / therapeutics).

#### **Professional skills and competencies**

- Academic programmes offered at PIMS-DU are all of professional nature, ensuring a blend of knowledge, skills, professional skills and as per the requirement of professional health sciences student.



- It is ensured through specific learning and result oriented curriculum transactions – demonstration, practical, skill lab exposure, direct hands on experience, postings to laboratories, PHCs, OPD/ IPD / OT, diagnostic laboratories, therapeutics units, medical, surgical and nursing interventions, rehabilitation strategies, computer simulation, computer modeling studies.
- Recording and maintenance of practical journal, log books, case based studies, problem based learning, CME, CPC, CM, OSPE, OSCE, CPE, CNE, CDE, CBTE.
- Periodic training, organization of workshops on latest procedures and equipments.
- Focus on soft skill, global competencies (soft and hard), multilingual competency, ICT and e-learning strategies.

#### **Research in thrust and emerging areas**

- Mandatory dissertation work and its submission at all PG programmes of PIMS-DU; mandatory additional project work for MDS students.
- Provision and facilities to ICMR-STC project by UG students.
- Compulsory training on research methodology, biostatistics, statistical e- packages.
- Well defined institutional research policy, proactive “Institutional Ethical Committee” (approved and registered)
- Designation of a Professor as Director for Research
- Provision of research facilities at 3 levels, namely – department, institutional, university.
- Training to utilize / operate therapeutic and diagnostic equipments for research purpose.
- Identification of research thrust areas in each department based on global, national level trends and availability of clinical material and latest diagnostics.
- National level seminar “INVENTUM” at PIMS-DU, exclusive for UG and PG students, to present their research work. It is enlisted to earn grade points.

#### **Innovation**

- PIMS-DU has introduced number of PG diploma / certificate programmes at its constituent institutions
  - RMC: MD in Radiotherapy, M.Sc. in Anatomy/ Physiology/ Pharmacology/ Microbiology, Courses in Optometry/ OA/ Bioethics.
  - RDC: programmes in Implantology, Cariology, and Prosthetics.
  - CON: Diploma/ Certificate/ fellowship in emerging areas of nursing- Post Basic Diploma in Critical Care Nursing, Post Basic Diploma in Orthopedic and Rehabilitation Nursing, Certificate course in Pediatric and Neonatal Nursing, Patient Assistant Course, Geriatric Nursing, Yoga and Health, Operation Theater Technique , and In -vitro fertilization.
  - CSM: M.Sc./ MPH in Public Health, Diploma/ Certificate/ training programmes in Social Health and Development and ICT for Rural Development (Twinning /Credit transfer with foreign university)
  - CBT: Integrated UG-PG programme in Medical Biotechnology; adoption of CBCS.
- The curriculum of PIMS-DU has also brought out innovations in their curricular, transactions, pedagogic and evaluation process (evidence based medicine, community based/ computer assisted/ problem based learning, learner centric approaches)
- Environmental studies, bio ethics, biomedical statistics and research methodology are included in the curriculum.
- Emphasis on “beyond curriculum scholarly activities”.

#### **Employability**

PIMS-DU has a direct emphasis in professional health education (in the faculty of medicine,





dentistry, nursing, physiotherapy, social medicine, medical biotechnology). Hence the graduates and post graduate students coming out the portal of their institution after earning knowledge, skills, professional and global competence are totally employable at govt / private/p-p sector or select few become entrepreneurs or private practitioners. Emphasis is also given to sharpen the intellect, skills through career counseling and guidance. Based on the large demand for post graduates and specialists, the UG students of PIMS-DU prefer post graduation studies here or elsewhere. PIMS-DU with its good profile of UG, PG, PG Diploma programmes, train their students who are directly employable or undertake practice or entrepreneurship. University has a career guidance cell.

**1.1.5 To what extent does the institution use the guidelines of the regulatory bodies for developing and/or restructuring the curricula? Has the institution been instrumental in leading any curricular reform which has created a national impact?**

- It is mandatory to follow the guidelines, regulations and curriculum framework / design framed by statutory bodies MCI, INC, DCI, UGC. Accordingly PIMS-DU has developed its CD regulation as per MCI, INC, DCI, and UGC, IAPT and other regulatory bodies. There is limited flexibility for independent view and review on curricular design and frame work. However being a Deemed University, we facilitate the inclusion of recent advances, trends and minor adjustment in syllabi.
- The BOS frame the syllabus (unitized with defined learning objectives, outcome and expectation) and the same is approved by BOS and AC.
- As per the UGC guidelines, CBCS is being adopted to frame the regulation for M.Sc. in Medical Biotechnology and MPT/BPT
- Environmental studies, research methodology, biomedical statistics are included as per the guidelines of UGC. Pre-Ph.D course work is mandatory
- Bioethics is introduced as per the guidelines of WHO/ UNESCO.
- OSCE, OSPE, integrated teaching, problem based learning and teaching strategies are introduced.
- Select teachers have undergone training in CDD at national level through participation, membership and fellowship.

**1.1.6 Does the institution interact with industry, research bodies and the civil society in the curriculum revision process? If so, how has the institution benefitted through interactions with the stakeholders?**

- The opinion, suggestion and feedback of all stake holders (researchers, industrial / experts, health care professionals, public health professionals, of government, semi-government, non-government and public organization, alumni) are taken while introducing a new course / programme, while framing its curriculum design and framework, and formulating its transaction and delivery. They are invited for meetings and workshops related to CDD.
- Through such interactions (meetings/ dialogues/ suggestions/feedback/ review) PIMS-DU is benefitted immensely leading to the introduction of new courses/ curricular revision.
- During international and national seminars/ workshops, experts/ resource persons have given valuable insight towards health care and professional health education specially related to rural health and occupational health (International conference on agricultural and



occupational health care)

- International experts have visited PIMS-DU and given valuable suggestions on CDD, TLE and R and D.
- Through teacher and student exchange programmes under Lineus Palme Programme and Erasmus+ our teachers interacted with teachers of universities abroad like Sweden, Denmark, USA, Uganda, South Africa, Norway. Similarly teachers from other countries like Sweden, Denmark visited us.
- Thus courses offered by CSM, COPT and CON are fine tuned to ensure inter-disciplinary, trans-disciplinary approaches and international relevance.
- National and International resource and experts involved in our collaborative research work and health missions have also contributed their expertise in CDD.

### ***1.1.7 How are the global trends in health science education reflected in the curriculum?***

PIMS-DU has noted the following global trends that has influenced and impacted the CDD. Select illustrations are as follows:

- Public and personal health standards
- Emergence of new communicable disease (Zika, Ebola, Hunta etc); re-emergence of MDRT, Malaria, Hepatitis, Dengue, Chikengunya, Swine Flu and others; emergence and re-emergence of drug resistant micro organisms.
- Increase in lifestyle disorders (diabetis, hypertension, anxiety, stress, depression) malnutrition, obesity, auto immune disorders.
- Child health, Maternity health, Geriatrics, Vaccination, Demography and Epidemiology.
- Usage of ultramodern ICT enabled fast track therapeutic and diagnostic methods/tests, medical informaties, telemedicine, molecular diagnosis.
- Emphasize on prevention, control and rehabilitation
- Minimal invasive surgeries, laproscopic surgeries
- Molecular biological approaches, genetic studies, stem cell research, organ transplantations.
- WHO guidelines on antibiotics, epidemiology, demography, quarantine rules, trauma care,
- Health economy, health equity, health capital, human rights
- Comprehensive health care, rehabilitation
- The BOS and faculty have considered those aspects along with national expectation and trends while framing and drafting the CD framework / syllabi/ curricular transaction.

### ***1.1.8 Give details of how the institution facilitates the introduction of new programs of studies in its affiliated colleges.***

PIMS-DU facilitates the introduction of new programme in its Constituent Units/centers through following strategies and considerations

- Need based analysis (based on suggestions, feedback, status report, demand-supply studies, futuristic scenario, national and global trends, management initiatives)
- Directives / guidelines of government, statutory bodies
- Feasibility, practical aspects, financial viability and utility for student, public/ society/ nation, parent, management and other stake holders

### ***1.1.9 Does the institution provide additional skill-oriented programs relevant to regional needs?***



PIMS-DU has introduced following diploma, certificate and training programmes relevant to regional needs.

<b>RMC</b>	
<b>Diploma in</b>	i) DMLT ii) D. OPTOMETRY iii) D. OPTO Asst.
<b>Certificate in</b>	i) CMLT ii) X-ray Technician
<b>STTP</b>	i) BLS ii) ACLS iii) PALS
<b>TP</b>	i) Medical Officer ii) Anganwadi Workers iii) NGO, Social Worker
<b>RDC</b>	
<b>STTP</b>	i) BLS ii) Rotary Endodontics iii) Composite restorations iv) Conscious Sedation with Nitrous Oxide- Oxygen v) Bleaching vi) Crown preparations for fixed Prosthodontics vii) Porcelain Laminates viii) Forensic Odontology ix) Post and core. x)Lasers in Dentistry xi) Surgical Periodontics xii) Splinting in Traumatized teeth. Xiii) CBCT
<b>CON</b>	
<b>Diploma</b>	1). Post Basic Diploma in Critical Care Nursing 2). Post Basic Diploma in Orthopedic and Rehabilitation Nursing
<b>Certificate</b>	1)Pediatric and Neonatal Nursing 2)Patient Assistant Course 3) Geriatric Nursing 4)Yoga and Health 5) Operation Theater technique 6) In vitro fertilization
<b>CSM</b>	
<b>Certificate in</b>	1. Certificate course in Social Health and Development 2). Certificate course in ICT in Rural Development
<b>STTP</b>	1) Medical Officer 2) Anganwadi Workers 3) NGO, Social Worker 4) Foreign student

All the clinical and para-clinical / para-medical departments offer training programmes to PG/UG/Interns/ Senior and Junior Resident on new instrumentation, therapeutics, diagnostics, health care procedures, rehabilitation stages. Expert in relevant field are invited as resource persons.

MET and continuing education units of colleges also conducts training on skill development and hands on experience.

Research methodology workshops are organized regularly for PG/PhD students and faculty by Directorate of Research.

The institutions conduct CME, CM, CPC, and other FDPs/SDPs at regular intervals to increase skills and competence.

Teachers and students are deputed by PIMS-DU to participated in skill oriented workshop organized by national /state agencies, health missions and training institutions.

**1.1.10 Explain the initiatives of the institution in the following areas:**

**Behavioral and Social Science.**

- Establishment of centre for social medicine, a unique centre to undertake academic training, research, extension and outreach activities, sponsored by international and national agencies (with government and public sectors).
- Introduction of M.P.H. , diploma and certificate course in social medicine, public health.
- Training of Indian and foreign students on social medicine/ public health- practice of credit transfer and twinning approach.
- Components of sociology, psychology, human rights, family, duties and responsibilities of



parents, environmental sciences, demography, epidemiology, geriatrics are taught to students by the department of community medicine, public health dentistry, community physiotherapy and community nursing, centre for social medicine.

- Department of psychiatry, through their teachers and psychologists/ counselors/ medical social workers impart skill and knowledge on sociology and behavioral sciences to students and interns.
- Best practices of PIMS-DU in this regards is the adoption of 5 families of a village by a student of PIMS-DU at the time of admission till the completion of course i.e. for 5 years.
- The COPT through their yoga and meditation programmes “Art of Living” strategies, teach the concept of “sound mind and sound body”
- Counseling and mentoring addresses the issues of social and personality dynamics, etiquettes, care and share strategies.
- All the medical/ dental/ nursing/ physiotherapy/ social medicine students are taught the art of taking patient’s history and communication with patients and attendant in their native language, understanding their cultural aspects, social rituals and traditions. Emphasis has been given to maintain and protect human dignity and self respect, confidentiality accountability and mass psychology.

#### **Medical Ethics / Bio Ethics / Nursing Ethics.**

- PIMS-DU has a full pledged center for Bioethics, Bioethics Chair established as per the guidelines of WHO/ UNESCO/ ICMR/ Govt. of India. The faculties of this centre have attended international bioethics conventions. They conducted orientation classes for all students on bioethics.
- PIMS-DU has a registered Human Ethics Committee with Central Government, approved by DGCA, Animal Ethics Committee with CPCSEA to scrutinize the research proposals and their clearance or otherwise.
- This committee ensures the strict compliance to ethical codes of ICMR declaration of Helsinki, human rights, WHO declarations from time to time.
- The MCI, INC, DCI regulations governing professional integrates and ethics are made known to students and interns.
- The ICMR guidelines 2016 on bioethics, ethical guideline and biomedical research are followed strictly.
- Professional ethics for nurses as per International Council for Nursing is followed and taught to nursing students.
- Students are made to swear Hippocratic Oath and other relevant oaths.
- PIMS-DU’s center for bioethics has published a Book on Bioethics (published by Jaypee Brothers Company). This is one of the best comprehensive book available at present in India.

#### **Practice Management towards curriculum and/or services.**

##### **➤ For curricular implementation/ transaction/ delivery:**

- Display on notice boards, time table, advance teaching plan, clinical and community posting (OPD/ IPD/ OT/ PHC/ UHTC/ RHTC). Rotating housemanship for interns, maintenance of log books , practical journals, review of teaching diaries, continuous internal assessment, OSPE, OSCE, digital feedback and its analysis, biometric attendance system, posting of PG to interdisciplinary departments.
- Organization of clinical meetings, CME, CDE, CNE, CPC, PBL sessions, CBL sessions.

##### **➤ For health care:**





- Clinical postings, rotating housemanship, logbook maintenance, preparation and submission of case papers (IPD/OPD), discharge certificates.
- Regular meeting of hospital infection control, tumor board, mortality audit and CM, CPCs.
- Rotating Plan for the posting of nursing and paramedical staff and their coordination.
- Development and follow-up of SOPs, manuals and handbooks.
- Rajeev Gandhi Jeevandai Arogya Yojana facility is available for patient treatment.
- Drug Audit is done regularly.

**Orientation to research:**

Following are the strategies:

- Constitution of committee – Research promotion, Medical Ethics, Animal Ethics, Bioethics
- Creation of Directorate of Research; Provision of seed money for research; Incentives for researchers; research projects, research facilities
- Creation of state of art facilities (at therapeutic, diagnostic and research – teaching level)
- Workshop on research methodology for UG, PG and Ph.D. students, functional biostatistics and medical informatics unit, Bioethics unit
- Publication of scientific peer reviewed research journal – **Pravara Medical Review – ISSN Journal**
- Arranging a national seminar, exclusive for PG UG researchers – at PIMS-DU called “INVENTUM”
- Award of best researchers – **Chancellors Rolling Trophy**
- Provision for TA, DA and registration fees for participation in conference/ seminars; Well defined research policy of PIMS-DU; visit of prominent personalities/ researchers/ experts to PIMS-DU; Identification of thrust area of research
- Functional and vibrant collaboration in research (national and international); Central and departmental clinical diagnostic laboratory with auto and semi auto analyzers; State of the art instrumentation (diagnostics and therapeutics) of radiation imaging and radiation therapy
- Mandatory pre Ph.D. programme for doctoral student; Mandatory submission of PG dissertation and PG projects
- Promoting UG students to undertake ICMR STS projects
- Relevant LRs, e-Learning resource, databases and ICT facilities
- Analysis of publication data; Patent filed; Clinical trials
- Quality publication and Shodh Ganga Liasioning

**Rehabilitation:**

Being an “Institution with special emphasis on tertiary health care and specialist services” focus is also on rehabilitation. Select illustrations are as follows:

- Dr. A.P.J Abdul Kalam College of Physiotherapy assemble and distributes equipments/ triangles/ prosthetics for physically challenged differently abled (Divyangs) persons – a practice appreciated by Dr. APJ Abdul Kalam during his visit to PIMS-DU in year 2005. (Hence the College of Physiotherapy is named after him Dr. APJAK COP). Creation of artificial limbs centre and its proactive functioning on prosthetics.
- Government sponsored scheme for assembly and distribution of prosthetics
- OPD of Physiotherapy offer treatment and rehabilitation service to needy
- Disaster Management Cell is functional at PIMS-DU to take care of rehabilitation during natural calamities.
- Following departments offers and undertake rehabilitation programmes:



- Pulmonary medicine (COPD and TB);
- Dermatology and Venereology (AIDS, STD, Leprosy)
- Orthopedics and Trauma Care (prosthetics for deformities, limbs, joint replacement etc)
- Physiotherapy OPD and IPD, strategies for rehabilitation
- Oral Medicine (Oral Cancer)
- Oncology and Oncotherapy (Cancer management)
- ENT and Oral & Maxillofacial surgery (Cleft palate, lips)
- Orthodontics (Rehabilitation of defect jaws/teeth/ dentition)
- Prosthodontics (Prosthetics in dentistry)
- CM and PHD (deaddiction tobacco, cigarettes)
- Psychiatry (mental disorders, phobia and procrastination, depression, stress)

**Ancient scriptures practices:**

- APJAK COPT provides regular training and therapeutics practice to needy stake holders in yoga and meditation. It is also part of curriculum.
- The researchers are working on the scientific aspects of Indian medicinal plants and spices, as a research thrust area.
- Select teacher who have undergone training in Indian Nutritional Medication Systems, Vipashana, teach the stake holders on its values.
- There is proposal to establish centre for tribal medicine at PIMS-DU (as we have tribal area in our jurisdiction)

**Health Economics:**

Since PIMS-DU is located in totally a remote area, providing modern allopathic treatment (which revolves around latest therapeutics, diagnostics and global level health care). Economic component especially the affordability, cost effectiveness and medical ethics assumes importance. Hence students are taught the following aspects:

Health economics, cost cutting, social health management and marketing, utility of government services, provision of health insurance sector, services and consultancy, subsidized latest / diagnostics and therapeutics, generic medicine, antibiotic policy, minimal invasive surgery, utility of multidisciplinary camps, practice of telemedicine, ICT in medicine (Mobile apps, yearly checkup of families) adoption of families by students, Arogya Mitra and Arogya Bank concept and practice, mobile vans. (In fact it is the best practice of PIMS-DU given at 7.3 of SSR)

PMT, the parent trust of PIMS-DU being a charitable organization, is serving rural masses through co-operative movement, encompassing agriculture, dairy farming, agri-industry, health, employment, housing, education, community development. This was appreciated by our national leader (Late) Pandit Jawaharlal Nehru as “PRAVARA MODEL OF RURAL DEVELOPMENT”.

Hon’ble Dr. APJ Abdul Kalam (Former President of India) has appreciated the concept of Pravara Model, which is his pet concept of “PURA”

PIMS-DU is empaneled in the list of hospital institutions covered under govt. health insurance schemes for tertiary super specialty services. (Rajeev Gandhi Jeevandai Arogya Yojana of Government of Maharashtra).

All researchers of PIMS-DU are entitled to utilize all research and clinical facilities free of cost

**Medico legal issues:**

Forensic Medicine and Toxicology department (UG/PG/Research department) of RMC PIMS-DU provide teaching and awareness on medico legal issues and it has the provision for moot court.



It is the only department among the private medical college hospitals in Maharashtra, which is permitted to conduct medico legal autopsies.

The university is formulating a policy of indemnity insurance for all of its faculty and staff.

**Enhancement of quality of services and consumer satisfaction**

- Compliance of all norms and guidelines of MCI, DCI, INC, MFW, MHRD, UGC, ICMR and AYUSH
- Updating of all SOPs, Quality policy, feedback analysis,
- Functional proactive committees at hospital level (Hospital Infection Control Committee, Mortality Audit, Tumor Board, Maternity and Child health, Pharmacovigilance, ADR, Antibiotic Policy, Grievance Redressal Committee, Liaison with Govt. schemes and health insurance schemes)
- Provision of Biomedical safety, Padiation safety measures,
- Provision of Indira Kitchen, Zunka Bhakar Kendra, ART centre, Dharmashala, Jan Aushadi Kendra, Provision of global and national level professional health education, tertiary health care, modern diagnostics and therapeutics, biomedical instrumentation, adoption of ICT, telemedicine and social medicine.
- Preparation for NABL and 2<sup>nd</sup> cycle of NAAC
- Periodically audit, assessment and policy formation
- Provision of e-feedback for all stake holders
- **The Pravara Rural Hospital has been bestowed upon with “Vayoshreshtha Sanman for Best Institution for Providing services to senior citizens and awareness Generations” for the year 2015 by Hon’ble President of India.**
- **The Pravara Medical Trust has been honored with Vijay Merchant Award “An Outstanding Employer of the Disabled” for the year 2015.**

***1.1.11 How does the institution ensure that evidence based medicine and clinical practice guidelines are adopted to guide patient care wherever possible?***

PIMS-DU strictly follows all guidelines and protocols of international and national agencies, professional and academic bodies of health education and care (WHO, GOI, MHFW, MHRD, ICMR, AYUSH and Local). Accordingly standard operating procedures have been adopted to provide patient care. Doctors and nurses follow time tested standard procedures and record them systematically.

The Department of Medical Informatics and Biomedical Statistics, Ethics Committee trains the UG/PG/interns on evidence based medicine and PBL/ CBL

***1.1.12 What are the newly introduced value added programs and how are they related to the internship programs?***

- PIMS-DU offers numbers of value added programmes. They are listed at 1.3.4; UG/PG students, interns are trained through these STTPs.
- Centre for Social Medicine conducts training programmes for the medical, paramedical nursing, paranursing, and health personnel under the aegis of national health missions.
- Interns are provided regular as well as specialized training during their posting to various clinical and paraclinical departments during their rotating housemanship. They also get training during CME, CPC, CM; PIMS-DU conducts orientation programme for interns.



**1.1.13 How does the institution contribute to the development of integrated learning methods and Integrated Health Care Management?**

- National expectations (as per GOI – MHFW, MHRD, UGC, MCI, ICMR & AYUSH based on global expectation and trends) are as follows:
- Reformed medical career, redesigned curriculum, integrated teaching, early clinical exposure, newer methods of learning
- Comprehensive professional health sciences education and health care (preventive, promotive, curative, rehabilitative and holistic)
- Integration of personal-community – national health care; equal emphasis on community/public health
- Focus on quality education and health care for all stake holders.
- Thrust to skill and competencies apart from social, professional and global knowledge
- PBL- Problem Based Learning

**Development of integrated learning:** To realize this objective, PIMS-DU aim at holistic comprehensive health science education and health care and not just compartmentalized approaches. Hence it has introduced “Vertical and Horizontal Teaching” at its institutions on selected topics and subjects like diabetes mellitus (anatomy, physiology, pathology, medicine, surgery, psychiatry, nutrition, diabetics, pharmacology and yoga exercises).

The HOD of the departments of pre/para/clinical specialties, through a common platform ensures integrated teaching (horizontal and vertical), involving experts from all the disciplines/ subjects.

The thrust area of research and seminar/conference/meeting/ workshop also ensure integrated teaching – learning approaches in their deliberation.

**Integrated Health Care Management:** During patient care/ health care at IPD/ OPD/ OT/ PHC, holistic and integrated approaches are adopted based on the type and nature of the disease. Referral, second opinion, evidence based (diagnostics) collective opinion and comprehensive therapeutics and nursing care are the steps towards holistic health care. Clinical/ paraclinical/ nursing/ physiotherapy/ social medicine/ professionals at PIMS-DU always aim at holistic integrated approach while providing tertiary/ specialty health care. Rehabilitation and strategies/ explained elsewhere also forge on integrated approach. Liason with GOs/ SGOs, NGO (national, international) and involvement as well as active participation in National Health Mission also aim at holistic medicine.

**1.1.14 How is compatibility of programs with goals and objectives achieved with particular reference to priority of interface between Public Health, Medical Practice and Medical Education?**

- At the PIMS-DU, there is a specific interface between medical/health education offered (RMC/RDC/CON/COPT), medical practice, health care and systems (provided through Pravara Rural Hospital, Dental Hospital of specialty and tertiary level) and public health units (Centre for Social Medicine, Department of Community Medicine at RMC, Community Nursing at CON, Public Health Dentistry at RDC and Community Physiotherapy at APJAKCOPT), public health centres.
- Arogya Mitra, Urban/ Rural Health Centres, Satellite Centre, Mobile medical/dental clinics, Community Health Centres, PMT’s P-P participation, Community radio, Namskar Doctor and Hello Doctor Programme, Health care mobile apps, Gram Arogya Bank, Concept of





training of Anganwadi Workers, adoption of village families have enhanced public health aspects of PIMS-DU.

- Rural and urban health camps, school camps, blood donation camps, participation in national health mission, collaborative research have brought all the three components together.
- Strategic rural location, provision of tertiary care, speciality hospital, post graduates level institution of professional health education, RHTC, UHTC, curricular transaction, research based on local and regional problem publications, ISR, extension and outreach activities have helped PMT & PIMS-DU to achieve allover compatibility of programmes, unity of its goals and objectives. There is a successful interface between medical education, medical practice and public health. Hence PIMS-DU has national and international appreciation for its public health, health care and medical practice especially in a rural and tribal set up and in backward drought prone areas.

## 1.2 Academic Flexibility

### 1.2.1 Furnish the inventory for the following:

Programmes offered by PIMS-DU (AY 2015-16)

(Leading to the award of UG/PG/PGD/Ph.D./ Diploma/ certificate by PIMS-DU)

Sl. No	Constituent College/ Centre	Programmes Offered						Total
		UG	PG	PGD	Ph.D.	Diploma	Certificate	
1	RMC	1	17+4	9	21	3	2	57
2	RDC	1	8	-	09	-	1	19
3	CON	2	5	2	01	1	2	13
4	APJAK COPT	1	5	-	01	-	-	07
5	CBT	1	1	-	01	-	-	03
6	CSM	-	1	-	01	-	-	02
	<b>Total</b>	<b>6</b>	<b>41</b>	<b>11</b>	<b>34</b>	<b>4</b>	<b>05</b>	<b>101</b>

Academic programmes offered institution wise (AY 2015-16)

### I. Rural Medical College:

Sl. No	Programme	Name of Course	Year of Introduction	Intake at the time of Introduction	Intake as on 2015-16
1	UG	MBBS*	1984	100	125*
2	PG	MD Medicine	1991	01	06
		MD. Paediatrics	1991	01	06
		MS Surgery	1991	01	04
		MS. Orthopaedics	1991	01	05
		MS. Ophthalmology	1991	01	06
		MS. ENT	2007	01	01
		MS. OBGY	1991	01	05
		MD. Radiology	1991	01	03
		MD. Radiotherapy	2007	01	01
		MD. Anaesthesiology	1991	01	04
		MD. PSM	1991	01	01
		MD. Pathology	1991	01	02
		MD. Pharmacology	1991	01	04
		MD. FMT	1991	01	02
		MD. Microbiology	1991	01	01
		MD. Anatomy	1991	02	03



		MD. Physiology	1991	02	02
		M.Sc. Med. Pharmacology	2010	02	02
		M.Sc. Med. Microbiology	2010	02	02
		M.Sc. Med. Anatomy	2010	02	02
		M.Sc. Med. Physiology	1991	02	02
3	PG Diploma	DCH (Paediatrics)	1991	02	03
		D' Orthopaedics	1991	02	02
		DOMS (Ophthalmology)	1991	02	01
		DLO (ENT)	2007	01	01
		DGO (OBGY)	1991	02	04
		DMRD (Radiology)	1991	02	02
		DMRT (Radiotherapy)	2007	01	01
		DA (Anaesthesiology)	1991	02	02
		DCP ( Pathology)	1991	02	03
4	Ph.D.	Ph.D.(all subject)	2005/ 2011 to 2015	--	As per UGC norms
5	Diploma	DMLT/DOPT/DOPT-A	1991/ 2005	05	10 each
6	Certificate	CMLT	1991	05	10
		X-Ray	1991	05	10

\* Since 2016-17, the MHRD/ MOHFW / MCI/ GOI sanctioned the enhanced intake capacity of M.B.B.S. seats from 125 to 200.

## II. Rural Dental College:

Sl. No	Programme	Name of Course	Year of Introduction	Intake at the time of Introduction	Intake as on 2015-16
1	UG	BDS	1989	60	100
2	PG	MDS	2003	10	22
3	Ph.D.		2012	As per UGC norms	As per UGC norms
4	Certificate	Implantology	2008	6	9

## III. Dr. APJ Abdul Kalam College of Physiotherapy:

Sl. No	Programme	Name of Course	Year of Introduction	Intake at the time of Introduction	Intake as on 2015-16
1	UG	Bachelor of Physiotherapy	1997	50	60
2	PGD	--	--	--	--
3	Ph.D.	Ph.D. (PT)	2010	08	As per UGC norms

## IV. College of Nursing:

Sl. No	Programme	Name of Course	Year of Introduction	Intake at the time of Introduction	Intake as on 2015-16
1	UG	Basic B.Sc Nursing Post Basic B.Sc Nursing	2000 2008	30 25	50 25



2	PG	M. Sc Nursing - 5 Specializations	2009	15	25
3	PGD	Post Basic Diploma in Critical Care Nursing	2016	15	15
		Post Basic Diploma in Orthopedic and Rehabilitation Nursing	2016	15	15
4	Ph.D.	PhD in Nursing	2009	01	As per UGC norms
5	Diploma	RGNM	1986	25	100
6	Certificate	Pediatric and Neonatal Nursing	2007	10	10
		Patient Assistant course	2014	20	20
		[Short term certificate courses (4)]	2016	20	20

**V. Centre for Biotechnology:**

Sl. No	Programme	Name of Course	Year of Introduction	Intake at the time of Introduction	Intake as on 2015-16
1	UG	B.Sc. + M.Sc. (Integrated) Medical Biotechnology	2005	30	30
2	PG	M.Sc. Medical Biotechnology	2004	30	30
4	Ph.D.	Medical Biotechnology	2005	06	06

**VI. Centre for Social Medicine:**

Sl. No	Programme	Name of Course	Year of Introduced	Intake at the time of Introduction	Intake as on 2015-16
1	PG	MPH	2012-13	30	30
2	Ph.D.	Ph.D.	2003	NA	NA
3	Certificate	Certificate Course in Social Health and Development (Short term)	2011-12	10/batch Min. 3 batches in a year	10/batch Min. 3 batches in a year
		Certificate Course in ICT in Rural Development (Short term)	2015-16	10/Batch	10/Batch

**1.2.2 Give details on the following provisions with reference to academic flexibility**

**a. Core options and Elective options:**

In case of course in general / liberal education leading to BA/ B.Sc/ B.Com/ or M.A. / M.Sc. / M.Com programmes, there is a scope for core electives, specializations and support subjects and CBCS. However, in case of MBBS/BDS/ B.Sc. (N)/ BPT, there is no scope for electives/ CBCS. But a UG student of any of these health science and education, studies a group of subjects as compulsory/ core mandatory subjects to be eligible for the award of degree. In case of PG student, there is scope to choose a subject of choice in the beginning of study and once chosen, he has to study that subject /specialty.

The UG and PG programmes offered by RMC, RDC and CON are as per the regulatory provision of MCI, DCI, INC respectively. Hence the subjects envisaged in the regulations, their duration of study, weightage for teaching each subject and their marks are all as per their statutory provisions. There is no scope for changing them by the university as such. In case of PG studies the subject chosen itself becomes a specialization subject. Such a choice of subject for the purpose for PG studies is available at PIMS -DU.

- MBBS – 20 core subjects (3 preclinical, 5 paraclinical, 10+2 clinical)



- BDS – 17 core subjects (3 preclinical, 3 paraclinical, 2 medical clinical, 8 dental clinical, 1 paraclinical)
- BPT – 16 core subjects (2 preclinical, 3 paraclinical, 2 medical clinical, 3 fundamental PT, 6 clinical physiotherapy)
- B.Sc. (N) – 19 subjects (3 preclinical, 3 paraclinical, 10 core subjects along with 3 other subjects like psychology, sociology, and nutrition).
- P.B.B.Sc.(N) – 15 subjects (2 preclinical, 9 core subjects along with 4 other subjects like psychology, sociology, biophysics and nutrition)

Choice for a student of	To pursue choice of subjects available at PIMS-DU
M.B.B.S.	M.D. in 12 subjects (General Medicine, Pediatrics, Radio-diagnosis, Radio-therapy, Anesthesia, Anatomy, Physiology, Microbiology, Pathology, Pharmacology, Community Medicine, Forensic Medicine) M.S. in 5 subjects (General Surgery, Orthopedics, Ophthalmology, ENT, OBGY ) PG Diploma in 9 subjects (Pediatrics, Obstetrics & Gynecology (OBGY), Radiology, Radiotherapy, Anesthesia, Orthopedics, Pathology, Ophthalmology and Otorhinolaryngology (ENT)), MPH
B.D.S.	M.D.S. in 8 subjects- Prosthodontics & Crown and Bridge, Periodontology, Conservative Dentistry, Oral & Maxillofacial Surgery, Orthodontics, Oral Medicine & Radiology, Pedodontics & Preventive Dentistry, Oral Pathology & Microbiology (All dental subjects except PHD), MPH
B.Sc. (N), P.B.B.Sc.(N)	M.Sc. in 5 Specialisation subjects (MSN, CHN, MHN, Pediatric NSG, OBGY), MPH
RGNM	P.B.B.Sc (N)
GNM/B.Sc/P.B.B.Sc (N)	Post Basic Diploma in CCN and Orthopedic Nursing, MPH
B.P.T.	M.P.T. in 5 Specialisation subjects (CRPS, COPT, OPT, NPT, PPT)
B.Sc. (Life sciences with chem.)	M.Sc. in 4 subjects (Anatomy, Physiology, Pharmacology, Microbiology), MPH
M.P.H	Public Health

In case of B.Sc. + M.Sc. Biotechnology (integrated or independent), CBCS is being introduced from AY 2016-17. Scope has been given for elective and specialization under CBCS at M.Sc. (BT) spread over 4 semesters.

In case of M.Sc. (Non medical) in Microbiology and Pharmacology, a PG student has to study human anatomy and physiology as core or basic subjects during 1<sup>st</sup> year and respective specialization subject during 2<sup>nd</sup> and 3<sup>rd</sup> year. A student of M.Sc. Anatomy has to study Physiology during 1<sup>st</sup> year and specialization in Anatomy during 2<sup>nd</sup> and 3<sup>rd</sup> year (Vice versa in case of M.Sc. Physiology)

**c. Bridge course**

Since student seeking admission to undergraduate health science programme at PIMS-DU is from +2 stream, having studied physics/ chemistry/ biology and or math/ stat/ electronics/ CS, they need orientation to the UG courses in respective faculties. Hence during orientation programme at college and department level, general introductory classes are held in order to induct them to their subject. In a way they act as bridge components.

**Enrichment courses:** The value added programmes offered at PIMS-DU for the benefit of UG/ PG/ interns/ practicing doctors/ nurses/ physiotherapists are listed at 1.3.4 and 1.3.5 (The PG diploma, diploma and certificate programme are listed at 1.2.1)





**d. Credit accumulation and transfer facility**

As already stated, PIMS-DU has a mandate to follow the regulations of MCI, DCI, INC the regulatory bodies, which do not envisage credit system, its accumulation and transfer facility (however, there is a provision for a student to seek transfer from the institution to another, as per the regulations based on mutual acceptance of both the institutions)

PIMS-DU has formulated regulations based on CBCS to PG course in Biotechnology. However, so far there is no national policy on credit transfer. CBCS in being adopted for MPT/BPT also.

As per the MOU/ collaboration with foreign universities, their (international) students studying/ undergoing training for a specified period at PIMS-DU, as a part of their UG programme at their parent university, earn a certificate and credits from PIMS-DU and carry the credits earned here to their UG programme at parent university. Thus PIMS-DU in a way is practicing credit transfer and “Twining” programme. Concept in specific cases may also be of modular nature.

**e. Courses offered in modular form**

Certificate and training programmes offered by PIMS-DU are of modular nature (e.g. certificate course in Pediatric and Neonatal Nursing, Patient Assistant Course for nursing students, BLS, X-ray technician course, optometry course for all students from RMC, Implantology from RDC, Social health and development course of CSM are of modular nature)

All short term training programmes are also of modular nature.

**f. Lateral and vertical mobility within and across programs, courses and disciplines and between higher education institutions**

- Student with diploma in nursing can seek direct admission to P.B.B.Sc. nursing course.
- Student with PG diploma in any given medical subject can directly enter 2<sup>nd</sup> year MD/MS programme in that specific subject only.

**g. Twinning programs**

There is a practice at Centre for Social Medicine which offers certificate course in social health and development for foreign/ international students across the globe. The training given to the visiting students at CSM receive certificate and credits becomes a part of their UG programme at their parent university. Hence in a way it is a twinning programme.

**h. Dual degree programs**

There is no provision at present to pursue two degree programmes. However a UG/PG student during his tenure can pursue any short term value added fellowship/ certificate programme without affecting the mandatory attendance, restrictions of regular UG/PG programme.

**1.2.3 Does the institution have an explicit policy and strategy for attracting students from other states.**

The courses offered by PIMS-DU is open to all the Indian nationals (all the states) who are eligible as per MCI/DCI/INC eligibility criteria and has obtained ranking in All India Entrance Examination conducted by PIMS-DU at several state centres in the country till 2015 – 16. Since 2016, admission is through NEET examinations as per merit ranking and counselling.

Hence PIMS-DU is required to admit students from all states through All India Entrance Test



(NEET). There is a fair representation of students from other states at PIMS-DU. There is provision for maintaining their cultural identity and food habits

**Socially and financially backward sections.**

PMT PIMS-DU, being located in a backward rural area of Maharashtra, with a flavor of rural/rustic atmosphere, provides all the facilities equivalent to an urban location; however at a much lower cost and moderately low fee structure when compared to many institutions located in urban/metro cities. Hence number of students belonging to backward classes, SC/ST/minorities prefers PIMS-DU for their professional education. The parent trust also extends fee concession, waiver of fees, earn and learn scheme, installments in fee payment and act as a liaison between student and government to receive government scholarships/fellowships. The institute helps for getting education loan from banks. Minority students are receiving scholarships from state govt.

**International Students**

As per the admission policy, 15% of seats in RMC, RDC, CON and others are exclusively reserved for NRI/FN/PIO students

As already stated, students from foreign universities across the globe, study every year at CSM for their certificate course in social health and development as part of their UG programme (credit transfer – twining concept)

PIMS-DU has built an exclusive hostel with all modern amenities for NRI/FON/PIO students (called International Centre of PIMS-DU)

PIMS-DU has created an International Cell, coordinated by a group of senior faculty to facilitate “single window” entrance and exit for the benefit of foreign students. It advises the students on visa, travel, health, vaccination, do and don'ts related to their stay in India and travel abroad.

**Student and faculty exchange programme at International level**

PIMS-DU has number of foreign collaborations in this sphere of academics, research and extension. Under these collaborations, as per MOU, there is a scheme for faculty exchange and student exchange. (E.g. Linnaeus Palme Exchange Programme). So for 101 students and 53 teachers from abroad have visited PIMS-DU. Similarly 11 students and 29 teachers of PIMS-DU have visited foreign university under international collaboration (in last 5 years).

There are significant numbers of international collaborative projects at PIMS-DU facilitating the visit of faculty and student of foreign and international university to PIMS-DU. This is only Indian private deemed university included in European Commission scholarship programme (which include Erasmus Mundus lot 15413, Erasmus Mundus India to Europe, EUPHRATES & Erasmus + being implemented since 2009).

***1.2.4 Does the institution offer self-financing programs? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programs?***

PIMS-DU is a deemed to be university under section (3) of UGC Act, established and managed by a charitable registered trust (Pravara Medical Trust, Loni), totally on self financing and self sustaining basis.

The policy regarding admission fee structure, teacher qualification and HRD policy are as per the statutory provisions of GOI, State Govt., MCI/ DCI /INC /UGC/ MHRD/ MHFW/ ICMR and so on as applicable.



Admission : On NEET merit and All India level since 2016 (earlier PIMS DUs AICET).  
 Teachers Qualifications and Qualifications : As per statutory Authorities and UGC guide lines.  
 Fee Structure : As per guidelines of UGC (Sonde Committee Report) and by Fee Fixation Committee headed by retired High Court Judge as per guidelines.

**1.2.5 Has the institution adopted the Choice Based Credit System (CBCS) / Credit Based System? If yes, for how many programs? What efforts have been made by the institution to encourage the introduction of CBCS in its affiliated colleges?**

Already stated at 1.2.2, there is no scope for CBCS for UG/PG/ programmes regulated by MCI/ DCI/ INC.

For programmes governed by UGC regulations i.e. PG in Medical Biotechnology, PIMS-DU has formulated CBCS w.e.f 2016-17. It is in process of formulating CBS for BPT, MPT and MPH, subject to clearance, from IAPT.

**1.2.6 What percentage of programs offered by the institution follows**

**Academic calendar and exam system:**

As per MCI, norms M.B.B.S. course is of 9 semesters duration and four and half years. Hence academic calendar is semester wise, announced for the entire academic year. However the university exams are on annual system.

M.B.B.S.			
Phase	Semester	Subjects	Examination
I	I & II	Preclinical A/P/B	Annual I Professional Exam
II	III, IV, V	5 Para & 13 clinical subjects concurrently	Annual for 4 para clinical subjects during V semester ;II professional exam
III	VI, VII, VIII, IX	All clinical and CM	Annual; III Professional exam ; Part I during VII Semester; Part II during IX Semester

All PG Medical	3 years	Six Semesters	One Exam at the end of 3 years
All PGD Medical	2 years	Four Semesters	One Exam at the end of 2 years
MDS	3 years	Six Semesters	One Exam at the end of 3 years
MPT	2 years	Four Semesters	Annual - Two examination
M.Sc. (N)	2 years	Four Semesters	Annual - Two examination
MPH	2 years	Four Semesters	Semester -4 examination
M.Sc. (NM)	3 years	Six Semesters	One Exam at the end of 1 year and final at the end of 3 <sup>rd</sup> year
M.Sc. (BT)	2 years	Four Semesters	One Exam at the end of each semester.

B.D.S.			
Year	Semester	Subjects	Examination
I	I & II	General Human Anatomy, Embryology and Histology, General Human Physiology and Biochemistry, Dental Anatomy, Embryology and Oral Histology	Annual
II	III & IV	General Pathology and Microbiology, General Dental Pharmacology and Therapeutics, Dental Material II, Pre-clinical Prosthodontics, Pre-clinical Conservative Dentistry	Annual
III	V & VI	General Medicine, General Surgery, Oral Pathology and Microbiology II,	Annual
IV	VII &	Public Health Dentistry, Periodontology,	Annual



	VIII	Orthodontics & Dentofacial Orthopaedics, Oral Medicine and Radiology, Oral Maxillofacial Surgery, Conservative Dentistry & Endodontics, Prosthodontics and Crown & Bridge, Paediatric and Preventive Dentistry	
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<b>B.Sc. (N)</b>			
I	I & II	Anatomy, Physiology, Nutrition and Biochemistry, Nursing Foundations, Psychology, Microbiology	Annual
II	III & IV	Sociology, Medical Surgical Nursing I, Pharmacology, Pathology and Genetics, Community Health Nursing I, Communication and Educational Technology	Annual
III	V & VI	Medical Surgical Nursing II, Child health Nursing, Mental Health Nursing, Research and Statistics	Annual
IV	VII & VIII	Midwifery and Obstetrical Nursing, Community Health Nursing II, Management of Nursing Services and Education	Annual

<b>B.P.T.</b>			
I	I & II	Human Anatomy, Human Physiology, Human Biomechanics, Human Psychology,	Annual
II	III & IV	Electrotherapy, Exercise therapy, Human Pathology, Human Pharmacology	Annual
III	V & VI	Medicine, Surgery, Community health, Sociology and Biostatistics, Physical Diagnosis and Manipulative skills	Annual
IV	VII & VIII	Musculoskeletal Sciences, Neurosciences, General Medical and Surgical Physiotherapy, Community health and Rehabilitation	Annual

<b>B.Sc (BT)</b>			
I	I	Basic Chemistry, Mathematics for Life sciences, Introduction to Evolutionary Biology, Introduction to Biotechnology	Semester
	II	Biophysics, Cell Biology, BLM, Basic Concept of IT.	Semester
II	III	Genetics A, Med.Micro A, Human Biochemistry A, Biostatistics	Semester
	IV	Genetics B, Med.Micro B, Human Biochemistry B, Energy Technology	Semester
III	V	Molecular Biology, Fermentation Technology, Biomembranes	Semester
	VI	Ethical Issues in Biotechnology, Pharmaceuticals, Basic Immunology	Semester

**1.2.7 How does the institution promote multi/inter-disciplinary programs? Name a few programs and comment on their outcome.**

Professional health education programmes (UG/PG) are of the interdisciplinary/ multidisciplinary nature with an integrated approach to train a health professional in a given discipline/ faculty i.e. medical doctor/ dentist/ professional nurse/ physiotherapist/ medical biotechnologist and public health professional (at UG/ PG Level).

Hence a student has to study a group of inter related subjects with a specific directions of horizontal and vertical integration of subjects taught over the specified duration.

- A student of M.B.B.S. programme is taught 20 subjects (3 preclinical/5 paraclinical/ 12 clinical) over 4 and half years.
- A student of B.D.S. programme is taught 17 subjects (3 preclinical/ 3 paraclinical/ 2 medical clinical and 9 dental clinical)





- A student of B.Sc. (N) is taught 19 subjects (3 preclinical, 3 paraclinical, 10 clinical nursing + 3 others)
- A student of BPT is taught 16 subjects (7 para and clinical and 9 clinical and fundamental physiotherapy)

All PG students of a given subject specialize in one given subject. But he is taught all integrated subjects (20-30+) within the faculty and across the faculty discipline through indirect/direct postings / dissertation/ projects/ publication of research paper.

Environmental science studies, biostatistics, research methodology, bioethics is taught to all the students of PIMS-DU, as components of curriculum.

Components of behavioral science, society, community development, health economics, communication skills, health service are also taught.

Majority of the themes/ agenda/ focus of curricular activities of PIMS-DU (seminar/ symposium/ workshop/ conference/ CME/ CPC/ Clinical Meetings/ health audit/ rotating housemanship/ PG postings/ integrated teachings/ guest lecturers/ key note address/ training/ FDP/ SEP/ quiz) are of interdisciplinary nature.

PIMS-DU's "INVENTUM" and "PADMANJALI" programme are interdisciplinary.

Majority of research thrust area, collaborative research, extension and outreach activity have a focus on inter and transdisciplinary approaches.

Beyond curricular, scholarly activities also have interdisciplinary and transdisciplinary approaches.

Holistic and integrated health education, health care at PIMS-DU is based on interdisciplinary approaches & strategies, as per global and national expectations.

#### ***1.2.8 What programs are offered for practicing health professionals for skills training and career advancement?***

As per MCI norms, MET unit of PIMS-DU conducts training programme to health professionals not only in teaching learning resources approach but also in professional skill development (usage or application of latest biomedical instrumentation for diagnostics and therapeutics or latest surgical procedures, patient care, rehabilitation, management of trauma, critically ill, disaster management, epidemics and others)

Regular training programmes conducted under National Health Mission at PIMS-DU has also helped practicing health professionals to enhance their skills.

Health professionals are also trained through simulations and computer simulation training programmes and e-learning modules.

Local chapter of professional bodies of medical, dentistry, nursing, physiotherapy, medical social workers are proactive at PIMS-DU. They also arrange periodic lecture, demonstrations, and training programmes.

MET/ CME/ CDE/ CNE/ CPTES programmer, clinical meetings, case studies, programme solving sessions aim at skill upgradation.

Teacher and student exchange programme with foreign university has immensely helped our teachers in skill upgradation (29 teachers and 11 students of PIMS-DU have been benefited so far).



### **1.3 Curriculum Enrichment**

#### **1.3.1 How often is the curriculum of the institution reviewed and upgraded for making it socially relevant and/or skill oriented / knowledge intensive and meeting the emerging needs of students and other stakeholders?**

The curricular design, development and its transaction at PIMS-DU for all its academic programme are as per the regulatory provision of MCI/ DCI/ INC/ UGC.

PIMS-DU has a policy of revising and upgrading its curriculum (regulatory frame work) as and when the amendments are made by the MCI/ DCI/ INC/ UGC for their regulations and strategies. It is done as per a systematic process (stated at 1.1.3) through its BOS, faculty and approved by AC and BOM.

The curricular contents are revised at regular intervals by BOS by addition/ deletion/ modification of syllabi of a subject (topics, areas, subunits, flow, reorganization or reorientation of topics, weightage of teaching hours, exposures, inclusion of recent advances and so on)

The curricular transaction and delivery is also reviewed/ upgraded and revised at regular intervals (once in year) keeping in view the pedagogic innovation in health professional education (evidence based, case based, problem based or problem solving, community or public health based/ private or public health based/ computer assisted/ integrated and holistic approach based, hand on experience and so on.

While revising and its transaction, promotion of research (identification of research, thrust areas, scientific, statistical evaluation and its utility) is given importance.

#### **1.3.2 During the last four years, how many new programs were introduced at the UG and PG levels? Give details.**

- Introduction of M.PH, M.Sc. Microbiology, Physiology, Anatomy, Pharmacology,
- Specialization, Subjects in M.Sc. Nursing and M.P.T.(P.T.)
- Ph.D. in Dental Sciences and Medical Sciences, Allied Health Sciences.
- Enhancement in the intake all the PG programmes of RMC, RDC, CON and COPT and also UG Programmes.
- PB Diploma in Critical Care Nursing (PBD-CCN) and Orthopedic and Rehabilitation Nursing (PBD ORN).
- Certificate in ICT in Rural Development.

#### **1.3.3 What are the strategies adopted for the revision of the existing programs? What percentage of courses underwent a syllabus revision?**

The multi step process used for CDD and its implementation is adopted for the revision of syllabus/ curriculum update of existing academic programmes. All the programmes/ syllabi have undergone revision at regular interval (PG – once in three years; UG in 5 years, for major revision and once in a year for minor revision or rectification if any with reference to addition/ deletion, evaluation system etc.)

As and when the statutory authorities amend their regulations and CD, PIMS-DU also revise its regulations of curriculum and revise the syllabi of subject taught accordingly.

All the Boards of Studies meet at least once a year to consider the aspect related to CDD, curriculum enrichment, curricular transaction, major revision or minor revision of syllabi, examination and evaluation process, distribution of allotment of marks, scheme of practical examinations, OSPE, OSCE, MCQ/ LAQ/ SAQ/ Spotters/ Viva-voce/ dissertation evaluation, panel of examiners and so on.



**1.3.4 What are the value-added courses offered by the institution and how does the institution ensure that all students have access to them?**

PIMS-DU offers number of value added short-term training courses (Skill based/ knowledge based/ competence based) as value addition to their UG/PG/Interns and other health professionals. Select few are as follows:

Sr. No.	Name of Value added programme	Offered by Institution/ Department	Benefiters
1.	BLS – Basic Life Support	Anesthesiology and Critical care	UG/PG/Intern
2.	ACLS –Advanced cardiac life support	Anesthesiology and Critical care	UG/PG/Intern
3.	PALS – Pediatric advanced life support	Pediatrics, RMC	UG/PG/Intern
4.	FBNC – Facility based newborn care	Pediatrics, RMC	UG/PG/Intern
5.	NRP – Neonatal resuscitation programme	Pediatrics, RMC	UG/PG/Intern
6.	IMNCI – I	Pediatrics, RMC	UG/PG/Intern
7.	i)Yoga and Pranayam ii) Aerobic Training iii) zumba classes iv) Hulla Hoop v) Health Promotion vi) Meditation Instruction	COPT	UG/PG/Intern
8.	Biostatistics and Medical Informatics	Biostat. Dept	UG/PG/Intern
9.	Bioethics	Bioethics unit of PIMS-DU	UG/PG/Intern
10.	Clinical Research and Clinical Trials, Research Methodology	Board of Research	UG/PG/faculty
11.	Plastination	Anatomy, RMC	UG/PG/Intern
12.	Public health and Development	CSM	
13.	Medical Communication	MET	UG/PG/faculty
14.	Local Language Proficiency	Library PIMS-DU	Students from other states
15.	Arogya Mitra	CSM	Social Health workers
16.	Social and Personal counseling	Department of Psychiatry	UG/PG/Intern
17.	Micro teaching Pedagogic innovations	MET	PG/faculty

**1.3.5 Has the institution introduced skills development programs in consonance with the national health programs?**

There are several national health programmes implemented by Govt. of India. PIMS-DU realize its duties and responsibilities to take part in them indirectly or directly (as the case may be). The health professionals of PIMS-DU or Govt. of Maharashtra/ India are given all required facilities and support to realize the mission. The health professionals (medical/ dental/ nursing/ physiotherapy/ medical social workers) are permitted to involve themselves in these missions through their department or in individual capacity. The infrastructure facilities and HR of PIMS-DU are made availability for realization of the objectives of these missions. PIMS-DU’s RMC/RDC is empanelled in the public health/ private health insurance scheme/ govt. and public sector (Rajiv Gandhi Jeevan daiyee Arogya Yogana – RGJAY)



Through the PG departments, tertiary specialty medical and dental hospital, CCL BB, diagnostic centres (Radiology/Pathology), Oncotherapy and Oncology units and CSM, number of specific skill oriented short term training programme (based on skill required for specific national mission) are organized at PIMS-DU

Select illustrations are follows:

Sl. No.	National Health Mission	Skill development programme of training at PIMS-DU
1.	RNTCP (tuberculosis)	Mol. Diagnostics of TB Study on MDRTB
2.	NACP (AIDS)	Mol. Diagnostics, epidemiology, demography
3.	NPPCD (Diabetes, cardiac shock)	Diagnostics, latest treatment, rehabilitation, management of complications
4.	PPP (Pulse polio)	Administration of polio vaccination (drop or injectable) preservation of vaccine, surveillance in and around area for polio
5.	ICDS (Child development)	Development milestones for children, common pediatric diseases and complications in a rural area
6.	UIP (immunization)	Study on stress, anxiety, depression, inferiority
7.	NMHP (Mental Health)	Study on stress, anxiety, depression, inferiority
8.	Family Welfare Programme	Laparoscopic tubectomy
9.	<b>All national health missions undertaken by government</b>	

**1.3.6 How does the institution incorporate the aspects of overall personality development addressing physical, mental, emotional and spiritual well being of the student?**

To realize the vision, mission and goals of PMT/ PIMS-DU, we always aim at overall holistic development of personality with a comprehensive blend of general cum professional knowledge and skills along with human values, ethics, virtues, humility, simplicity and selfless service and motivation, especially to rural down trodden and marginalized sections of society with a global perspective. To achieve this, we have adopted the following approaches (through specified centres/ units)

Sr.No	Holistic development – Overall Personality
1.	<p><b>Physical Aspects (COPT, Department of Sports)</b></p> <ul style="list-style-type: none"> <li>Development of facilities for outdoor and indoor sport games, athletics, fitness check-up, multi gym, yoga and meditation centre, steam and sauna.</li> <li>Organization of interdepartmental and inter-institutional sport competition and participation in all tournaments at regional, zonal and all India level. Yoga and Pranayam, Aerobic Training, zumba classes, Hulla Hoop, Health Promotion, Meditation Instruction, Provision of sports material, guidance, incentives, coaching, celebration of annual day.</li> </ul>
2.	<p><b>Mental and Emotional Aspects</b> (Counseling Cell, Yoga and Meditation centre of COPT, CON and Mentoring)</p> <ul style="list-style-type: none"> <li>Organization coaching, counseling and guidance for yoga and meditation, attitudinal aspects, concentration, motivation, art of living, lectures on ethics, bioethics, lifestyle, self less services, extracurricular and literary activities ( eleocation, debate, panel discussion, essay, meditation).</li> <li>Psycho social counseling, mentoring, goal setting, bench marking, positive thinking, importance of EQ and IQ, celebration of festivals, commemorative days , concept and practice of caring and sharing</li> </ul>
3.	<p><b>Spiritual well being</b> (all student support units)</p> <ul style="list-style-type: none"> <li>Sessions on values and purpose of life, importance of SQ, steady mind, universal brotherhood, tolerance, patriotism, national integration, humanity, secularism, respects to teachers, elders, empathy and concern.</li> </ul>





4.	<b>PADMANJALI</b> programme covering all the four aspects. All round efforts are made to inculcate the values befitting to dreams of our visionary founder (Cited elsewhere in SSR)
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**1.3.7 Does the curriculum provide for adequate emphasis on patient safety, confidentiality, rights and education?**

The essential spirit and essence of Hippocratic Oath, guidelines of WHO (UNO), GOI, Helsinki declaration, principles of biomedical ethics, fundamental rights, general rights, as well as constitutional obligations, duties and responsibilities are imbibed in the minds of health professionals. Hence the students are taught and made to practice the importance of patient first, patient safety, patient confidentiality, accountability, consent for treatment, right to information and rehabilitation

Orientation and induction programmes as well as the introductory lectures/ inter active sessions concentrate on practice of these aspects.

Students are taught on how to present the case studies and reports without violating any of the norms mentioned above.

All invasive procedures treatment diagnostic procedures are carried out by taking declaration and consent from patients/ attendents in local language.

FMT department covers medico-legal aspects related to patients and medical negligence issues. Standard SOP's are in place for students to learn, observe and follow in their clinical practice.

**1.3.8 Does the curriculum cover additional value systems?**

Additional value systems are included through their codes, do's and don'ts, instructions, oaths during curricular transaction, delivery and practice. Value systems like regularity, simplicity, punctuality, empathy, discipline, mutual respect, obedience, transparency, honesty, integrity, dedication, devotion, crisis and situational leadership, environmental protection, respect for culture and heritage, inclusive practice, nondiscrimination etc are imparted by faculty in day to day practice and work.

Celebration of national days (Independence, Republic, Gandhi Jayanti, Mother's day, Yoga day, Children's day), important event related to health professionals, lectures by visiting dignitaries (beyond curriculum scholarly activity) on topics of relevance., helps in spreading the message of value systems.

Practice like adoption of 5 families by a student for 1.5 years, adoption of village by the institution helps in inculcating ISR and human values.

**1.4 Feedback System**

**1.4.1 Does the institution have a formal mechanism to obtain feedback from students regarding the curriculum and how is it made use of?**

PIMS-DU has both formal and informal mechanism to collect feedback from students on curricular design, content, delivery and outcome. During 2011-14, PIMS-DU followed formal manual method for collection of feedback from students through a structured questionnaire. Later on formal digital feedback mechanism is followed.

A committee, headed by a senior professor is functioning in PIMS-DU to supervise this process of digital feedback collection and its analysis. IT cell has provided all IT support needed for feedback collection and its analysis.

Open ended 'e' feedback format is on our website for any stake holders to give the feedback.



Teachers and HOD's during their interactive sessions of T-L-E, informally collect the feedback from students. Opinions of the students regarding the utility, applicability, understanding, relevance, practicality of any given topics are considered during the curriculum revision.

The feedback collected is analyzed and the outcome is used by BOS and faculties to revise/ review the CD and its implementation as well as its transaction and delivery.

The student's pass percentage in a given examination, answering pattern of particular assessment/ topics are also helps feedback for curricular revision.

**1.4.2 Does the institution elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods such as conducting webinars, workshops, online discussions, etc. and their impact.**

The curricular framework of academic programmes in professional health science education is framed by national level expert committee of statutory bodies – MCI/ DCI/ INC/ UGC based on the feedback; need based analysis and global – national trends. The said curriculum has to be followed by PIMS-DU in case of syllabi to be framed by BOS as per statutory regulations; Feedback and suggestions are obtained from experts of national and international repute through following strategies and methods.

- Observations of invited experts for seminars/ CME, external examiners, and inspectors
- Suggestion given by invited externals members of BOS, AC, BOM, Ethical Committee, Research Committee
- Evaluative outcome of keynote addresses, inaugural or valedictory address, convocation address, orientation lectures
- Observations by dignitaries of national and international repute during their visit of PIMS-DU Their observations/ comments/ suggestions have helped PIMS-DU to introduce new programme like MD in Radiation Oncology and Oncotherapy, introduction of specialization in Physiotherapy and Nursing, change of nomenclature of M.Sc. (Public Health) to MPH and total revision of its curricular content as per global and national norms. Introduction of certificate course in Social Health and Development by CSM exclusively for foreign students of various foreign universities and countries (twinning and credit transfer). The crowning glory of such approach is the strengthening practice of prosthetic and rehabilitation in physiotherapy and naming COPT in the name of Dr. APJ Abdul Kalam, former president of India (Visited PIMS-DU on -15<sup>th</sup> October 2005)

**1.4.3 Specify the mechanism through which affiliated institutions give feedback on curriculum and the extent to which it is made use of.**

PIMS-DU being a unitary deemed to be university, there are no affiliated colleges under it. The mechanism followed in case of PIMS-DU has already been explained earlier is inclusive of its constituent units.

**1.4.4 Based on feedback, what are the quality sustainance and quality enhancement measures undertaken by the institution in ensuring the effective development of the curricula?**

Quality sustainance and enrichment measures undertaken for effective CDD:

- Introduction of recent advances and global trends in syllabi



- Emphasis to curricular transaction and delivery – pedagogy, androgogy and heutogogy
- Thrust to learner centric approaches, applied knowledge as well as basic knowledge and a blend of professional skill development
- Introduction to curricular components like environmental science, bioethics, medical information, medical biostatistics, research methodology, clinical research
- Skill based/ environmental/ training programmes (short-term) as value addition
- Focus on integrated teaching, PBL, CBL, EBM, public health, holistic approaches
- Sharpening of professional skills – skill lab practice
- Exam reforms, awards to best PG dissertation

**1.4.5** *What mechanisms are adopted by the management of the institution to obtain adequate information and feedback from faculty, students, patients, parents, industry, hospitals, general public, employers, alumni and interns, etc. and review the activities of the institution?*

PIMS-DU obtains feedback from all stake holders periodically, both formally and informally to review the activities of the college – CDD, curricular transaction, delivery, TLE approach, R&D, extension and outreach, hospital facilities (clinical and paraclinical), patients care and safety, infrastructure facilities, student support, governance and enhancement of quality.

**Mechanisms:**

- Feedback from students (digital/manual) through structured questionnaire and its analysis by a central committee
- e-feedback format on website
- Suggestion boxes at all strategic locations
- Observations and comments / complaint book for patients
- Informal feedback during alumni meet, parents meet
- Observations, comments, suggestions by external experts, resource persons, visiting dignitaries, inspectors of statutory bodies
- Outcome of discussions during national/ state level seminars/ conferences/ workshops.
- Monthly academic administration committee meeting involving management representation.
- Grievance Redressal Committee (at all levels and for all stake holders)
- Proactive anti ragging cell, women's cell, student council, welfare committee and other betterment committees (library, hostel, activities, mentoring, CDD, Research)
- Functional IQAC and its deliberations
- Involvement of students, parents, alumni, external, experts, industrialist, social representative in the committees and honoring their opinions.
- Proactive Alumni Forum and Parent Forum activities
- Periodic inspections by statutory bodies and submissions of compliance on observations, opinion of print and e-media
- Surprise visit by HOD's/HOI's/ VC/ Management members
- Patient attendants (directly or through nurses, doctors, medical social workers, NGO's) give their observations & feedback on functions of the hospital, its facilities, service and health care.
- Survey and visits to villages during camps, review of PHCS, UHTC, RHTC.
- Opinion and observations of collaborating agencies in public health projects and clinical trials.



*Criterion - II*  
***Teaching Learning  
and  
Evaluation***



**Pravara Institute of Medical Sciences  
(Deemed University)**







## CRITERIA - II: TEACHING LEARNING AND EVALUATION

### 2.1 STUDENT ENROLMENT AND PROFILE

#### 2.1.1 How does the institution ensure publicity and transparency in the admission process?

- Pravara Institute of Medical Sciences- Deemed University (PIMSDU), conducted its own All India Common Entrance Test PIMS-AICET-UG for Medicine and Dentistry undergraduate, PIMS-AICET-PG, for Medicine and Dentistry postgraduate diploma, postgraduate degree program in all disciplines till 2015-2016 academic years per the byelaws (at eleven centers across India for UG and 4 centers for PG course) .
- A separate All India Common Entrance Test (PIMS-AICET-ASUG) for Physiotherapy and Nursing undergraduate, (PIMS-AICET-ASPG) for Physiotherapy and Nursing postgraduate degree program is conducted. The University will continue to conduct PIMS-AICET-ASUG & PIMS-AICET-ASPG except for the undergraduate for Medical and Dental discipline which are now through National Eligibility cum Entrance Test (NEET) conducted by Govt. of India from 2016-17 as per the new Ordinance of Government of India
- Admission to various M.Sc. and MPH courses are done on the basis of merit.
- An **advertisement** is placed for all courses except those under NEET in all leading national and state level news papers which include notification of admission, last date of application for PIMS-AICET, required fees and date of PIMS-AICET. The same is notified and posted on the **University website** [www.pravara.com](http://www.pravara.com). The details of the programs, their durations, entry qualification, tuition fee to be paid, syllabus for the AICET, dates of examination, date of declaration of PIMS-AICET result, dates of counseling, last date of admission, etc. are indicated in the **prospectus** and also posted on the University website.
- Publicity is also encored through **NRI cell**, by participating in educational events being held at Local, State, National & International levels. Membership of Ed CIL India Ltd: This globally publicizes information pertaining to University through their network and website. Liberal use of **electronic media** like popular FM stations and Social Networking sites is adopted. The advantages of studying at the PIMS – DU are spread to the targeted aspirants in and around the region through **career counseling ,workshops, education fair** and also by the ‘**word of mouth**’ by the students, staff, alumni and other stakeholders.
- The course publicity is done through displaying billboards, hoardings and distribution of handouts at strategic locations.
- The University has maintained transparency in admission process from time to time for all Undergraduate and Postgraduate courses including Ph.D courses. It is ensured by declaring and displaying the “Rank List” of candidates on the University website, display of the date and time of counseling are also displayed on University website well in advance for the benefit of the applicants. Admission to all academic programmes is given on the basis of the marks obtained by the students in the qualifying examinations/entrance test. Video Recording of whole entrance examination conducted across India is done to ensure transparency.

[PIMS-AICET UG was conducted at 16 centers across the country namely Loni, Pune, Aurangabad, Mumbai, Navi Mumbai, Ahmadabad, Nagpur, Surat, Vadhodara, Delhi, Chandigarh, Jammu, Bhopal, Indore, Hyderabad and Cochin. PIMS-AICET PG was conducted at 4 centers namely Loni, Delhi, Pune, Mumbai.]



**2.1.2 Explain in detail the process of admission put in place by the institution. List the criteria for admission: (e.g.:(i) merit, (ii) merit with entrance test (iii) merit, entrance test, aptitude and interview, (iv) common entrance test conducted by state agencies and national agencies (v) any other criteria (specify).**

- The admission and counseling process has always been transparent and is on the basis of merit with entrance test for all courses till 2015-16; but from the year 2016-17, the **common entrance test is conducted by national agencies i.e. NEET** for Medical and Dental undergraduate courses.
- The University is offering professional programs, and admission to the undergraduate, postgraduate diploma, postgraduate degree, and doctoral programs in all the disciplines except for the Medical and Dental undergraduate courses (NEET) on the basis of merit of the candidates at PIMS-AICET conducted by the University and eligibility specified by the University.
- The admission process for Ph.D. programs in all courses is as per UGC norms.
- Policies regarding admission have not been wavered / relaxed since the inception of the University and hence the meritorious students have benefited.
- Details have already been explained at 2.1.1

**2.1.3 Provide details of admission process in the affiliated colleges and the University's role in monitoring the same.**

Not applicable, as all are constituents units of the university and no other colleges are affiliated (being a deemed to be University under section 3 of UGC Act).

**2.1.4 Does the institution have a mechanism to review its admission process and student profile annually? If yes, what is outcome of such an analysis and how has it contributed to the improvement of the process “**

**Yes** , PIMS-DU reviews its admission process and student profiles every year based on social categories (SC/ST/OBC/GM), gender, geographical entry (within and outside state /country), percentage of marks at entry level, demand-ratio trend, minimum and maximum marks secured by candidates at previous qualifying examination, etc.

- The student profile is also analyzed for identifying the skills of the base of knowledge and students for further enrichment during their course of study. Their participation in extracurricular events like sports and cultural activities is encouraged.
- The review has ensured transparency, proper publicity and accountability in the admission process, enhancing faith of all stake holders.

#### **Quality Sustenance**

- The outcome of analysis has helped to increase the number of centers for conduct of PIMS-All India Common Entrance Test of the University.



- Based on the feedback analysis of entrance examinations conducted over the years, the University considers increase of seats in courses that are in demand. This in turn, has facilitated recruitment of more faculty and increase in infrastructure facilities.
- The demand has increased for admissions in Medical, Physiotherapy, Nursing courses over the years.

**Quality Enhancement:**

- A separate PIMS-All India Common Entrance Test for all courses and single window admission system for NRI and foreign students has simplified the admission process.
- Biometry is used for attendance during the PIMS-AICET at various centers to eliminate impersonation.

**2.1.5 What are the strategies adopted to increase / improve access for students belonging to the following categories:**

The University has adopted various strategies to increase / improve access for students belong to SC / ST, OBC, Women, Persons with varied disabilities, economically weaker sections and outstanding achievers.

**a) SC/ST/OBC Students:**

- While admitting the students from the disadvantaged community in professional courses, 5% relaxation in the eligibility criterion is given to these disadvantaged/reserved categories students. University assists in procurement of Scholarships for education to such students. There is no financial support provided to the disadvantaged students studying in the deemed universities by the government machineries. Minority scholarship have been extended, fee waiver and fee in installment has been extended.
- Even though reservation of seats for private institutions is not mandatory as per UGC guidelines, students belonging to SC/ST are seeking admission to the University have been admitted in significant number.
- There is a provision for lending books to SC,ST and OBC students from the Book Bank in the library. The students can return books at the end of the academic year.
- The Student Guidance and Counseling Cell is established manned with a qualified Psychology counselor to helps students in resolving their personal and academic problems.

**b) Women:**

- The university works on the principle of gender and social equity in all its transactions, irrespective of their gender, caste, creed and religion, everyone is treated as an equal and important member of the PIMS(DU) family. There is an institutional forum for women which proactively promote a conducive environment for women students on the campus. The safety of the women students on the campus is a paramount concern of the university leadership.
- The Gender Auditing of the University has been carried out which has shown gradual increase in enrollment of women for different programs. There are about 57% women in the total student population of the university, and percentage of women taking admission in PIMS-DU is increasing.





- The University has vibrant ‘**Women Empowerment Cell (Saksham Committee)**’. The main objective of the Cell is to make female students comfortable and create a safe and secure environment for them.
- There is a “**Women Harassment Redressal Cell**” for prevention of sexual harassment including other grievances of female students.

**c) Persons with varied disabilities**

- The differently-abled students who apply for various courses are admitted to the desired course on preferential basis. Government rules are strictly adhered to in this context. Highly differently-abled students are not admissible as per the prescribed norms of statutory bodies.
- Full-time Rectors and Warden in various hostels are in-place who helps and support students for their well-being.
- Differently –abled students are provided with infrastructure facilities like ramps, wash rooms, seating place in classes at different places in the campus including hospital.
- Inscribe facility for physically challenged students are provided in University examinations, if required.

**d) Economically weaker sections**

- Economical –weaker sections are well supported by providing financial assistance through liaisons with banks with lower interest rate for educational loans. A choice of EMI payment of fees is also available on request.
- All minority community students are encouraged to apply for State govt. for financial assistance for tuition fee.
- Nursing students are facilitated to obtain loan from Vidyalaxmi portal of Central Government. Nursing student’s applications for financial assistance are recommended and forwarded to Trained Nurses Association of India, New Delhi and Ratan Tata scholarship schemes.
- University provides concession in fees up to 75% to nursing students. Earn and Learn scheme is also implemented for all students except medical and dental students .
- There is provision of concessions/scholarship for economically weaker sections from different agencies. Details are given at 5.1

**e) Outstanding achievers in sports and other extracurricular activities**

- Fee concessions are given to students who have represented the National or International events.
- The university provides travelling and dearness allowances and awards for such outstanding students.
- Weightage in attendance is given to the students who participate in sports and extracurricular activities during working days and internal assessment tests are specially conducted for them, if required.
- The University has provided financial assistance for state, national and international level sports and extra-curricular activities. (So far Rs. **12,05,371/-** in last 5 years are provided to students).



**2.1.6 Number of students admitted in the institution in the last five academic years:**

The year-wise fresh enrollment of **Undergraduate students** of different categories is as follows:

Categories	2011-12		2012-13		2013-14		2014-15		2015-16	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>M.B.B.S.</b>										
SC	01	--	03	01	01	01	--	--	--	01
ST	--	--	01	--	--	--	--	--	--	--
OBC	07	09	14	08	16	14	11	08	16	09
General	44	61	36	56	47	43	41	59	44	54
Others (VJNT)	02	01	02	04	01	02	02	04	01	--
<b>Total</b>	<b>54</b>	<b>71</b>	<b>56</b>	<b>69</b>	<b>65</b>	<b>60</b>	<b>54</b>	<b>71</b>	<b>61</b>	<b>64</b>
<b>B.Sc. (Nursing)</b>										
SC	--	01	01	02	03	01	--	--	--	01
ST	--	--	02	03	01	--	01	--	03	--
OBC	01	01	04	01	02	02	04	06	02	02
General	18	06	11	05	09	06	11	06	12	10
Others (VJNT)	--	01	--	--	--	--	01	--	--	--
<b>Total</b>	<b>19</b>	<b>09</b>	<b>18</b>	<b>11</b>	<b>15</b>	<b>09</b>	<b>17</b>	<b>12</b>	<b>17</b>	<b>13</b>
<b>P.B.B.Sc (Nursing)</b>										
SC	--	01	--	04	01	03	--	02	01	02
ST	--	--	--	01	--	--	--	--	--	--
OBC	--	04	02	03	--	03	--	--	--	--
General	--	04	03	09	--	02	--	05	01	06
Others (VJNT)	--	01	--	01	--	--	--	--	--	--
<b>Total</b>	<b>--</b>	<b>10</b>	<b>05</b>	<b>18</b>	<b>01</b>	<b>08</b>	<b>--</b>	<b>07</b>	<b>02</b>	<b>08</b>
<b>B.D.S.</b>										
SC	--	01	--	01	02	04	03	05	02	04
ST	--	--	--	--	--	--	--	--	--	--
OBC	03	04	02	05	09	12	09	14	09	20
General	32	51	41	50	30	40	29	38	23	41
Others (VJNT)	--	--	01	--	01	02	01	01	--	01
<b>Total</b>	<b>35</b>	<b>56</b>	<b>44</b>	<b>56</b>	<b>42</b>	<b>58</b>	<b>42</b>	<b>58</b>	<b>34</b>	<b>66</b>
<b>B.Sc. (Biotech)</b>										
SC	00	00	00	01	00	00	00	00	00	00
ST	00	00	00	00	00	00	00	00	00	00
OBC	00	00	00	00	00	00	00	00	00	00
General	00	00	02	02	02	01	02	01	00	00
Others (VJNT)	00	00	00	00	00	00	00	00	00	00
<b>Total</b>	<b>00</b>	<b>00</b>	<b>02</b>	<b>03</b>	<b>02</b>	<b>01</b>	<b>02</b>	<b>01</b>	<b>00</b>	<b>00</b>
<b>BPT</b>										
SC	<b>01</b>	<b>01</b>	<b>01</b>	<b>07</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>04</b>	<b>02</b>	<b>04</b>
ST	<b>01</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>01</b>	<b>00</b>	<b>01</b>
OBC	<b>02</b>	<b>02</b>	<b>01</b>	<b>08</b>	<b>01</b>	<b>07</b>	<b>00</b>	<b>08</b>	<b>02</b>	<b>08</b>
General	<b>04</b>	<b>19</b>	<b>07</b>	<b>24</b>	<b>03</b>	<b>39</b>	<b>04</b>	<b>33</b>	<b>08</b>	<b>27</b>
Others (VJNT)	<b>00</b>	<b>00</b>	<b>01</b>	<b>01</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>
<b>Total</b>	<b>08</b>	<b>22</b>	<b>10</b>	<b>40</b>	<b>04</b>	<b>46</b>	<b>04</b>	<b>46</b>	<b>12</b>	<b>40</b>



The year-wise fresh enrollment of Postgraduate students of different categories is as follows:

Categories	2011-12		2012-13		2013-14		2014-15		2015-16	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>RMC</b>										
SC	--	--	03	01	01	--	--	01	01	--
ST	--	--	--	--	--	--	--	--	01	--
OBC	07	--	09	01	07	02	05	01	02	02
General	38	13	36	13	30	19	35	16	33	19
Others (VJNT)	03	--	01	01	01	--	05	02	05	--
<b>Total</b>	<b>48</b>	<b>13</b>	<b>49</b>	<b>16</b>	<b>39</b>	<b>21</b>	<b>45</b>	<b>20</b>	<b>42</b>	<b>21</b>
<b>CON</b>										
SC	--	--	01	--	01	--	--	--	--	01
ST	--	--	--	--	--	--	01	--	--	--
OBC	--	--	--	--	02	--	02	--	02	01
General	02	01	--	05	--	01	02	05	10	04
Others (VJNT)	--	--	01	--	--	--	--	--	--	--
<b>Total</b>	<b>02</b>	<b>01</b>	<b>02</b>	<b>05</b>	<b>03</b>	<b>01</b>	<b>05</b>	<b>05</b>	<b>12</b>	<b>06</b>
<b>RDC</b>										
SC	02	02	01	01	--	01	01	01	01	01
ST	--	--	--	01	--	--	01	--	--	--
OBC	01	02	01	--	01	02	02	01	02	02
General	09	06	07	10	05	07	05	06	04	07
Others (VJNT)	--	--	--	--	01	01	02	--	--	--
<b>Total</b>	<b>12</b>	<b>10</b>	<b>09</b>	<b>12</b>	<b>07</b>	<b>11</b>	<b>11</b>	<b>08</b>	<b>07</b>	<b>10</b>
<b>CBT</b>										
SC	00	00	00	00	00	00	00	00	01	00
ST	00	00	00	00	00	00	00	00	00	00
OBC	00	03	02	01	02	01	00	00	00	01
General	04	05	02	00	01	00	00	00	00	01
Others (VJNT)	00	00	00	00	00	00	00	00	00	01
<b>Total</b>	<b>04</b>	<b>08</b>	<b>04</b>	<b>01</b>	<b>03</b>	<b>01</b>	<b>00</b>	<b>00</b>	<b>01</b>	<b>03</b>
<b>CSM</b>										
SC	-	-	01	00	00	00	00	00	00	00
ST	-	-	00	00	00	00	00	00	00	00
OBC	-	-	00	00	00	00	01	01	01	01
General	-	-	01	02	00	00	00	01	03	01
Others (VJNT)	-	-	00	00	00	01	00	00	00	00
<b>Total</b>	<b>-</b>	<b>-</b>	<b>02</b>	<b>02</b>	<b>00</b>	<b>01</b>	<b>01</b>	<b>02</b>	<b>04</b>	<b>02</b>
<b>COPT</b>										
SC	-	-	-	-	-	-	-	-	-	-
ST	-	-	-	-	-	-	-	-	-	-
OBC	-	02	-	01	01	-	-	02	01	03
General	03	09	03	09	-	12	2	7	-	04
Others (VJNT)	-	-	-	-	-	-	-	-	-	01
<b>Total</b>	<b>03</b>	<b>11</b>	<b>03</b>	<b>10</b>	<b>01</b>	<b>12</b>	<b>02</b>	<b>09</b>	<b>01</b>	<b>08</b>



**2.1.7 Has the university conducted any analysis of demand ratio for the various programs of the university departments and affiliated colleges? If so, highlight the significant trends explaining the reasons for increase / decrease.**

Yes, The university annually conducts analysis of demand ratio for the various programs of the Constituent Units for students and faculty.

Year	UG Courses (Medical + Dental + Physiotherapy + Nursing )	P.G. Degree & Diploma (Medical +Dental)
2011	1:7.0	1:6.59
2012	1:10.9	1:5.91
2013	1:8.98	1:4.24
2014	1:7.85	1:5.12
2015	1:9.13	1:4.71
For all other courses the demand ratio is around 1:1		

**Student admission:**

There is significant increase in the demand for admissions to the various academic programs offered by the University. This is mainly because of the following:

- Accredited University by NAAC, excellent infrastructure with 24x7 electricity and water supply, environmental friendly lush green campus, safe and secured campus with CCTV surveillance, state-of-Art teaching hospital with adequate clinical resource, well qualified faculty and well-structured curriculum, national and international recognition of constituent units, Well-placed alumni globally, International and national collaborations, MOU’s

**Faculty:** In-spite of geographical limitations, highly qualified faculty with vast experience in the field are seeking employment due to better staff welfare schemes, excellent residential facility and availability of educational facilities from **KG to PG** for their children; has positive impact on the demand ratio. The admirable rate of faculty retention for all programs speaks for excellent human resource management of the University. Uniformly distributed work-load, commensurate with the capabilities, has increased productivity of faculty members.

**Quality Enhancement:** The increase in number of seats in the last few years for MBBS, Physiotherapy, Basic B.Sc. Nursing, Post Basic Diploma courses and M.Sc nursing courses is due to demand for the courses and greater employability of graduates in India and abroad, and preference to PIMS – DU based on affordability, less of maintenance expenditure and security. Master in Public Health (MPH) has been started in 2011-12 due to greater employability, but is yet to pick up.

- Excellent infrastructure facilities along with abundant clinical material, and need based research facilities available and opportunity to do electives at various foreign universities with whom the university has MoU have attracted students for all the courses to a greater extent.
- The University has started several new and contemporary programs in the last 4 /5 years.

**2.1.8. Were any programs discontinued / staggered by the institution in the last four years? If yes, specify the reasons.**

Yes, The University has discontinued the MBA programs in last four years due to technical reasons, since course was conducted at off campus. Due to dwindling admissions, university





has temporarily suspended enrollement for the courses. B.Sc. & M.Sc. (Biotech) integrated course.

## **2.2 CATERING TO STUDENT DIVERSITY**

### **2.2.1 Does the institution organize orientation / induction program for freshers? If yes, give details such as the duration, issues covered, experts involved and mechanism for using the feedback in subsequent years.**

The University since its establishment has been conducting orientation / induction programs for freshers every year at the beginning of the academic session. The senior faculty, administrators and Student Counselors are involved in conduct of these programs. The induction programs for fresh undergraduate students along with their parents are conducted in each constituent unit for a period of 1-3 days and following information is provided to them:

Vision, mission, objectives of the University and constituent Units; Academic requirements of different courses; Disciplinary behavior expected from students, and Students Code of Conduct is practiced; Mentorship program of the University and Facilities for extracurricular activities; Examination patterns for different courses; Library facilities available and Hostel facilities and its regulations; Student support services including grievances redressal mechanism; Health insurance scheme of the University and Student Council activities; Anti-ragging codes in the campus and Availability of students counselor; Availability of other academic/value added programmes in the university; Amenities like, gymnasium, canteen, rest rooms, health centers, sports facilities, etc.; Interaction with teaching & non teaching staff; Familiarization of campus

The induction programs for fresh postgraduate students are conducted for three days every year. In addition to the information provided to UG students, the PG students are also briefed on the following:

Research methodology and Application of Biostatistics; Synopsis and dissertation writing; Critiquing an article; Ethics and literature search; Patient care services; Evidence Based Practices, GLP/GCP; BMW management

A separate three days orientation workshop on Research Methodology is conducted by senior faculty. The following topics are covered:

Identifying the thesis/research topic/area; Framing objectives. Study designs; Sample size calculations and sampling methods. Developing data collection tools and methods of data collection. Data analysis and application of various test of significance. Writing thesis/dissertation; Referencing and bibliography etc.

- The students from outside the state are trained to communicate with the patients in the local language through language laboratory and coaching class strategies.
- The Pre-tests and Post-tests are taken along with feedback on conduct of induction programs is critically analyzed every year, discussed in the College Council Meeting and, a strategic approach is devised for improvement of the system in subsequent years. If necessary, resource persons are advised to be more focused in their narrations. This, in turn, facilitates quality enhancement in orientation classes.



**2.2.2 Does the institution have mechanism through which the “differential requirements of the student population “are analyzed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?**

Yes, PIMS-DU identifies the differential requirement based on induction during orientation, feedback, involvement, response, entry level performance of +2.

- Taking cognizance of the variations in the students’ knowledge and skills the university conducts short term Induction and Orientation courses for all the levels of entrants including the undergraduates and the postgraduates, before the commencement of program. Additionally this helps in effective mitigation of the diverse needs of the learners, renders necessary cushioning and bridges the palpable gaps between levels of competence, for incoming students.
- On the basis of the Pre-tests and Post-term result of the above, the students who are unable to comprehend through such short course are identified and further referred to the need based institutionalized mechanisms like student’s guidance cell, behavioral and attitudinal skill labs, linguistic labs, computer skill labs for ensuing measures to level up the competencies towards coping with the curriculum he/she is to undertake.
- The students who are not familiar with the local language are identified. The language classes in Marathi are conducted for students from outside the state and other countries.
- Specially designed dental chairs are provided to the students with left hand dominance.
- Social differential requirement such as food and accommodation preferences are provided. Cultural issues, occupational issues, local festivals, faith, belief system, food habits, seasons and clothing pattern of community are made known to students.

**2.2.3 How does the institution identify and respond to the learning needs of advanced and slow learners?**

- PIMS-DU initiated the process of identifying and responding to the learning needs of students and categorizing them into under performers and advanced learners, in order to bridge the gap between their existing skills, knowledge and competencies. Appropriate delivery plan like class-based, online or a mix of these and other formats are initiated considering the time frame (once/continuous).

Identification of slow learners/ under performers: is on the basis of performance in teaching sessions; Valuation of periodic assessments; Mentor evaluation and class teacher observations; Peer referral through the mentor cell; Specific inputs from Hostel Authorities including wardens and rectors.

To facilitate the slow learners: PIMS-DU has a structured Remedial Teaching in the form of capsulated teaching program, during each term creating extra opportunity to academically disadvantaged students, for their learning enhancements. Preceptors of such students use their good offices with the fellow colleagues to provide an extra coaching to such students. Additionally, need based evening clinics are conducted to strengthen their skills. Student Guidance clinic offers counseling to such individual exhorting, assisting and guiding them towards remedial reinforcements. The parents of the students are also communicated about their performance and positive reinforcement of the parental support is sought. Senior students and PG students acting as student peers.



Advanced learners are groomed by

- Conferred Endowments , Scholarships and Gold medals
- Provide additional research opportunities such ICMR STS, and presenting their work at the regional /state/National conferences of professional bodies.
- Encouragement to actively lead the interactive teaching schedules, student seminars and assignments.
- Appreciating with formal certification by the Student Welfare Units
- Role of leadership for the batch, class, event management

**Enhancement:**

- Validated structured questionnaires strategies to identify slow and advanced learners are used in all the constituent units.
- Some of the constituent units evaluate students continuously through the system of “**Blue Book**”. This evaluation is conducted on completion of a topic in the syllabus to gauge the understanding of the student on particular topic.
- For slow learners, personal counseling by concerned faculty and mentors is arranged. They are also made to attend remedial classes.

The advanced learners on the other hand are provided sponsorship for participating in conferences and conventions; Provided opportunity to contribute directly to the LMS generation through Composite Modules. They are directed to refer additional books and journals. They are motivated to appear and excel in competitive exams like GPAT, IELTS, GRE, TOFEL, IAS, etc. They get an opportunity to go abroad under exchange programme

**2.2.4 Does the institution offer bridge / remedial / add on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise / faculty-wise??**

**Yes.** PIMS-DU maintains the pace with the demand for career – oriented courses at undergraduate and postgraduate level. Towards generation of paramedical technicians and enhancement of trained manpower for focused higher trainings, various add-on courses are provided to the students in addition to regular courses. Many are listed at 1.3 of SSR.

- Bridging is carried out by organizing the session during Induction and Orientation programs along with communication and linguistic training for undergraduate and post graduate level. And also by each class teacher of college / department before commencing the actual syllabi.
- The constituent units have been conducting remedial teaching for identified slow learners. They initiate necessary steps to resolve the competency gap existing amongst the students. The students are well-informed through time table and individual slow learners in the concerned subjects of all programs.
- Add-on courses have been designed in a flexible manner, as they run parallel to the conventional methods, so as to improvise the clinical skills training of the students.
- STC, STTP and workshops are conducted by each department based on need, installation of new equipments, introduction of new methods, procedures and interventions ( prevention, control, treatment, rehabilitation) and all national and global mission objectives, SOPs and manuals.



- The University provides bridge course in research methodology, linguistic skills for postgraduates and Ph.D. scholars.
- Various certificate and diploma courses in medical, dentistry, nursing, CSM and biotechnology are offered by the University apart from STC, STTPS (for the benefit to graduates to enhance para medical staff availability) (they are listed at 1.1.2, 1.1.9, 1.2.1, 1.3.4, 1.3.5 of criterion I of SSR).
- Value Education has been started for undergraduate student in first year for 20 hours and reflected in timetable.
- Environmental studies (EVS), bioethics and biostatistics have been incorporated as an additional subject for all undergraduates of constituent units. BLS, ACLS Training is given to staff and students.

**2.2.5 Has the institution conducted any study on the academic growth of students from disadvantaged sections of society, economically disadvantaged, differently-abled, etc.? If yes, what are the main findings?**

The initiation of monitoring academic growth of students starts with mentorship program where each faculty closely monitors the academic performance of small group of students. The analysis of students attending Student Guidance Cell is also studied on regular basis. This procedure has evolved into a more organized system. The analyses of the performance of disadvantaged sections, economically disadvantaged and differently-abled students are carried out periodically. In order to enhance their performance, Book bank facility for all students is provided. Fee concession and reservation are provided as per policy of government. Counseling (socio psychological), mentoring, tutorials, motivational and inspirational talks, sessions on goal setting, bench marking and role modeling are ensured.

**The main findings of the analysis are as follows:**

- The enrollment of students from disadvantaged section of society, economically disadvantaged and differently – abled in UG and PG courses are significant. Study conducted by the University on academic growth of economically disadvantaged students showed an increase in passing percentage from first year to final year for undergraduate students. For postgraduate students, the study showed enhanced performance in examination for all the constituent units.
- Among students who participated in various placement activities organized by the constituent units, students belonging to disadvantaged sections of society, economically disadvantaged and differently- abled section have been successfully placed.
- From students belonging to disadvantaged sections of society, economically disadvantaged, differently-abled, etc. as slow learners were identified. Remedial classes were conducted for them and their performance improved significantly in the subsequent examination. Issues in respect of language barrier, less proficiency in English, inferiority complex, introvert nature, lack of leadership qualities, fear psychosis, cultural and economical barriers are addressed successfully (mentoring, counseling, special sessions)
- **“Earn while learn”** scheme is introduced for economically disadvantaged students. (students from nursing colleges working at PRH for both learning and earning)





**2.2.6. Is there a provision to teach the local language to students from other states/ countries?**

**Yes.** The students from outside states and countries are taught **Marathi** language (communication and linguistic lab) It is necessary while working with colleagues and during clinical assignment and work. A small booklet on “**Marathi as a communication skill**” is also printed and distributed free to these students, which facilitates to communicate with the local people and patients. A remedial coaching in English language is also offered to foreign students and rural students, as and when required.

**2.2.7 What are the institution’s efforts to teach the students moral and ethical values and their citizenship roles?**

One of the objectives of PIMS-DU is to provide high quality educational experience with humanity & family life education to inculcate moral and ethical values among students.

- Value education, Bioethics code of conduct, professional ethics and morals form an integral part of the curriculum of all the academic programs and co-curricular activity.
- The forums organizes several special camps, street plays, visit schools, special schools, old age home, orphanages, rallies and other program of social importance in which the students inculcate sense of service and learn about citizenship roles, care, empathy and values.
- The days of national importance are celebrated to build moral and human values, civic responsibilities and sense of national integrity and pride. National Education Day, Youth Day, Constitutional day, Teachers Day, Women’s day and National Integration Day are observed as per the UGC norms.
- Topics of bioethics, Hippocratic oath, Nightingale pledge and human values are taught inspirational and motivational lectures, special lectures, art of living programmes, PIMS-DUs padmanjali, inventum, celebration of national cultural festivals are arranged.
- Students adopt 5 families of a village during their course duration years for all aspects of health and wellbeing and imbibe value system. A book on Bioethics / value education has been published.

**2.2.8 Describe details of orientation / foundation courses which sensitize students to national integration, Constitution of India, and culture, empathy, women’s empowerment, etc.**

- PIMS-DU believes in preparing better human being with professional competence by building values, civic responsibilities and sense of national integrity, respect for constitution of India, patriotism respect for gender and human rights, protection of culture and heritage. It is achieved through following strategies.

**National Integration:** The students are sensitized by observing and celebrating Independence Day, Republic day, Teachers day, International Non – Violence day, Children’s day, Maharashtra day, Labour Day, Gandhi Jayanti, Dr. Ambedkar Jayanti, Mothers Day, Rakcha Bandhan and National Integration day. Special talks camps, workshops are arranged by experts on occasions of national festivals.



**Art and Culture:** “Annual cultural fest, Talent’s day and fun week” are observed to promote art and culture. Students also actively participate in cultural and sports meet and competition at all levels (Collegiate, Inter collegiate, and All India)

**Empathy:** Rallies, awareness programmes, sensitization strategies, adaptation of family and villages, camps. Annual retreat and value education classes are regularly held and conducted. Through these strategies, student develop concern for poor and critically ill patients

**Women’s empowerment:** The University has vibrant “**Women Empowerment Cell**” which conducts regular courses for female students and staff members on various issues like, role of women in society, womanhood, sex ratio, female feticide, balance diet, child labor, child marriages, child trafficking etc. ‘Student’s Guidance and Counseling Cell’ and ‘Women harassment redressal Cell’ for prevention of Sexual Harassment are constituted to address various grievances at all levels. Female student’s representatives are included in College council, the Student Council, IQAC and other committees. Sports and cultural activities are regularly arranged for women. International Women’s day is celebrated including special female guest lecture & interaction.

**Quality Enhancement:** PIMS-DU has appointed a number of female staff as guardians for security at girl’s hostels and hospital premises. A number of female health link workers are appointed by the university as a part of women upliftment. Anti ragging committee of senior teachers and students, ensure safe environment for all students, as well as provide full support to the students. This ensures a ragging free campus with zero tolerance to ragging.

#### **2.2.9. *Has the institution incorporated the principles of Life style Modifications for students based on Eastern approaches in their day to day activities?***

**Yes.** The life style modification is part –n-parcel of the curriculum as non communicable / life style diseases are taught in all discipline across the constituent units of the university. Apart from this, mentors are emphasizing the need of life style modifications during their meetings with students. Excellent facilities for indoor and outdoor games, gymnasium, presence of physical instructor, yoga classes etc. are provided.

- strategies to avoid life style disorders are adopted. Importance has been given to yoga, meditation, diet, nutrition, relaxation concentration and well being, to prevent and control Diabetes, Hypertension, Heart Attack, Liver and Kidney Failure, Spondylosis, Rheumatoid Arthritis, Stress, Anxiety, Depression, Intolerance, Respiration and Food Allergies
- Topics related to life style modification in relation to nutrition and diseases are covered in the curriculum. The students are sensitized to the issues of substance abuse like tobacco, alcohol and drugs through various programs and activities. National days like No Tobacco Day, World Cancer Day, World Health Day – Farm to Plate, are celebrated for sensitization and practice of the healthy life style. Sessions and coaching on yoga, meditation, relaxation strategies, balanced food, fruits, vegetables, locally available food grains and vegetables are held regularly. Advice is given towards avoidance of junk food, anxiety, stress, depression, fear psychosis.
- National Yoga day is celebrated with a month long yoga training programs arranged by an expert in the field. Yoga training, aerobic classes, breathing exercises, physical fitness and relaxation technique workshops are regularly conducted for students and faculty. ‘Value Education’ has been successfully introduced. During the ‘World Heart Day’ celebration, oath is administered to students and public to quit alcohol and smoking, and inculcate habit



of regular exercises and healthy food intake. Every year local Mini Marathon - FUN - RUN - FOR HEALTH" is organized. Sessions on cancer prevention, control and treatment of HIV/AIDS, STD, TB etc are also organized.

**2.2.10 Has Yoga / Meditation / any other such techniques been practiced by students regularly as self – discipline?**

**Yes.** PIMS-DU has been engaged in preservation of India's oldest philosophies that have remained, unbroken and progressive for the betterment of human beings. The students have inculcated these values along with their ability to adapt to changing times. Yoga / meditation classes are conducted regularly in the morning hours in hospital premises. Yoga forms a part of co-curriculum of Physiotherapy and Nursing courses. Lectures and workshops on yoga, meditation and art of living by spiritual gurus is arranged periodically. Places of worship in the campus provide ambience and appropriate tranquility.

**2.2.11 How does the institution attend to the diverse health issues (physical and mental) of students and staff?**

- PIMS-DU PRH hospital provides comprehensive quality health care i.e. preventive, promotive, curative and rehabilitative to all students and staff, through following strategies and steps:

- The Counselor offers advice to students to overcome psychological problems through Student Guidance and Counseling Cell and experts at dept. of Psychiatry, if needed.
- Consultation, investigations and IPD facility are made available through Pravara Rural Hospital.
- Health Insurance for students along with free available health care services. These facilities are also extended to staff members.
- Maternity leave is available for staff and students.
- Separate Common room facility for boys and girls is provided for all students in the college premises.
- Local and Referral Transport facility during medical emergencies / for referred patients are provided free of cost.
- The hostels provide healthy hygienic food and safe water. Taste and quality is checked periodically.
- Indoor and outdoor sports and games facilities are made available to student & staff to improve/maintain their physical and mental health.
- Multi-stage gymnasium with spa is available to the Male and female students at their hostels.
- The services of physical instructor, Student Counselor and yoga teacher are available to all free of charge.
- Inspirational and motivational lectures and addresses by the experts, illustrious personalities on regular basis

**2.2.12. Does the institution cater to the needs of groups / individuals requiring special attention by conducting group classes / special individual trainings / focused group discussion / additional training measures etc.?**

**Yes.** The faculty of PIMS-DU identify learning attitude, behavior and capabilities of students through their performance, mentorship program , peer reporting and then opportunities are created for an individual or group for learning by conducting remedial classes , focused group discussions, tutorials, quizzes, projects, assignments and skill / technique demonstrations.



- Slow learners who require specialized and individual attention are dealt separately through remedial classes. Advanced learners are trained to take up research projects, make scientific presentations and manuscript writing. In some constituent units, every week Problem Based Learning (PBL) sessions are arranged. Students are also encouraged to attend and participate monthly clinico-pathological discussions, staff & student research society meeting, clinical meet etc. on a specified day and time.

The university has provided the facilities like E-learning modules, digital library, communication skill lab, multi-level Clinical skills laboratories, different teaching museums, training on mannequins to enhance quality of knowledge and hands-on practice for mastering the competencies. [The strategies are also explained at 2.2 and 2.3 of criterion II of SSR].

## **2.3 TEACHING-LEARNING PROCESS**

### **2.3.1 How does the institution plan and organize the teaching-learning and evaluation schedules such as**

**Institutional Planning:** It Includes Academic Calendar, Time Table, Work distribution, rotation planning, advance teaching plans. The annual calendar has been a live document that has been evolved continuously. It gives academic directions and provides set of strategies for accomplishing the academic mission of the university. All the academic programs including teaching learning and evaluation schedules are prepared well in advance, before the commencement of the. academic year.

Such academic calendar for the whole academic year is planned in consultation with the heads of colleges and Board of Studies, adhering to guidelines and directions of statutory bodies. It depicts the term period, number of working days, vacation period, meetings of statutory bodies and their schedule, dates of curricular and co-curricular activities, submission of synopsis and dissertation (for PGs), etc.

Evaluation blue print is prepared for formative evaluation by the institution and university Examination Cell. For summative evaluation, it is prepared by Controller of Examinations and includes the schedule for preparatory process as well ensuring timely dispensing of all the tasks including results.

The academic calendars are circulated to all concerned including HOIs, HODs, faculties, students and on Website before commencement of academic year.

#### **Organizing Teaching –Learning and evaluation:**

##### **Teaching -Learning:**

The teaching plan serves as a roadmap for journey to academic excellence, incorporating set strategies and initiatives in teaching and learning. Phase wise curricular committee meets and decides about teaching plan and structures the time table including theory and practical schedules, which are then, placed in students' information brochures for wide circulation to all stakeholders, for each batch when they get admitted to the course and during their inductions.

The brochure includes Master Time-Table including department, theme, topic, and time wise depictions (didactic lectures, practical, demonstrations, bedside teaching, integrated teaching, microteaching, PBL, journal clubs, etc.; Clinical posting time table and hospital posting time table; Detailed schedule of Part Completion Tests, Terminal examinations preliminary



examinations; Schedule of University examinations; Cultural event time table; Co-curricular-Sports time table; Schedule of outreach and out posting in advanced centers).

The university has a 1275 bedded medical teaching hospital and dental college hospital with 300+ dental chairs and 9 OPD's as well as OPD of Physiotherapy wherein all modern facilities are available for teaching and learning at undergraduate and postgraduate level.

All the colleges have well furnished laboratories with sophisticated equipments, learning resources, e tools, museums, and skill laboratory facilitating both pre, para and clinical teaching at all levels - UG, PG, PhD. Adequate number of classrooms with ICT facility are available

- A well organized network of rural health centers provides students with an opportunity to see a wide range of disorders in population, with varied social, economical and cultural backgrounds. The community oriented health professional education is the hall mark of this university where constituents units of the university have focused upon since its inception. Under Public Private Partnership model, Govt. health centers has been adopted apart from our own RHC's and THCs and regular expert visits are done; this provides an added opportunity for community oriented health professional education. Undergraduate and post graduate students are participating in various community partnership activities such as Multi-diagnostic & treatment health camps, specialty camps, skill development program, awareness programs, etc.
- Under its Community Academic & Health Care program in villages, every year five families are adopted to first year students for learning the individual, family societal dynamics and early clinical contact to sensitize for holistic health care. Schools are also adopted.

**Organizing Evaluation:** The program for evaluation are planned and notified at the beginning of academic year; includes preparation of examination schedules like-dates of paper setting, moderations, conduction of examination, declaration of result and grievances. All the theory papers are centrally held at examination hall and evaluated centrally through central assessment programme. Moderation of evaluated papers is also carried out. For "Formative" evaluation, there is an independent Examination cell which organizes, supervises and oversees all the evaluation process round the year, being conducted by the different institutions. Similarly, Summative examinations are organized and overseen by the Office of Controller of Examination of the university. Separate set of examiners for paper setting & evaluation, Double evaluation, access to evaluated answer books, grievances redressal for examination are some of the features of evaluation system.

#### **Monitoring Process:**

- The whole Teaching – learning and evaluation processes have continuous monitoring. A "Three Tier" Monitoring System for Teaching-Learning and Evaluation is functional.
- ✓ **First Tier – Department Level** : The head of the department supervises, monitors and evaluates implementation of teaching & learning by conducting monthly internal meeting of all the faculty. (based on department calendar, time table, advance future plan)
- ✓ **Second Tier – Institution Level** : College council meets at regular intervals to discuss and decide about "progress, problems, deficiencies, improvements to be made and future plan of action". (based on department calendar, time table, advance plan)
- ✓ **Third Tier –University Level** :





- An Academic administrative committee meets every month to review the progress made and new decisions to be taken under the chairmanship of the Vice Chancellor along with members of the college council. (based on university calendar and schedules).
- Review and Monitoring includes : adherence to academic calendar, time table, dissemination and transaction of curriculum adoption of pedagogic methods and innovation, holding of regular classes, attendance, practicals, fieldwork, clinical and community posting, participation in camps, PHC work and submission of journals, logbook assignment, continuous internal assessment, remedial classes, tutorials, seminars, group discussions, journal clubs, project work. The work of teacher and students and their active participation is also reviewed.
- Independent Examination Cell and grievance redressal cell has brought the transparency in Internal assessment examinations. OSCE and OSPE have been included as a part of evaluation.
- ICT enabled teaching & learning, computer simulations and computer assisted learning has been encouraged and adopted.

**2.3.2 Does the institution provides course objectives, outlines and schedules at the commencement of the academic session? If yes, how is the effectiveness of the process ensured?**

**Yes.** Each institution provides course objectives; outline and schedules for academic session of the University are posted on the University and constituent units' website and updated regularly. Printed academic calendar including outline of each course are made available to the students and staff.

**Quality Sustenance and Enhancement**

- Every academic year commences with a meeting of the Vice-Chancellor, Principals and the Heads of the various Departments of the constituent units to discuss in detail the academic plan for the year.
- Heads of the departments along with other faculty members discuss on the allotment of the time for theory, practical's, clinical teaching and bedside clinical demonstration in the OPD, Operation Theatre (OT) and the wards. Distribution of teaching hours per subject is done as per the norms of the statutory bodies.
- Integrated time table of the department is prepared and submitted to the Dean/Principal /Directors for approval.
- Orientation and induction programme highlights the course objectives, syllabi and expected outcome (UG, PG, interns of different level).
- Regular evaluation of teaching-learning process is done by HOD and HOIs through, academic audits and student feedbacks .The unfolding of these schedules including course / syllabus progress and completion are closely monitored by them.
- Emphasis has been given to beyond curriculum scholarly activities.
- At the end of every month such reports are then submitted in the college councils. Any deviations noted are appropriately dealt.
- The institutions and Mentors keep the parents / guardians informed about the attendance and academic progress of their wards. If necessary parents are called and students are counselled.



**2.3.3 Does the institution face any challenges in completing the curriculum within the stipulated time frame and calendar? If yes, elaborate on the challenges encountered and the institutional measures to overcome these.**

**No.** PIMS-DU monitors and ensures completion of teaching –learning – evaluation as per stipulated time frame & Calendar of Events. Till date, all the constituent units have been completing the curriculum within the stipulated time frame. Hence, no challenges were encountered. The principal, HOD’s as well as statutory officers of university ensure timely coverage and completion of syllabus within the time frame.

**2.3.4. How is learning made student-centric? Give a list of participatory learning activities adopted by the faculty that contributes to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.**

The teaching -learning process of the university is learner – centric. Every effort is made to make the teaching – learning process interactive, interesting and meaningful. The didactic lectures, Tutorials, Practical/Clinical demonstration are supplemented with the following “Learner Centered Learning Methods” which facilitate the students for self management of knowledge development and skill formation towards acquisition of life skills, knowledge management skills and lifelong learning.

- **In didactic teaching:** In 1 hour of lecture , few minutes in the beginning and the end are for didactic teaching and 15 minutes for interactive mode
- **Problem Based Learning / Approach.**

The institute has adopted Problem-Based Approach suited to the students to help them in conceptual understanding and clinical reasoning for solving health related problems. The thrust areas are Community Oriented Medical Education, Professional qualities and skills, Clinical reasoning, Clinico-social diagnosis and Management & Self Directed Learning.

Salient features of PBL are as follows:

- The learning objectives are framed for each phase/ year.
- Relevant topics are selected for the PBL sessions.
- Scenarios are constructed by a group of faculty.
- The student groups (only 8 -10 students in each group) are small.
- Facilitators are selected and trained by the trained faculty at the institutional as well as University level
- One Facilitator is assigned the responsibility of one group each.
- Two hours PBL session is held once a week.
- Students are encouraged to avail all the possible and available sources of information for effective learning – print, e database and resources

- **Seminars:** All Students are encouraged to prepare and present seminars in the class so as to learn literature search, develop writing skills, prepare power points, referencing etc. through the effective use of ICT.
- **Assignments:** Sharing reports and records
- **Group discussion,** journal clubs and micro teaching, for PG
- **Self Learning** through museums, laboratory, bed side clinics, OT, CCL, CBL,SDL,CAL



- **Student research** – Research methodology, statistical analysis, projects, dissertations, paper presentation and publications
- **Competency Based Learning** through skill labs, use of e-learning modules and encouraging evening IPD rounds, BLS, ALS, ACLS.
- **Best Evidence Based Learning:** “EBM is an antithesis to Occultism & Mysticism”. The institution practices EBM by integrating individual clinical / health expertise with the best available external clinical / health evidence from “Systematic Search”. This forms the core of the hospital care at this institute. The development of required skills, knowledge and attitude to practice is being emphasized during day-to-day clinics, and orientation to this is provided through Department of Health Professions Education.

**Skills Based Learning** through “Simulation” models specially in clinical skill labs and through working on /with mannequins

**Community Academic & Health Care Program-Field / community visits :** Community Oriented, Need Based and Problem Solving Learning is one of the thrust areas in Medical Education at this institute, to equip Medical Graduates with desired knowledge and skills to serve the humanity.

Since inception the University has adopted the “**Community Academic & Health Care Program**” to foster health promoting partnership between communities and educational institutions that builds each other’s strength, confidence, and capabilities; and develop health professions education relevant to the country through continuous dialogue between “Community – Student – Teacher & health care providers”.

This program helps:

- a. Student, teachers & community to share ideas, knowledge, resources and experiences to create healthier communities and appropriate community physician.
- b. Community-Teacher interaction and also provides opportunity for the students to learn various methods in Research and Development of knowledge.
- c. The Community also provides opportunities for teaching- learning.
- d. Providers of Professional education and students are symbiotic in developing excellent understanding and thrive for learning in the communities.

✓ **Exposure to Health and Medical care Organization :**

Students are exposed to various health & medical settings like District TB Center, District Leprosy Center, District Malaria & Filariasis centre, DHO, Mentally Retarded Homes, Remand Homes, Elderly Homes, School for Deaf & Dumb, Non Governmental Organization, PHC visits, Leprosy clinics, Destitute Homes, and General Practitioners.

Organization of programmes of local chapters of professional bodies at PIMS

- Involvement of students in funded projects like ICMR funded Short Term Studentship program.
  - Community & need based minor research and field studies.
- Student also learns through their Peer interactions in OPD/IPD, proceedings at CM, CME, CPC, conference/workshop organized



- Students are encouraged to organize and participate in elocution and quiz competitions, conferences, and workshops that are conducted within the institution and those conducted by other institutions, which contribute to holistic development of the students.
- Post graduate students are also exposed to Clinical meet, CBL, journal club, seminars, guest lectures, Mortality audit, clinic-pathological meetings, ward rounds, e-learning, continuing education programs, etc.
- PIMS – DU conducts ‘INVENTUM’ an annual national level competitive academic programme exclusively meant for UG, PG research presentation blended with thematic thrust areas based lectures and guidance by experts and evaluators.
- Sharing of experiences regarding rare and complex cases by experts and peer during case discussions and journal clubs facilitates life-long learning of PG students and teachers. Apart from participation in International and National conferences where live demonstrations of unique and new surgeries / techniques are done, routine operation theatre procedures are e - telecasted for the benefit of the students. Guest lectures are conducted on societal, moral and bio-ethical issues for the holistic development of the students.

### ***2.3.5 What is the institution’s policy on inviting experts / people of eminence to augment teaching –learning activities?***

PIMS-DU has been extending invitation to subject experts and people of eminence, recognized national and internationally. It has facilitated nationalization & globalization of health professional education and has benefited the faculty and students. (Guest lecture, case presentation, demonstration, workshops, experiences, sharing. The continues education units organize these events).

- Basic Research Methodology workshop conducted by University Research Center and MEU invite eminent scientists and research experts.
- All the constituent units organize National / State / Regional Conferences / CMEs/ Seminars/ Workshops wherein, people of eminence are invited, which augments teaching –learning activities on regular basis.
- Expertise of Honorary Professor Emeritus, Adjunct Professors and Visiting professors both within India and abroad who are people of eminence in their fields. Their expertise is utilized for augmenting teaching – learning process.
- Select teachers of foreign university visiting PIMS – DU as per collaborative MOU’s delivers lectures, conduct workshops, and demonstrations at PIMS – DU. They share their experience and expertise of their parent institutions for the benefit of our students
- The digital facility available at Department of Pathology to get immediate second opinion on histopathology has helped in sharpening the differential diagnosis and sensitivity of the reports.
- The newer research projects bring experts in the respective fields such maternal and child development, cancer, HIV/AIDS, tobacco causation and HLA typing which facilitate up-gradation of the knowledge and skills.



### **2.3.6 Does the institution formally encourage learning by using e-learning resources?**

Yes. PIMS-DU has good ICT enabled infrastructure with Wi-Fi, facilitating e learning that incorporates face-to face classroom methods blended with computer – mediated / assisted activities. (CAL, PPT, e book browsing, webinar/ video conferencing, documentary/ live video viewing, e learning resources, e data bases, open ended learning recourse )

- Each lecture theatre and seminar rooms are equipped for such use with computers and LCD projectors.
- University has digital library of international standard with Wi-Fi facility, broadband facility. In Internet section, there are 50 Pentium PCs with Broadband connections of 2 MBPS bandwidth to provide free services to the users.

[List of E-learning resources, IT facilities and tools servers are given in details at 4.3 and 4.4.9 criterion IV of SSR]

- Access to “Sakshat.ac.in” through 1 GBPS lease line obtained through NMEICT (National Mission of education through ICT) is planned and is under consideration.
- The ECMC facility at MET and e digital lab at central library, IT support has helped in adopting effective e learning
- It has tele-health centers imparting regularly health care services to two remote areas and offering opportunities to PG students to learn this skill. A virtual on-line communication (visual) from patient in the remote rural areas to Pravara Rural Hospital is carried out through this network of tele-health centers.
- Online self study module for preparation of PG entrance software is made available by Elsevier i.e. PGMEET.
- The technology is made use in patient care, All the Departments are provided LAN system, CCTV network, DICOM and PACS system through which patient information is accessed. The pictures of Electrocardiogram (ECG), Electroencephalograph (EEG) and CGT are shared with the respective consultants through the e-network.
- Video conferences, webinars and tele-pathology are conducted to promote e-learning.
- The Institutional repository of the central library is periodically upgraded.
- Excellent student’s achievement outcomes are proofs for utilization of blended learning.

### **2.3.7 What are the technologies and facilities such as virtual laboratories, e-learning and open educational resources used by the faculty for effective teaching?**

Majority of the staff is geared to use various e-learning and open educational resources which have been made available in the University for faculty and students for effective teaching-learning process.

- All the departments of constituent units are equipped with ICT enabled pre-clinical, para-clinical and clinical laboratory facilities which facilitate the faculty to render effective hands-on training to the students. The Wi-Fi facility in the campus and networking of departments facilitate effective use of technologies.





- Faculty members have acquired knowledge and exposure in the use of computers. About 80% of the faculty members have their own laptops. Nearly 85% of faculty use ICT based teaching (PPT, e-learning material).
- Strengthening of e-learning facility in central library, and e-learning modalities are done for better opportunities for staff & students. The advanced technologies like networking with other educational institutes / agencies have enhanced the learning culture in the students. EZ-PROXY Software in library enables the faculty to access information from libraries located elsewhere.
- Skill laboratories train the students for all surgical and other procedures with the help of mannequins and simulators.
- Availability of Tele Medicine and Tele-Pathology apart from regular technologies have facilitated video conferencing and webinars with experts across the globe.
- Virtual coaching for training in entrance examinations are available through PGMEE software.

**2.3.8. *Is there any designated group among the faculty to monitor the trends and issues regarding developments in Open Source Community and integrate its benefits in the institutions educational processes?***

**Yes.** The university has designated group of faculty to monitor the trends and issues in open source community and is under the direct supervision of librarian.

- The university has a Service Level Agreement (SLA) under National Mission of Education through information and communication Technology (NMEICT) project.
- Selected members of faculty from all programs are invited as resource persons to respective statutory body meetings for discussions on curriculum.
- Faculty members of different disciplines are also invited to record e-learning modules.
- Center for Social Medicine , Department of Community Medicine, Public Health Dentistry and Community Physiotherapy, , Community health Nursing, regularly monitor the trends and issues regarding developments in Open Source Community learning moduls.

**2.3.9. *What steps has the institution taken to transition from traditional classrooms into an e-learning environment?***

The university has adopted variety of media to facilitate e-learning which is a continuous evolving process. It has continued to equip with the ICT based devices to make learning a vibrant experience. The Learning resource material has been generated and validated for every classroom teaching in the university, ensuring maximum uniformity and standards of teaching process from chalk – talk to talk-learn ( interactive). Educational Units of the constituent college of the university had organized sensitization workshop on preparation of PPT and other e-teaching methodologies for the staff members. Faculty utilizes the facility available at MEU for Learning Resource Material (LRM) generation. Workshops on Evidence Based Practices and Research Methodology are conducted through which data analysis software training is extended to faculty and the students. Approximately 80-85 % of the faculty uses ICT enabled – teaching. Wi-Fi campus with broadband connectivity enables e-learning. Constituent Units and hospitals have digital library facility which is a rich source of e-learning. Elsevier provides



virtual e-learning modules used by teachers and students. HELINET provides free access to Ovid SP, Science Direct, Cochrane Database, etc.

- Further up-gradation of Tele-conferencing, webinar and e-library facilities has been initiated.

**2.3.10 Is there provision for the services of counselors / mentor / advisors for each class or group of students for academic, personal and psycho-social guidance? If yes, give details of the process and the number of students who have benefitted.**

**Yes.**

**Mentorship Program:**

To overcome the problems (Academic, Social & Psychological) faced by the students during their tenure in the institution, they need to vent themselves out with someone near and close to them.

PIMS-DU has a well established “Mentorship” program with senior faculty as mentors, duly oriented for the purpose and are allotted 10-15 students each for each phase. These faculties provide the students “Academic, Social & Psychological” support.

**Students’ Guidance and Counseling Cell:**

It is aimed at overall personality development of students with special focus on supporting slow learners and “Best Practice” of the institute. The unit consists of a group of advisory members from the teaching staff, clinical Psychologist, a counselor, Rectors with senior professor as a coordinator. It provides required and desired “Educational, Personal, Social Guidance and Emotional Support”.

**Wardens support** is one of the system through which student can approach to hostel wardens and Rectors 24x7 for their problems if any.

**Anti Ragging Committee** has been established as per the apical council norms to ensure safe environment for all students, as well as provide full support to the students. This ensures a ragging free campus with zero tolerance to ragging

The counselor and mentors address the students at the commencement of academic course during the orientation program. The Counselor assists the individual in understanding his/her potentialities and limitations, and utilizes them best in achieving the goals, on an average ninety-five(95) students take the benefit of counseling every year.

**2.3.11 Were any innovative teaching approaches / methods / practices adopted and implemented by the faculty during the last four years? If yes, did they improve learning? What were the methods used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?**

**Yes.** As a part of quality improvement and sustaining the learning & scientific temper of learners, it is vital to practice innovative methods in all educational activities including teaching – learning. This has initiated faculties to come-up with many innovative teaching approaches, which have made teaching interesting and learner-centric.

Some of the innovative teaching approaches are as follows-

- **Evidence based learning:** To Interdisciplinary integrated modular teaching.
- **Problem Based Learning (PBL):**



- Some of the departments (Surgery , Medicine) are using one - minute- preceptor-ship (OMP) , mini-Clinical evaluation exercise and SNAPPS as innovative teaching learning methods for postgraduates
- Objective structured Clinical & Practical examination (OSCE/OSPE) in formative assessment
- Specific Instructional Objectives for Theory and practical of Pharmacology are designed and used.
- Community Academic & Health Care Program (adoption of families by UG students) as teaching & learning tool.
- Use of clinical learning software and other self e-learning portal/ modalities.
- The innovations are duly and continuously rewarded and recognized.
- The university also considers for leave & financial support for pursuing advance training in Health Profession Education.
- Many faculties have been awarded for their innovative work in various national and international academic fora.
- Extending e-learning methodologies like PGMEE, simulations etc.
- Reflective Method and experiential learning in the clinical meetings in one minute preceptorship modes.
- **Blue book continuous evaluation:** This continuous evaluation is conducted on completion of a topic in each subjects. This helps to evaluate slow and advanced learners.
- **Project work:** Undergraduate students in groups and Interns singularly are conducting need based research.
- **Academic Appraisal Program (AAP):** Under this program pre-term marker points on topic content, delivery style, infrastructure assessment is done on mid-term and end-term for improving the quality of teaching & learning.

### *2.3.12 How does the institution create a culture of instilling and nurturing creativity and scientific temper among the learners?*

The University believes that learning and understanding can only be improved by questioning, observing, testing, hypothesizing and communicating, which are important components for creation and nurturing the scientific temper among the learners.

- The University encourages students for participating in scientific meetings, for paper/poster /table clinic presentations and manuscript writing for publications, by providing incentives and leaves.
  - The students organize a National Scientific Convention i.e. **“Inventum”** annually wherein student from various institutions are presenting the research papers and sharing the ideas. This activity is financially and administratively supported by the University.
  - Students are encouraged to participate in Clinico-Pathological Conferences (CPC), clinical meet, staff research society meeting to promote scientific temper and creativity.
  - Undergraduate and postgraduate students are encouraged for research and trained for grant writing ICMR under STS , in case ICMR do not fund, then university has provision to fund student’s research proposal so that they are not discouraged.
  - Encouraging participation of students in **Basic Research Methodology** workshops.
  - Inter-departmental meetings with PG students are held regularly.
- Bio-ethics Unit** conducts lectures for undergraduate student s during the entire course.



As a part of **nurturing creativity and scientific temper among the learners** following awards are instituted by the University to encourage young scientists:

- Best Ph. D Thesis Award.
- Best Post-Graduate Dissertation Award.
- Cash Award / Incentive for publication of monogram/Text Book / Reference Book.
- Best Scientist Award.
- Best Young Scientist Award.
- Opportunity for elective posting in foreign countries under MoU
- Inclusion of research project marks for internal assessment for undergraduates
- “Earn while Learn” Scheme is started for Para-health professional students.
- Inter-University student exchange program have been mutually beneficial in encouraging learning.

**2.3.13 Does the institution consider student projects mandatory in the learning program? If yes, for how many programs have they been (percentage of total) made mandatory?**

- *Number of projects executed within the institution.*
- *Names of external institutions for student project work*
- *Role of faculty in facilitating such projects.*

**Yes.** As the University aims at making education learner – centric, emphasis is on the students, and on increasing their potential to contribute to educational excellence.

As per apical council norms, it is mandatory for postgraduate degree and Ph.D students to conduct research study as thesis and present poster, paper and publish atleast one article during the course of study.

The University made mandatory of a research study for medical interns before completion and it is optional for undergraduate program, however they are encouraged to do a group research work during phase – II or III.

- Good number of research projects of postgraduate students are executed by the constituent units as a mandatory requirement.
- Some are in collaboration with external institutions like pharmacy, engineering, health science and foreign University
- Research studies/project are conducted by the undergraduate students and Interns in last 5 years.
- These projects are conducted under supervision of the faculty who guide them in topic/theme identification, literature search, research methods etc. continuously and also arrange thesis /project review so as to improve by combined wisdom.
- The topics selected are need based, regionally or nationally relevant which are useful for patients or community at large.
- The institutions have Memorandum of Understandings (MoUs) with several Institutions / organizations which resulted in necessary collaborations.

Students are exposed to software based data analysis which helps to undertake advance research projects.

There has been two fold increases in the number of projects by students and faculty members. This has resulted in improvement in the quality and quantity of publications.



2011-2016		RMC	RDC	COPT	CON	CBT	CSM	Total PIMS
Number of projects by Ph.D	C	Nil	Nil	Nil	1	1	01	03
	O	-			15	0	03	18
Number of projects by PG	C	266	156	48	28	15	07	520
	O	167	36	15	20	-	07	245
Number of projects by UG & Interns	C	STS-40	7	46	40	00	03	136
	O	-	-	33	06	-	-	039
Total	C	<b>306</b>	<b>163</b>	<b>94</b>	<b>69</b>	<b>16</b>	<b>11</b>	<b>659</b>
	O	<b>167</b>	<b>36</b>	<b>48</b>	<b>36</b>	<b>00</b>	<b>10</b>	<b>297</b>

**2.3.14 Does the institution have a well qualified pool of human resource to meet the requirements of the curriculum? If there is a shortfall, how is it supplemented?**

**Yes.** University has over a period of time developed well – qualified pool of human resource. The health profession education units of the constituent units train and fulfill the human resource to meet the requirement of the curriculum on continuous basis. Review is done annually for Human Resource requirement.

Faculty has undergone basic and advance training program. The education units of the constituent units regularly conduct training programs for newly appointed faculty. For advance training, faculty is deputed at various regional centers for updating the knowledge and skills in Teaching-learning and evaluation technologies. PIMS-DU has appointed Visiting faculty, Adjunct faculty and Emeritus Professors for enhancing quality of education imparted to the students.

**2.3.15 How are the faculty enabled to prepare computer – aided teaching / learning materials? What are the facilities available in the institution for such efforts?**

The University has established an educational media center for enabling faculty to learn and prepare Learning Resource Material (LRM) by use of ICT.

- Institutions have digital library sections with internet facility which is utilized by faculty for research and teaching & learning.
- Each department is provided with computer with internet facilities and WiFi to prepare LRM. The support is provided by educational media center if needed. Faculty have their laptop. Class rooms are equipped with LCDs.
- PIMS-DU has organized workshops on skills in computer operation for faculty. 100% faculties working in the University have acquired knowledge and exposure in the use of computers.
- The skill laboratories and simulators are available for enhancing the teaching abilities. Nearly 80-90 % of faculty use computer aided teaching, which indicates changing trend in ICT enabled teaching.





**2.3.16 Does the institution have a mechanism for the evaluation of teachers by the students / alumni? If yes, how is the evaluation feedback used to improve the quality of the teaching –learning process?**

**Yes.** PIMS-DU has online credible, well structured feedback /evaluation system of faculties by the students to foster teacher's quality and promote professional development. (once in 6 months) Feedback is also collected informally.

Student Feedback on subject/course; on teachers; on infrastructure and LR.

- Exit response from graduating students and Alumni feedback
- These feedback data are analyzed independently by the Department of Information Technology and Coordinator and a report is generated for further utilization.
- Based on such feedbacks received, timely initiatives are undertaken towards further corrections and strengthening of teaching – learning process.
- Faculties who have been highly appreciated by the students through the feedbacks are felicitated and certificate of appreciation along with cash prize is given annually.
- The student rating of teachers is used as one of the parameters for selection of **Best Teacher and Best Department award**. Interventions are designed for faculty who are rated poorly by the students.
- The feedbacks obtained from students have helped in improving the infrastructure like, provision of A-V aids.
- Competency Enhancement programmes leading Faculty for capacity building have been conducted under MEU to facilitate teachers Counseling & Training, enhancing the quality of teachers. Individual teachers apply the “input-throughput (process) -output” model to systematize their teaching techniques. Feedback analysis has helped in adopting innovative pedagogy and relevant methods by staff

**2.3.17 Does the institution use telemedicine facilities for teaching – learning processes If yes, cite a few instances.**

**Yes.** A virtual on-line communication (visual & written) from patient in the remote rural areas to Pravara Rural Hospital is carried out through tele-health project. Exchange of information, medical records and education is also an integral part of the project. The Tele-Medicine Project has components like Net Consultation, Second opinion, Net Diagnostic (Remote Diagnosis).

- In addition, Online Medical / Para-medical Training (CME, Videoconferencing etc.) further aids towards accomplishing all the tenets of a Tele-Health Project.
- This institution has established learner centric and community need based Tele-health centers.
- **Hello Doctor Program** is conducted once a week on a specified day and time to answer the queries of the patients in remote places by the consultant & students are also involved in this process.
- The institution has CCTV connectivity with major operation theatres for surgical education and live demonstration of surgical procedures.
- PACS system is also used for teaching and learning.
- Facility for teleconferencing is used for national /international conferences/ seminars and live operative workshops that have facilitated global correspondences.



**2.3.18 Does the institution utilize any of the following innovations in its teaching-learning processes?**

PIMS-DU has been giving importance to innovations in teaching –learning processes, which have made learning effective and enjoyable. It helped students to develop deeper learning competencies. Innovative strategies are as follows:

- **ICT enabled flexible teaching system:** Abundant number of computers with access to internet, online journals, books, CDs, composite online modules, clinical learning software's, LRM etc. are available at digital library and students computer –Kiosks. All the students can easily access them with flexibly as per their choices both in terms of content and time towards self-directed learning experiences.
- **Reflective learning** module of experiential learning is incorporated in the morning clinical meets of the clinical departments and is carried out in one minute preceptor ship mode. Every course conducted by the University has a component of experiential learning for the personal learning abilities of the students.
- **Teaching on simulators** in medicine, dentistry, physiotherapy and nursing has enhanced the skill of students to a great extent. ALS, BLS, PALS and HBB skills, as well as ICU management techniques are taught on mannequins. The central library has animal simulator package which can be accessed through internet through URL <https://www.animalsimulator.com>. Well-equipped pre-clinical and skill-based training at various set-ups train the students and make them more confident, before they reach the clinics, so as to aid in patient management.
- **Evidence based medicine:** The sessions on evidence based medicine are incorporated during the clinical case discussions on established clinical practices during bed side clinics for Undergraduate but more importantly for the postgraduate teaching- training sessions, especially during Journal clubs. PG students are sensitized to EBM during PG orientation program which is conducted every year for fresh batch of PG students
- Emphasis is laid on **development of required skills**, adequate knowledge dissemination and appropriate attitude development through skill labs, hand-on training in Operation Theater, wards, diagnostic labs etc. in all the disciplines.
- Learning is made more **active and self directed** by giving the students newer and challenging topics for seminars and article presentations.
- **Problem based learning:** based on the inputs of PIMS – DU and of other universities, all the faculty members facilitate PBL. The department of Bio statistics and Medical Informatics provides all necessary data's.
- **Student – assisted teaching** is done through small group activity, seminars, journal clubs, tutorials, etc.
- The e-learning also provides the choice of **interactive** tutorial module. They can also take self assessment test available on the e-learning module. The central library has an audio-visual section archiving CDs and cassettes on various topics. Many departments maintain a set of CDs and DVDs related to their specialty.



- **Self directed learning and skill development:** preparation of case scenario, reports, assignments, practicing to enhance skill development at OPD, IPD, OT, skill lab, CCL, BB, PHC's. writing reviews articles, papers on wall magazines.
- **Narrative based medicine** is learning through near realistic story telling which allows students minds to think outside the box of their own experiences and to develop creative ways to solve the problems (critical thinking). It consists of concept clarification and better understanding of the subject. Generally some of the teacher shares their own previous experience during lecture or case discussions.
- **Medical Humanities:** We teach the importance of humanities in medical treatment through subjects like ethics, psychology, management and administration.
- **Integrated teaching program:** This integrated module covers important interdisciplinary topics and lecture cum discussion sessions are arranged for undergraduate and postgraduate students. This activity has been incorporated in timetable also.
- **Drugs and poison information assistance centre** has been established under the leadership of dept. of Pharmacology at Pravara Rural Hospital for dissemination of information on animal poison, plant poisons , common poisonous drugs etc. with freshly prepared standards / purified components. The hospital has facilities to deal with all kind of poisonous cases seeking treatment.
- **Pharmacokinetics and pharmaco-vigilance** Cell provides information and monitors Adverse Drug Reactions (ADRs), conducts prescription audit and helps in regulating the effective use of antibiotics in the hospital.
- Ayurved and naturopathy - NA
- National Yoga Day is celebrated with a month long yoga training programs arranged by an expert in the field. Daily session on yoga, meditation are held.
- Bio-ethics in research is an integral part of teaching for undergraduate and postgraduate students and research scholars of all disciplines of the University.

**2.3.19 Does the institution have an Electronic Medical Records facility, staffed by trained and qualified personnel? Is it used for teaching-learning process?**

**Yes.** The department of Biostatistics and Health Informatics has initiated for moving onto the electronic platform of storing patient medical records has helped in accurate, reliable and economic management of data.

The PIMS-DU's PR Hospital has partly electronic medical record facility (Hospital Information System Software) which is manned by qualified personnel. Medical Records are maintained as per International Coding for Diseases (ICD-10). The Department keeps complete updated records of both inpatient and outpatients. Trained employees are handling the recording of the documents. The records are used for teaching-learning process like conduction of small research projects, thesis writing, case discussion and practical examinations.

The dental, physiotherapy and nursing personnel of the hospital also keep well-documented records of all OPD and IPD patients, also medico-legal cases. Central laboratory is completely computerized.

The medical records are preserved by the institution for such periods as are prescribed by the governing rules notified by the competent authority from time to time and kept in safe custody. The data is captured through a software i.e. FOCUZ for EMR at OPD.



**2.3.20. Does the institution have well documented procedures for case sheet writing, obtaining informed consent and the discharge process of the patients?**

**Yes.** Systematized patient documentation has been the strength of hospital. Well-designed and validated formats for case sheet writing are available for every department, which is written at the time of admission and clinical notes are added during the course of hospital stay of patient. An informed verbal and written consent as well as high risk consent in vernacular language prior to therapeutic and diagnostic procedures is a standard method followed at Pravara rural hospital. A well laid down discharge process of patient is in place. Patients are provided discharge summary with treatment details and follow-up plans which is well explained to patients and their relatives.

**2.3.21 Does the institution produce videos of clinical cases and use them for teaching-learning processes?**

**Yes.** The institution produces videos of relevant & interesting clinical cases, newer diagnostic procedures and important operative procedures. These video CDs on various types of diseases and rare clinical cases are made available in department, digital library and Medical Education Unit for an easy access to students and staff. This has helped in effective teaching-learning process and in developing an integrated approach to acquire information about new methods, investigations and interventions. The facility of video graphing has provided an outstanding source of learning and reference to the students, and has greatly increased their knowledge and self-confidence while dealing with patients.

**2.3.22 Does the institution perform medico legal / post-mortem procedures with a view to train the undergraduate and post-graduate students in medico legal procedures?**

**Yes.** PIMS – DU a deemed university among self financing category is the only private medical college in Maharashtra among colleges which is permitted to carry out medical legal autopsies. Hence our students gain both theoretical and practical experience in autopsies from Department of Forensic Medicine. The post-mortem examination has been integral part of curriculum for the students of medicine and has been an excellent teaching resource for the students. The post-mortem room is located next to the mortuary with cold storage facilities, which has well documented Standard Operative Procedures (SOPs).

UGs witness the autopsies, while the PGs conduct them under the guidance of senior faculty members. 1551 post-mortems were performed in last five years.

Year	2011	2012	2013	2014	2015
Total	261	343	309	320	318

It has promoted problem-solving skills essential to medical practice and allowed three dimensional revision of anatomy in a more clinical context, and descriptions of pathology into a clinical context. Student also learn to write medico-legal reports like injury reports, drowning case etc and relate to the importance of accurate reports judgment during their visit the session courts.



**2.3.23 Does the institution have drug and poison information and poison detection centres?  
How are these used to train the students?**

**Yes. Drugs and poison information assistance centre** has been established under the leadership of dept. of Pharmacology at Pravara Rural Hospital for dissemination of information on animal poison, plant poisons, common poisonous drugs etc. with freshly prepared standards / purified components. The hospital has facilities to deal with all kind of poisonous cases seeking treatment.

The teaching hospital also has Drug and Poison Detection facilities. The qualitative analysis of common poisons by thin layer chromatography, colour tests and basic methods of extracting the poisons from the body fluids. The students are taught various aspects of drug and poison analysis and first-aid management of victims of poisoning.

Teaching hospital treats good number of cases of poisoning every year.

**2.3.24 Does the institution have a Pharmacovigilance / Toxicology centre / clinical pharmacy facility / drug information centre / Centre for disease surveillance and control/ Prevention through Yoga / Promotion of positive health/Well- equipped Psychology Laboratory/ Naturopathic diagnostic centre, etc.?**

**Yes.** The University has Pharmacovigilance cell, Pharmacy facility, Drug & poison Information Center, Fitness Center for promotion of positive health, Well- equipped Psychology Laboratory, and facilities for reporting of diseases under Integrated Diseases Surveillance Program.

- The institution has Pharmacovigilance Cell wherein ADR, Prescription audit, rationale use of antibiotics through antibiotic policy are monitored. The hospital also have a drug review committee which reviews right from the drugs procurement including generic medicine, drug storage, working of pharmacy, utilization etc. periodically.
- To provide clinical pharmacy service, the hospital has 5 **pharmacy shops** (Medical store – Janaushadi) apart from the main drug store including Generic medicine shop and floor pharmacy and two of them runs 24x7. This pharmacy facility is manned by trained personnel.
- **Drugs and poison information assistance centre** has been established under the leadership of dept. of Pharmacology at Pravara Rural Hospital for dissemination of information on animal poison, plant poisons, common poisonous drugs etc. with freshly prepared standards / purified components. The hospital has facilities to deal with all kind of poisonous cases seeking treatment.
- **Fitness and positive health:** All the hostels are provided with multigym and fitness equipments for the benefit of students. Indoor and outdoor sports facilities and their training conduct annual day competitions – PADMANJALI helps in physical fitness strategies and positive health. Regular yoga and meditation sessions, aerobics training sessions
- Apart from the **clinical psychology laboratory** which is an integral part of Department of Psychiatry, a student guidance and counseling cell is also available for the student to seek the help of the psychology counselor. All kind of screening and diagnostic assessment tools are available at this laboratory.





- It is mandatory for the hospital to report various notifiable diseases under **Integrated Diseases Surveillance Program**. Medical Superintendent ensures the reporting of the same on monthly basis to Govt. health officials in pre-designed formats.
- Departments of community health department in Medicine , Dentistry, Physiotherapy , Nursing and Center for Social medicine regularly conducts survey and analyze the diseases in order to take appropriate measures to provide preventive , promotive, curative and rehabilitative services to the masses.
- PIMS-DU has started '**Value Education**' as a part of value addition teaching for 20 hours for undergraduates. Bio-ethics (30 hours) has also been added for UG & PG students of all disciplines. It also organizes physical and spiritual speeches and workshops for positive health for the benefit of students, teaching and non-teaching staff.

Further strengthening of integrated /complementary/alternative medicine practices are done through Family Medicine clinic in the hospital.

### **2.3.25 Laboratories / Diagnostics**

*How is the student`s learning process in the laboratories / diagnostics monitored?  
Provide the laboratory time table (for the different courses).  
Student staff ratio in the laboratories/ diagnostics.*

The University emphasis the skill and competency base teaching and learning. The laboratories are the places of learning by doing and mastering the skills.

The Medicine discipline have well-equipped pre-clinical, para-clinical and clinical bedside laboratories in each ward along with Central Clinical Lab, Central Research Lab and departmental research labs which are monitored by faculty. The RDC is well equipped to provide OPD, UG and PG clinical facilities, research lab facilities leading to diagnostic and therapeutic practices. Physiotherapy department is also equipped with 8 general and 5 specialty labs with latest equipments and SOP's. Nursing college has well equipped laboratories (5) such as fundamentals of nursing lab, maternal and child health lab, community health nursing lab, nutrition lab as per the statutory body norms (INC) to provide practical training. Biotechnology – has state of art labs of molecular biology, genetics, tissue culture, and microbiology

Center for social Medicine has its practicing laboratory in the community for mastering the skills in understating the societal and family dynamics through standardized tools for providing comprehensive health care.

Undergraduate and postgraduate students are posted to the above said laboratories and clinics as per the time table wherein their work is supervised by the faculty through log books, practical records, journals, etc.

The students are exposed to hands-on experience on Phantom heads/mannequins which provides them training in basic sciences, pre-/ para-clinical laboratories, and equip them with the skills of anatomy, physiology, pathology, toxicology, jurisprudence, community medicine. Student-staff ratio in the laboratories and clinics for undergraduates varies from 15:1 to 3:1 and for postgraduates it is 1:1. (Nursing – UG: 10:1 and PG: 5:1)

The University also has Communication, phonetics & language laboratory and well equipped Clinical Skill Laboratory. The students posted in batch from all the disciplines.

The Research Cell of the University conducts basic research Methodology programs for faculty and students.



**2.3.26** *How many procedures / clinical cases / surgeries are observed, assisted, performed with assistance and carried out independently by students in order to fulfill learning objectives?*

The procedures/clinical cases/surgeries that are observed, assisted, performed with assistance and carried out independently by students are as per the requirement of regulatory bodies for undergraduates and postgraduates to fulfill learning objectives.

On an average UG student, during their clinical posting, study 70% of the patients attending OPD, and all interesting cases of those admitted to wards. They observe 60-70% of the operations/ procedures/ clinical cases during their clinical postings .

PG's assist for all major operations/ procedures and perform 70-75% minor operations / procedures under guidance. The senior PG's perform about 20-25% major operations / procedures under the close guidance. The interns also assist major operations/ procedures, and perform about minor operations under close guidance.

All programs have well-designed log books/work diaries for undergraduate and postgraduate students in which they maintain records of number of procedures/clinical cases/surgeries they have observed, assisted, performed with assistance and carried out independently, which is then verified by the staff member.

Faculty members of the respective specialty teach the students various procedures, case studies, case discussions and case presentations in the wards/ clinics/ laboratories. The students are encouraged to present rare cases, surgeries and procedures at various scientific fora.

**2.3.27** *Does the institution provide patients with information on complementary and alternative systems of Medicine?*

**Yes.** The teaching hospitals of the University provide patients with information on complementary and alternative systems of medicine. The Family Medicine Clinic is established and run by a qualified and experienced doctor who provides information regarding the availability of alternative and complementary medicine. Physiotherapy is the part and parcel of university and provides wide range of services to the patients. The University has adopted nine Health Centers, wherein the doctors from alternative systems of medicine are also appointed to promote and practice.

**2.3.28** *What are the methods used to promote teaching-learning process in the clinical setting?*

The well-equipped teaching hospitals, Peripheral Health Centers and Laboratories provide good clinical setup to promote effective learning. The objective of promoting teaching-learning process in the clinical setting is attained by following procedures.

- OPD Teaching ; Bedside Teaching/Chair-side teaching; Teaching at Operation theaters and Labour theaters; Ward-side laboratories.
- Casualty /Emergency postings
- Grand rounds, Inter-departmental presentations, clinico-pathological meets are conducted.
- Clinical skills laboratories also ensure skill development for the students through regular teaching and training workshops.



- ICT enabled practical skill demonstration through direct video telecast of operation theatre procedures to classrooms.
- Hands-on training on simulators in pre-clinical and clinical laboratories.
- Drug studies, ADR's, Medico-Legal Cases are dealt with separately.
- Maintenance of log books regarding clinical work by the students which is monitored by the staff.
- OSCE/ OSPE methods of evaluation are practiced

It has enhanced clinical competence and performance of students for effective continuing professional development. It facilitated development of the knowledge and skills required to practice evidence based education and implement a sound educational research protocol.

### **2.3.29 Do students maintain log books of their teaching-learning activities?**

**Yes.** All departments maintain well-designed log books covering teaching-learning activities. It has helped to assess small group learning and encourage immediate and ongoing interaction between tutors and students. It has also provided a feedback loop for the evaluation of learning activities.

All undergraduates, interns, postgraduates, diploma, post-doctoral degree students maintain log books which are verified and monitored by respective faculty. The log book includes the details like, type of posting, duration of posting, types of cases/ procedures/ surgeries observed, evaluated and treated independently or with assistance, etc.

### **2.3.30 Is there a structured mechanism for post graduate teaching-learning process?**

**Yes.** Academic Calendar of Events formulated at the beginning of every academic session which acts as a guide for structured postgraduate teaching-learning process.

The teaching-learning process of postgraduates is according to the syllabus prescribed by the regulatory bodies and the University. The teaching process is divided into modules which the postgraduate student has to abide by.

All postgraduates give examinations at the end of every academic year at institutional level as formative assessment and summative University exam at the end of course.

The clinical rotation plan, master rotation plan, teaching plan, course / unit plan depict the structured mechanism of postgraduate teaching-learning process.

Departments regularly conduct OPD, IPD, OT, Labour etc. and also to carryout Seminars, Journal Clubs, Case Presentations, attendance at Continuing Education Program, inter-departmental activities etc. Students are posted to various higher centers to enhance their knowledge and skills. The log books are maintained by postgraduates for continuous monitoring and assessment. Teaching-learning process of Medical postgraduate courses also includes compulsory PPP module i.e. participation in conference & presentation of paper or poster and publication of research articles as an eligibility to appear in examinations. Mandatory submission of the dissertation/ thesis six month prior to the University Examination is a pre-requisite to be eligible for examination as per apical councils.

### **2.3.31 Provide the following details about each of the teaching Programs:**

#### **Complete time table:**

Academic Time-Table is prepared at the beginning of the term as per the Guidelines of the apical councils.



**Number of didactic lectures:** As per the guidelines of Apical Council, one third is Didactic lectures of total teaching hours. Subject wise number of teaching hours is as follows:

Rural Medical College			
Subject	Hours	Subject	Hours
Anatomy	650	Orthopedics	100
Physiology	480	General Medicine	300
Biochemistry	240	Pediatrics	100
Community Medicine (all phases-I,II,III)	60+200+50	T.B. & chest	20
Pathology	300	Psychiatry	20
Microbiology	250	Skin & STD	30
Pharmacology	300	Anesthesiology	20
Forensic Medicine	100	Obs/Gyn	300
General Surgery	300	Radio-diagnosis + Radiotherapy	20
Ophthalmology	100	Dentistry	10
ENT	70		

Rural Dental College			
Subject	Hours	Subject	Hours
Gen. Anatomy	275	Ortho Dontics	250
Physiology	180	Periodontics	280
Biochemistry	130	Oral Surgery	430
Dental Materials	320	Conservative Dentistry	795
Dental Anatomy Histology	355	Prosthodontics & crown bridge	895
Microbiology	115	Public Health Dentistry	350
Pharmacology	90	General Surgery	150
General Pathology	110	Oral Pathology	275
General Medicine	150	OMDR	265
Pediatric and Preventive dentistry	265		
College of Physiotherapy			
Subject	Hours	Subject	Hours
Human Anatomy	100	Medicine	50
Human Physiology	100	Surgery	50
Human Biomechanics	100	Orthopedic physiotherapy	100
Human Physiology	100	Neuro physiotherapy	100
Human Pathology	100	Cardiothoracic physiotherapy	100
Human Pharmacology	100	Community Physiotherapy	100
Electrotherapy	100	General Physiotherapy	100
Exercise Therapy	100	Rehabilitation and Research	50

College of Nursing (B.Sc )			
Subject	Hours	Subject	Hours
Anatomy	60	Community Health Nursing -I	90 + (135 P)
Physiology	60	Communication and Education Technology	60 +30
Nutrition	60	Medical-Surgical Nursing -II	125 + (270 P)
Biochemistry	30	Child Health Nursing	90 + (270 P)
Microbiology	60	Mental Health Nursing	100 + (270 P)
Psychology	60	Midwifery and Obstetrical Nursing	90 + (180 P)
Nursing Foundations	265+	Midwifery and Obstetrical	(180 P)



	200 + (450 P)	Nursing	
Sociology	60	Community Health Nursing –II	90 + (135 P)
Medical- Surgical Nursing - I	210 + (720 P)	Nursing Research and statistics	45
Pharmacology	45	Management of Nursing Services & Education	60+30
Pathology and Genetics	30 + 15		
<b>College of Nursing (P.B.B.Sc )</b>			
<b>Subject</b>	<b>Hours</b>	<b>Subject</b>	<b>Hours</b>
Nursing Foundation	45	Community Health Nursing	60 + (240 P)
Nutrition & Dietetics	30 + (15 p)	Mental Health Nursing	60 + (240 P)
Biochemistry & Biophysics	60	Introduction to Nursing Education	60 + (75 P)
Psychology	60 + (15 p)	Introduction to Nursing Administration	60 + (180 P)
Microbiology	60 + (30 p)	Introduction to Nursing Research & Statistics	45 + (120 P)
Maternal Nursing	60 + (240 p)	Medical & Surgical Nursing	90 + (270 p)
Child Health Nursing	60 + (240 p)	Sociology	60

**Number of students in each class:**

Number of the student for regular batch for didactic lectures, Clinical posting, Tutorial and Lecture-demonstration classes / Practical are as follows:

Name of the constituent Unit	Didactic lectures	Clinical posting	Tutorial	Lecture-demonstration
Rural Medical College	125	25 to 30	25 to 30	25 to 30
Rural Dental College	100	6 to 9	25 to 28	25 to 28
APJ College of Physiotherapy	60	170	60	60
College of Nursing	(B.Sc.) 30 + (P.B.B.Sc.) 25	30 + 25	8 + 5	30 + 25

**Number of rotations:**

Number of rotations in Clinical posting for undergraduate are as per the recommendations of the Apical Councils Schedule is as follows:

<b>Rural Medical College</b>					
Subject		Weeks	Subject		Weeks
1	General Medicine	26	9	Dentistry	02
2	Pediatrics	10	10	Total	142
3	TB & chest	02	11	Orthopedics	10
4	Skin & STD	06	12	Ophthalmology	10
5	Psychiatry	02	13	ENT	08
6	Radio-diagnosis & radiotherapy	02	14	Obs/Gyn	24
7	General Surgery	26	15	Community Medicine	12
8	Casualty	02			

<b>Rural Dental College</b>					
Subject		Weeks	Subject		Weeks
1	Public Health Dentistry	12	6	Oral Medicine	8
2	Prosthodontics	20	7	Gen Medicine	4
3	Conservative Dentistry and Endotics	20	8	General Surgery	4
4	Oral Surgery	14	9	Orthodontics	8
5	Periodontics	8	10	Pediatric Dentistry	8





College of Physiotherapy					
Subject		Weeks	Subject		Weeks
1	Orthopedic physiotherapy (For II, III, IV Batch)	4+4+4	4	Community Physiotherapy (For II, III, IV Batch)	4+4+4
2	Neuro physiotherapy (For II, III, IV Batch)	4+4+4	5	Pediatric Physiotherapy (For II, III, IV Batch)	4+4+4
3	Cardio-respiratory physiotherapy (For II, III, IV Batch)	4+4+4	6	Orthotic & Prosthesis (For III, IV Batch)	4+4

College of Nursing (B.Sc.)					
Subject		Weeks	Subject		Weeks
1	Nursing Foundations	12	5	Midwifery and Obstetrical Nursing	10
2	Medical- Surgical Nursing - I	22	6	Community Health Nursing – II	5
3	Community Health Nursing -I	4	7	Child Health Nursing	8
4	Medical-Surgical Nursing -II	8	8	Mental Health Nursing	7

College of Nursing (P.B. B.Sc.)					
Subject		Weeks	Subject		Weeks
1	Maternal Nursing	7	1	Community Health Nursing	7
2	Child Health Nursing	7	2	Mental Health Nursing	7
3	Medical & Surgical Nursing	8	3	Introduction to Nursing Education	3
4	Introduction to Nursing Administration	6	4	Introduction to Nursing Research & Statistics	4

**Internship Rotations are also** as per the recommendations of the Apical Councils .  
Posting schedule is as follows:

Rural Medical College					
Subject		Months	Subject		Months
1	Community Medicine	02	6	Medicine including Psychiatry	02 (15 days Psychiatry)
2	Surgery including anesthesia	02 (15 days anesthesia)	7	Obs/Gyn Including family welfare	02
3	Ophthalmology	15 days	8	Pediatrics	01
4	ENT	15 days	9	Casualty	15 days
5	Orthopedics	01	10	Elective Posting - any one (skin & STD, TB & Chest, Radio-diagnosis, Forensic Medicine, Blood bank)	15 days

Rural Dental College					
Subject		Months	Subject		Months
1	Oral Medicine, Radiology	1 month	6	Conservative & Endo	1 month
2	Oral Surgery	1 ½ Month	7	Pedodontics	1 month
3	Prosthodontics	1 ½ Month	8	Oral Pathology	½ month
4	Periodontics	1 month	9	Ortho	1 month
5	Elective	½ Month	10	Public Health	3 months



College of Physiotherapy			
Subject	Months	Subject	Months
Ortho Physiotherapy	6	Community Physiotherapy	6
Neuro Physiotherapy	6	Cardioresp. Physiotherapy	6

College of Nursing			
Subject	Months	Subject	Months
Midwifery and Obstetrical Nursing	5	Child Health Nursing	3
Community Health Nursing-II	4	Mental Health Nursing	2
Medical Surgical Nursing	9	Research Project	1

**Details of student case study:** A wide variety of cases are selected and allotted to a group of students, who “evaluate, examine, discuss and report” to the faculty in terms of “history taking, general and systemic examination, diagnostic investigations” to be carried out, “diagnosis including differential diagnosis and appropriate therapeutic management, prevention and control measures”. The case sheets are maintained in the form of logbook by the students for each department separately.

**Corrected case sheet:** The case sheets of the students are corrected by the faculty who conducts clinic on a specified day, date and time. Case Sheets thus corrected are shown to the students for further improvement in their knowledge.

**Periodic assessment of clinical acumen: frequency, modalities, and review:** The periodic assessment of “clinical acumen, frequency, modalities” is reviewed at the end of the each clinical posting as per the clinical posting schedule and ward leaving test are conducted at the end of each postings.

**Nursing Care Conference:** The institute conducts regular bedside nursing care conferences along with other healthcare personnel.

**Number of medical/ dental procedures that the students get to see:** The students get sufficient opportunity to observe medical procedures necessary for them to gain the essential and desired skills as per their courses. The numbers of such procedures are duly entered in their log books /Journals and verified by the supervisors /teachers. This adequate and variety of medical procedures and “hands on skills” orientation that the students get to see and learn, are as a result of “Wide, Varied and Abundant” clinical material available in the teaching hospitals.

#### Pravara Rural Hospital (Medical)

S.No.	Year	Total No. of OPD procedures	Monthly average	Weekly average
1	2011-12	31215	2601	600
2	2012-13	35065	2922	674
3	2013-14	34690	2891	667
4	2014-15	34315	2860	660
5	2015-16	37819	3439	788



**Dental Procedures –**

S.No.	Year	Total No. of OPD procedures	Monthly average	Weekly average
1	2011-12	389983	32499	7500
2	2012-13	402446	33537	7739
3	2013-14	450856	37571	8670
4	2014-15	481384	40115	9257

**Physiotherapy Procedures:**

S.No.	Year	Total No. of OPD procedures	Monthly average	Weekly average
1	2011-12	16095	1580	365
2	2012-13	12577	1455	336
3	2013-14	10365	1065	233
4	2014-15	10428	1033	239
5	2015-16	10224	1029	238

**Details of the labor theatre, operating rooms, treatment rooms in medicine, post-operative and post-natal care facilities**

The hospital has well equipped modern labor rooms with an average of 25-35 deliveries per day with post natal ward having facilities of new born care & well equipped NICU and PICU.

Some of the procedures carried out are as follows:

Labour room – Conduction of normal and abnormal deliveries, Episiotomy, MRP, amino infusion and Resuscitation of new born Operations –LSCS, Hystero-Salpingo-Graphy (HSG), Hysterectomy, Laparoscopic surgeries.

**Total Operation Theaters Suits**–18, with pre & Post operative Recovery room and Surgical ICU with 11 beds having facilities like Multi Para monitors, Pulse Oxymeter, Ventilators, Defibrillators, etc. Eight OTs are modular with state-of-Art facilities. There are two emergency OTs , one of them is in casualty.

Minor OTs is available in all surgical branches in OPDs & casualty. There is one treatment & procedure rooms each ward (33).

Various procedures like lumbar puncture, ascitic fluid tapping, pleural tapping, bone marrow aspiration, vene-sections and biopsies are done for the benefit of the patients and students.

**Mannequins/ Simulation skills laboratory for student teaching:** A Central Clinical skill lab with mannequins’ for life saving skills is available. In addition specific mannequins are also available at other sites such as Conservative dentistry, Pedodontics, Prosthodontics and Orthodontics and Nursing College, imparting self learning skill building opportunities to every student through supervised and Independent learning.

Following facilities are available for student teaching and learning

**Number of students inside the theatres at a given time:**

A total of 5-6 students from senior batches directly observe surgeries inside the Operation Theater and rest are provided with Closed Circuit Television (CCTV) with “two way communication” facility to observe and interact with the operating surgeon. All the main operation theaters are equipped with CCTV with two-way channel to select the desired and need based operation for training and teaching of the students, which are connected to suitable teaching areas.



**Average number of procedures in the OTs per year, month and week:**

S.No.	Year	Total No. of Major operations	Total No. of minor operations	Monthly average Major	Monthly average Minor	Weekly average Major	Weekly average Minor
1	2011-12	6625	2071	552	173	127	40
2	2012-13	8054	1880	671	157	155	36
3	2013-14	6950	1550	579	129	134	30
4	2014-15	8747	2083	729	174	168	40
5	2015-16	9412	2197	856	199	197	46

**Autopsy / Post- mortem facility:**

Details are given at 2.3.22

**Details of Postgraduate Grand Round:**

Apart from daily, “Unit wise rounds”, Postgraduate “Grand rounds” are conducted once a week separately by each clinical department. All the cases and ward practices are discussed with all the Post Graduate students, junior and senior faculty. The same is being entered in a Log-Book which is reviewed and signed periodically by the Unit in-charge / guide/ head of the department.

**Sub-specialty training facilities for UGs and also PGs:**

Such facilities are available on both outdoor and indoor basis. Both Undergraduate and postgraduate students are appropriately exposed to such sub specialty training during their clinical rotations. During Undergraduate training the students are supervised to experience such learning’s.

**Special clinics and their details:**

The Students are exposed to such clinics and postgraduate students participate very actively. Such clinics run by different colleges are as per information given in departmental profile as well at 4.2 of Criterion IV of SSR

**Medical: List of Subject Wise Speciality Clinics**

Department - Speciality Clinics	Department - Speciality Clinics
<b>Medicine</b> 1. Diabetes 2. Gastroenterology 3. Nephrology & Haematology 4. Neurology 5. Endocrinology 6. Cardiology	<b>Paediatrics</b> 1. High risk clinic 2. Adolescent clinic 3. Sick Cell Clinic 4. Child Guidance 5. Malnutrition Clinic 6. Asthma Clinic, 7. Diarrhea clinic
<b>Dermatology</b> 1. Psoriasis Clinic 2. Contact Dermatitis Clinic 3. Pigmentary (Vitiligo) Clinic	<b>ENT</b> 1. Tumor Clinic 2. Vertigo Clinic 3. Rhinology Clinic
<b>Psychiatry</b> 1. Deaddiction Clinic 2. Child-Guidance Clinic 3. Epilepsy Clinic 4. Dementia Clinic	<b>Obst. &amp; Gyne.</b> 1. Cancer Clinic 2. Menopause Clinic 3. Infertility Clinic 4. Family Planning Clinic
<b>Ophthalmology</b> 1. Retina 2. Squint 3. Glaucoma 4. Ophthalmoplasty 5. Neuro-ophthalmology	<b>Surgery</b> 1. Breast Clinic 2. Plastic & Cosmetic Surgery 3. Urology 4. Pediatric Surgery 5. Oncosurgery



<b>Anaesthesia</b> 1. Pain Clinic, 2. Painless Labour Clinic		<b>Pulmonary Medicine</b> 1. COPD, 2. Br. Asthma	
<b>Orthopaedics</b> 1. Limb Deformity Clinic 2. Knee & Hip Arthritis Clinic 3. Spine Clinic 4. Sport Injury & Arthroscopy Clinic		<b>Anatomy</b> -Cytogenetic Laboratory	
		<b>Pathology</b> 1.Immuno-Histochemistry, 2.Sickle Cell	
		<b>Physiology</b> - 1.Seman Analysis, 2. Neurophysiology	
<b>Dental</b>		<b>Physiotherapy</b>	
<b>Department</b>	<b>Specialty Clinics</b>	<b>Department</b>	<b>Specialty Clinics</b>
Oral Surgery	Implantology	Cardio-respiratory Physiotherapy	Obesity Clinic
Periodontics	Lasar Clinic	Ortho Physiotherapy	Backpain Clinic
Prosthodontics	Implantology / FMR		
Conservative Dentistry	Microscopic Endodontic		

College of nursing faculty and students actively participates in the specialty clinics conducted by various departments.

## 2.4 Teacher Quality

### 2.4.1. How does the institution plan and facilitate its faculty to meet the changing requirements of the curriculum?

The constituent college of the University has established an education unit for continuous updation of faculty's knowledge and skills to meet the changing requirements of the curriculum. Periodic curricular update is done by the respective departmental faculty in all disciplines, which is approved, after the verification of its feasibility and acceptability by Board of Studies and Academic Council of the University. The University promotes the faculty to update their knowledge in their respective field in the following ways:

- The Education Unit of each constituent unit ( Medical, Dental, Physiotherapy & Nursing) also conducts the Basic Teacher Training Courses for their faculty. The faculty members are deputed for advance MET training / specialized training program in their respective fields which is a regular feature of the University.
- The University also depute faculty for academic meetings like Conferences, Workshops, CME, symposia, seminars, short courses at national & international level. The university has collaboration with various universities around the world for joint collaborative program for staff and student. Faculty is also deputed for enhancing their knowledge and skills. The faculty members, who wish to undergo any kind of overseas training/fellowship in their chosen field of expertise, are provided paid leave. Faculty is encouraged to acquire FAIMER Fellowships, FIME and relevant training/recognitions. The senior faculty working in the University also serve as resource persons on various academic platforms.
- The updated faculty incorporates / adopts the feasible, acceptable, of newer methods / techniques into respective field.
- The University has made budgetary provision every year for organization of academic and allied activities. Special leave and financial assistance is provided to all deputed faculty as per the university norms.





The University has instituted awards for the best teachers in teaching, research and extension activities. The academically motivated faculty are recognized and given due positions in the academic and administrative bodies of the college, hospital, University and other allied areas.

**2.4.2 Does the institution encourage diversity in its faculty recruitment? Provide the following details (department / school-wise).**

The University believes in recruitment beyond boundaries and hence always look for appointment of the qualified, committed and experienced staff across the globe towards achieving the targeted university and institutional goals. Around 30 percent of the faculty are from other state, majority are from Maharashtra state. Around 35% of the faculty are from the same institution (details are provided in the annexure)

**2.4.3 How does the institution ensure that qualified faculty are appointed for new programs / emerging areas of study? How many faculty members were appointed to teach new programs during the last four years?**

The requirements are calculated on the basis of governing regulations of the apical bodies and need of various departments based on teaching, clinical and administrative workload. Employment notices are advertised on the website of the university and widely circulated to various medical / dental colleges. Applications are first scrutinized by the HRD committee and eligible candidates are invited for the interview. Interview Committee comprises of a subject expert apart from members of HRD committee as per University Grant Commission Guidelines. Successful candidates are accordingly recruited. All faculty is qualified, dedicated and on full-time basis. They are further trained in Medical Education Technology.

The appointment of Part time faculty for the flagship courses is not permitted as per the guidelines of the apical council. The additional faculty required for teaching new courses or subjects, the workload of which does not call for appointment of full time faculty, are appointed on contract basis or as visiting faculty. Applications from experienced and qualified faculty / professionals, as per the prescribed norms are invited by the constituent units. The Dean/Director / Principal of the constituent unit holds personal discussions with them before their appointment, it is ensured that their qualifications meet the norms as laid down by the university. Generally, faculty with experience in either industry or academics or both is preferred as visiting faculty for these programs.

**Total number of faculty members are appointed for new programs (2015-2016)**

	Professor			Assoc. Professor			Asst. Professor			Others			Grand Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
RMC	49	14	63	32	10	42	66	19	85	176	77	253	323	120	443
RDC	8	7	15	14	4	18	10	9	19	12	21	33	44	41	85
CPT	1	0	1	2	2	4	6	4	10	1	1	2	10	7	17
CON	1	2	3	2	1	3	4	4	8	10	6	16	17	13	30
CBT	0	0	0	0	0	0	1	3	4	0	0	0	1	3	4
CSM	0	0	0	1	0	1	1	0	1	7	5	12	9	5	14
<b>Total</b>	<b>59</b>	<b>23</b>	<b>82</b>	<b>51</b>	<b>17</b>	<b>68</b>	<b>88</b>	<b>39</b>	<b>127</b>	<b>206</b>	<b>110</b>	<b>316</b>	<b>404</b>	<b>189</b>	<b>593</b>



PIMS-DU

		Male	Female	Total
I	Professor	59	23	82
	Assoc. Professor	51	17	68
	Asst. Professor	88	39	127
	<b>Sub Total</b>	<b>198</b>	<b>79</b>	<b>277</b>
II	Others	206	110	316
	<b>Grand Total</b>	<b>404</b>	<b>189</b>	<b>593</b>

RDC: New requirements have been made against vacancies to teach recent advances

**2.4.4 How many Emeritus / Adjunct Faculty / Visiting Professors are on the rolls of the institution ?**

- **From foreign universities - Professor Emeritus: 1**
  - **Adjunct Faculty: 1**
  - **Visiting Professors: 1**

Details of the adjunct faculty/ visiting professors from other institutions of India are given in the departmental evaluative reports.

**2.4.5 What policies/systems are in place to academically recharge and rejuvenate teachers? (e.g. providing research grants, study leave, nomination to national / international conferences / seminars, in-service training, organizing national/international conferences etc.)**

The University proactively promotes the participation of the faculty towards such tasks as research grants, study leave, deputation to national/ international conferences/ seminars, training programs, organizing national/ international conferences etc. The University has made budgetary provision every year for organization of conferences and other academic activities. Chancellor Rolling Trophy is given on Foundation Day of University for Best Research Paper Published. University has a Research Cell to facilitate the participation of faculty in Research by providing research grants. Special leave is given to the faculty who wish to attend the seminars, CME, workshop, conferences and other academic activities for 15 days in a year. The department is provided with financial assistance for the approved research proposals. Research facilities and contingency is provided to research scholars enrolled for Ph.D program of the University. Publication of research papers in an index national and international journals are encouraged by way of financial rewards and recognition. The university gives financial assistance towards such tasks in organizing as well as participation in National and International conferences.

[Details about number of seminars, conferences organized at PIMS-DU (National and International Level are given at 3.1/3.2/3.3 of criterion III of SSR]

[Details about participation in FDPs, S//S/C/W are given in Departmental Evaluative Report]

**2.6.6 How many faculty received awards / recognitions for excellence in teaching at the state, national and international level during the last four years?**

- Dr. Toshniwal (RDC) received 7 awards at National / International forums.



- Vinay Vododa (RDC) received state level award from IDAMSB – 2015
- Bhandari Aruna (RDC) received Chancellor Rolling Trophy in 2013.
- College of Nursing faculty (2 No's) received award for the successful completion of 25 years of service (teaching) at Pravara Medical Trust, Loni (Bk)  
(Details are given in Departmental Evaluative Reports)

**2.4.7 How many faculties underwent professional development programs during the last four years? (add any other program if necessary)**

A total of 537 faculty underwent professional development programs (Medical-154; Dental - 160; COPT – 81; CON- 142)

**2.4.8 How often does the institution organize academic development programs (e.g.: curriculum development, teaching-learning methods, examination reforms, content / knowledge management, etc.) for its faculty aimed at enriching the teaching-learning process?**

PIMS-DU ensures through its constituent college's health professional education unit for continuous updation of faculty's knowledge and skills for enriching the teaching-learning process. The academic development programs are conducted on a regular basis on various academic themes like, curriculum development, reforms in curriculum, and newer trends in curriculum, teaching-learning- evaluation methods like integrated teaching, newer modalities in teaching (PBL, examination reforms and content / knowledge management).

Various activities on monthly basis (Staff Research, CPC, Clinical Meet, ITP meetings) are held where all the faculty members of the college participate, discuss and improve the knowledge content. Need based academic programs are also conducted as and when required beyond calendar activity.

**2.4.9 Does the institution have a mechanism to retain faculty? What is the annual attrition rate among the faculty?**

**Yes.** The University has mechanisms to retain faculty; Preferential employment of Couple; Spouse employment in other sister institutions; Health Insurance Scheme; Helping parents for loans from the Co-operative Society for their wards; Provision of incentives for research projects, publications, paid leaves for academic activities

The institution provides infrastructure facilities like : Residential quarters are provided to staff with 24 hours Water and Electricity supply with generator backup; Educational facility for the children of staff; baby crèche; transportation facility for children; Social Club for staff (Table Tennis, Gyms, Indoor Game, Magazine & Newspapers ), food courts, nationalized bank and post office, etc. within the campus.

Stability of senior faculty level has been achieved. Moderate to higher rate of mobility of junior staff is mainly do to their promotional opportunities in newly setup colleges. (a common situation is majority of colleges in a rural and semi urban area).



**2.4.10 Does the institution have a mechanism to encourage mobility of faculty between institutions /universities for teaching / research?**

**Faculty exchange programs with national and international bodies?**

**If yes, how have these schemes helped in enriching the quality of the faculty?**

**Yes.** The University has collaboration with National and International institutes / Universities which provide an opportunity to faculty to visit, to excel in teaching – learning , research and other academic ventures . Through this mobility the faculty is exposed to varied & diverse culture, faculties and populous to exchange ideas , develop new concepts and ideas. (Details of collaboration are given in criterion III).

PIMS-DU has good number of MOU/Collaboration, linkages with International agencies /universities for research, extension, teacher exchange. It is the only private deemed university included under Erasmus Mundas.

**Faculty visits abroad from 2011-2016: Under Teacher Exchange Programme**

Constituent unit	Number of faculty visited
Rural Dental College	5
APJ College of Physiotherapy	17
College of Nursing	5
<b>Total</b>	<b>29</b>

**2.4.11 Does the institution have well defined career advancement policy for Health Science professionals? If yes, outline the policy.**

**Yes.** The University has implemented the Career Advancement Scheme as per norms of statutory bodies.

As per the career advancement policy of the University, faculty having required qualification, experience, and eligibility to next position are promoted on the basis of eligibility and merit. This is done once in a year wherein applications are called for the posts, scrutinized, and eligible candidates are interviewed, and promoted as per the norms.

The selection of the candidates is based on the performance in interview, academic records including research, experience and other criteria laid down by the University.

The Selection Committee is chaired by the Vice-Chancellor. The HR member and one subject experts are invited.

(Those faculty against whom disciplinary action has been taken for their negligence in teaching and evaluation process, as reported by the Competent Authority, are not considered for CAS.)

**2.4.12 How does the institution create synergies with other PG institutes for generating required number of specialists and super specialists?**

The University has number of postgraduate programs and diplomas in various subjects, conducted as per the guidelines of regulatory bodies and University, which create synergies with other PG institutes for generating required number of specialists and super specialists, teacher exchange, reciprocators advice. Collaboration research, accepting membership of AC, BOM, BOS, BOE.



The MoUs and Collaborations with reputed national and international agencies / organizations / Universities have developed in newer arena for strengthening teaching-learning and research. This has facilitated increase in the number of specialists and super-specialists.

**2.4.13 Does the institution conduct capacity building programs / courses in subspecialties for its faculty?**

**Yes.** The University has conducted capacity building programs / courses for the faculty in the last 4 years in its constituent units/colleges. The programs conducted regularly for capacity building have enhanced the teaching and research abilities of the faculty.

## **2.5 EVALUATION PROCESS AND REFORMS**

**2.5.1 How does the institution ensure that all the stakeholders are aware of the evaluation processes that are in place?**

At the commencement of academic year, all stakeholders are communicated about evaluation methods through published Student information Brochures / Notice board, Website, Syllabus and Curriculum. The academic calendar includes structure of the examinations, continuous internal assessment, dates of terminal, preliminary and final examination etc. In addition the Chairman of the Curriculum Committee of each phase appointed by the institution communicates various evaluation methods to the students in the class at the beginning of the phase during the Induction Program especially for the said purpose. The strategies and methodologies for formative and summative evaluation of a course / paper are as per the regulatory bodies and University rules & regulations (content, type of exam, duration of exam weightage of marks for the unit / content / paper / course)

Induction programs for undergraduate and post graduates are organized right at the time of joining the Phase of the course, where is evaluation process is made known.

In case, the student is unable to comprehend well in the class, he/she is encouraged to discuss with respective chairman of the phase and /or Head of the department of the subject.

**2.5.2 What are the important examination reforms implemented by the institution? Cite a few examples which have positively impacted the examination system.**

- The whole evaluation process is time bound, well structured and notified at beginning of each term.
- A separate Examination Cell for formative assessment and University Examination Cell for summative examination is in place.
- A Central Evaluation (Central Assessment Program - CAP) method is followed for “formative” and “summative” examination.
- In Central Assessment Program, a panel of paper setters, moderators, Invigilators and Valuers is prepared by the Examination Cell and the University.
- Introduction of OSCE and OSPE for medicine is proposed to discipline.
- MCQs in University summative examination digitalized.
- There is adoption of periodic examination for postgraduate courses including conduction of Preliminary exam before University examination.
- The University has adopted multiple evaluation system for PG.





- Open Ph.D defending system with minimum two external examiners are appointed for evaluation of Ph.D thesis.
- Introduction of semester system of examination for M. Sc. Biotechnology and MPH.
- Bio-metric identification for UG and PG All India Entrance Examination till 2015; CCTV surveillance; 100% security for evaluation, totaling, tally and tabulation.
- Examination manual, SoPs, central assessment; conducting of AICET; malpractice prevention committee are made available.

**2.5.3 What is the average time taken by the University for Declaration of examination results? In case of delay, what measures have been taken to address them? Indicate the mode adopted by the institution for the publication of examination results (e.g. website, SMS, email, etc.).**

The University (summative) examination results are declared **within 30-45 working days** from the last date of examinations, and the same are communicated to the students via e-mail, website and displayed on the notice boards. Till now, there has been no inordinate delay in declaration of results. University has adopted innovative method of informing results to various stakeholders through SMS system.

**2.5.4 How does the institution ensure transparency in the evaluation process?**

The university is committed to maintain the quality of the evaluation system, in the context of “Objectivity, Transparency and Credibility”. Evaluation process is made known to all stakeholders in advance. Examination manual, SoPs, stipulated processes are followed. Documentation both hard and soft copies are verified and certified.

Following measures ensure transparency:

**Formative Examinations:** Conduction of Examinations by Examination Cell; Question papers setting and valuation are done centrally; Valued Answer books are shown to the students and answers are discussed by each department offering opportunity to the student to learn and improve in future and clarify doubts.

**Summative Examination:** Question papers are coded and printed at approved security press; There is provision for strong store room and confidential materials are stored under sealed condition. Entry to the strong room is permitted only for authorized staff members; Answer books are coded; Question Paper Setters are different from the moderators; Central Assessment Program; Theory checking by Externals Examiners only; Double Evaluation system; Invigilators are appointed from other disciplines.

**2.5.5 What are the rigorous features introduced by the university to ensure confidentiality in the conduct of the examinations?**

The examination section of the University has designed and introduced following rigorous features to ensure confidentiality in the conduct of the examinations; Coding of answer books; Allotment of PRN and Seat Numbers; Printing of admit cards with photographs; Theory and practical evaluation of each student takes place separately by individual examiners; Orders for Internal examiner are issued just one week prior to the practical examination; The University directly communicates with external examiners avoiding scope for interaction with internal examiner or institutional head; Three parallel and independent question papers sets are



prepared; Printing of question papers is done under supervision of the controller of the examinations and care is taken to destroy all draft papers; Observers are appointed to keep vigilance on conduct of examination and report any deviation / malpractices immediately to university; Printing of statement of marks and degree certificates is done efficiently; Synopsis and postgraduate dissertation evaluation by external examiners. A confidential report is submitted to Controller of examinations; Use of biometric techniques for identification of student for AICET.

**2.5.6. Does the institution have an integrated examination platform for the following processes?**

The University has an independent Examination Cell and has integrated examination platform for pre-examination, examination and post-examination process is computerized, and directly under the supervision of Controller of Examinations (COE). The examination cell for formative assessment is controlled by the head of the constituent college/unit and supervised by the Examination cell incharge.

**Pre-examination processes:**

In the pre-examination process, the schedule and time-table of examinations of various disciplines, payment of the examination fees are prepared and notified to the student's atleast two months in advance. The list of students appearing for examinations is generated and based on the strength of the students, the number of invigilators required is calculated and staff members preferably from other colleges/Units are appointed as invigilators. The Dean/Principal is appointed as Examination center Incharge along with members of the examination committee ensures smooth conduct of the examination. Attendance sheets are prepared for each block separately in examination hall. Each invigilator has a batch of 30 students in a block. The squads / flying observers are appointed by the COE from amongst the faculty members of other discipline. The Controller of Examinations Office supplies bar-coded answer books for each session along with the question papers to the Center incharge. The integrity of the seal of question paper packet is confirmed by randomly selected three students, center incharge and invigilators in the examination hall. The invigilators distribute the answer books and the necessary question papers to the students, which is verified and signed for correctness by subject experts, soon after the commencement of examination. Attendance is noted along with the verification of the hall tickets. No student is allowed into the examination hall after 30 minutes of the commencement of the examinations. Once the student completes the examination, answer scripts are collected, sealed by the invigilator and handed over to the center incharge, which in-turn are submitted to examination cell of the University within one hour of the conclusion of the examination. Confidentiality is maintained throughout the process of the examination.

**Examination process:** The University appoints designated staff for the management of all the examination material and logistics support. Strict confidentiality is maintained at all times. Logistics and examination material management is done by faculty appointed by University for the entrance examinations (UGAIET and PGAIET) that are conducted at various centers in the country. The biometric system is used for attendance capture and student identity verification at the time of entrance examination, and also during the admission counseling. The MCQ answer sheets are OMR-based and are subjected to auto-processing and evaluation. The exam result, result processing and certification are computerized. The answer sheets are preserved for minimum of two years following which they are shredded. Latest information technology



(scanning/ imaging software) is used to handle massive application data, issue of admit cards, scanning facility and support to post-examination activities to achieve accuracy.

**Post-examination process:**

The Post Examination Process consists of organization of convocation, issue of marks sheets, passing certificates, degree certificates and dealing with malpractice cases. Grievance redressal is done by way of allowing the students to apply for verification of marks.

**2.5.7 Has the university / institution introduced any reforms in its evaluation process?**

**Yes.** The reforms introduced in evaluation process of University have ensured that the educational objectives are met with and both, absolute and relative connotation of quality and confidentiality, are achieved.

**2.5.8 What is the mechanism for redressal of grievances with reference to examinations? Give details.**

University has standing mechanism for redressal of grievances regarding the evaluation which is time bound, multilayered and effective.

**For formative evaluation** a three-stage methodology is adopted to redress the grievances.

**First Stage: Teacher level:** by providing with answer books to students corrected by the teacher along with model answers, so as to enable them to clear their doubts, if any.

**Second stage: Departmental level:** in case the student is not satisfied with the modality at level one, he/she can approach to the head of the concerned department who is required to look into the matter and do the needful.

**Third stage: Institutional Student Grievance Redressal Committee.**

In case the student is aggrieved with the decision at the departmental level also, he / she can “appeal” in writing to the Institutional Student Grievance Redressal Committee, which will decide the issue at hand, upon hearing the appellant, if need be, and decide the matter appropriately. The decision so given by the committee is final, binding and conclusive.

**For Summative evaluation,** the University has **Grievance Redressal Committee** that looks into the issues of grievances with reference to examinations. In addition, examination branch has **Unfair Means Committee** to deal with malpractice issues. These Committees are constituted in accordance with provisions of the Bye-Laws of the University. The aggrieved student can approach the Controller of Examinations through proper channel. The University has made provision for students to obtain the photocopy of valued answer script on written request.

**2.5.9 Does the institution have a Manual for Examinations and if yes, does it specifically take cognizance of examination malpractices by students, faculty and non-teaching staff?**

**Yes.** The University has comprehensive manual for examinations that specifically cites rules and regulations regarding malpractice and its consequences for the knowledge of faculty, students and non-teaching staff. The responsibilities and functions of the Unfair Means Committee are described in the Bye-Laws No. XVIII & XIX. The examinations are conducted under strict supervision and external observers are appointed from outside the University. The instances of malpractices in the examination by students are brought to the notice of the “Disciplinary Committee” constituted by the Vice-Chancellor. The recommendations of this Committee are placed before the Board of Examinations for necessary action. The information



related to malpractice is available on University website. The cases of malpractices have been dealt with strict disciplinary action as per the Bye-Laws.

**2.5.10 What efforts have been made by the university to streamline the operations at the Office of the Controller of Examinations? Mention any significant efforts which have improved the process and functioning of the examination division / section.**

The Office of the Controller of Examinations is computerized, well-equipped with sufficient human resource that helps to streamline the operations at examination branch. The designated authority chooses question paper from moderated three sets of question papers, The confidential works of printing and sealing question paper is done strictly under the supervision of the Controller of Examinations in strong room. The University follows the central assessment method for evaluation of answer scripts. The Controller of Examinations is responsible for the **Central Assessment Program** as laid down in Bye-Laws No XX.

**CENTRAL ASSESSMENT PROGRAMME SCHEME:**

(1) Preliminary:

The conduct of examinations and declaration of results is one of the important activities of the University. The Scheme of Central Assessment Programme is being introduced by way of this Rule by Law with a view to (1) declaring the results in the shortest possible time, (2) increasing the reliability of the results, (3) maintaining uniformity and consistency in the assessment, (4) increasing accuracy and efficiency in the declaration of results and (5) creating confidence amongst the students about the assessment system.

The Central Assessment Programme shall consist of the following stages : Pre-assessment work; Assessment and Moderation process; Post-Assessment work.

**PRE-ASSESSMENT:**

- i) To Fix the venue of the Central Assessment Programme (CAP) on the campus by the university.
- 2) Appointment of CAP Director by the copetant authority (HOD/Principal)
- 3) Invitation to Examiners / Moderators : In advance and in confidential by COE or Director CAP.
- 4) Collection of Answer books: As per prescribed procedure as per manual and handing over to competent authority under seated condition.
- 5) Preparation for CAP (Receipt of answer books, checking for authorities, coding, distribution, evaluation, decoding, tabulation).

**2.5.11 What are the efforts of the institution in the assessment of educational outcomes of its students? Give examples against the practices indicated below :  
*Compatibility of education objectives and learning methods with assessment principles, methods and practices.***

Compatibility of “Educational Objectives” and “Teaching Methods” with “Assessment principles”, Methods and Practices is carried out by using a structured feedback tool put in use through the Academic Appraisal program as has been evolved by the University. The learner centric learning methods are adopted for theory , practical and clinical postings. The ethical, socio-cultural and behavioral aspects of health science are imparted in the orientation programs. Formative examinations at regular interval helps in measuring acquired knowledge. Community-oriented health profession education is one of the core objectives of the university.



***Balance between formative and summative assessments:***

The balance between formative and summative evaluations is 1:4 i.e. 20% weightage is given for formative assessment and 80% for summative assessment. The formative assessment gives the feedback on students' performance, which either helps to improvise/sustain/enhance the performance of students in summative assessment.

***Increasing objectivity in formative assessments***

Increase in the objectivity in formative evaluations is brought by widening the variables including various components in formative assessment like Logbook, Seminar, Home Assignments, Practical Skills, Minor Research Projects, Attendance and Survey Reports. Introduction of MCQs, OSCE and OSPE, the objectivity of formative assessment is enhanced.

***Formative (theory/ orals/ clinical/ practical) internal assessment; choice based credit system; grading / marking.***

All the constituent units conduct regular formative (theory/ orals/ clinical/ practical) internal assessment and the students are made aware of the marks obtained. This method also helps to give extra training to slow learners, so as to perform better in summative assessment.

***Summative (theory / orals / clinical / practical).***

The University conducts Summative examination (theory/orals/ clinical/practical) to assess the overall knowledge and skill acquired by the students during the academic year/semester. Marking system is adopted for theory / orals / clinical / practical. Based on the results of which the student will be allowed to progress to the next class. 50% is the minimum passing percentage in all the health professional courses.

***Theory – structure and setting of question papers – Essays, long answers, shorts answers and MCQs, etc. Questions bank and Key answers.***

The structure of the paper includes: MCQ, Short answer and Long answer questions form. The source is from books and question bank. An answer key for MCQs are prepared at the time of setting of the paper.

***Objective Structured Clinical Examination (OSCE) and Objective Structured Practical Examination (OSPE).***

Objective Structured Clinical Examination (OSCE) is adopted at the formative level examination as a part of continuous ongoing innovation in the modalities of evaluation. The OSCE/OSPE stations are planned to test various components like, communication skills, interpretation skills, memory recall, clinical skills, problem-solving skills, etc. Generally, 10 to 12 stations are prepared in every subject /exam.

***2.5.12 Describe the methods of prevention of malpractice, and mention the number of cases reported and how are they dealt with?***

The University had laid down policy to prevent malpractices to safeguard the sanctity of health professional education. The University is well versed with newer technologies of malpractice adopted by students.

All Students are informed well in advance regarding consequences of malpractices. All the examination halls are under CCTV surveillance. Mobile phone jammers are installed. Vigilance squad is appointed who conducts surprise visits to check conduction of examination and unfair means practices/ malpractice as bye-laws regarding rules & regulations for conducting examinations no XIII.

**The Vigilance Squad is appointed by the authorities to visit the Centre of University Examination to:** Ensure that the University Examinations are conducted as per norms laid





down and to observe whether the Senior Supervisors and Block-Supervisors are following scrupulously instructions for conduct of the University examinations; Further to Check the students who try to resort to malpractices at the time of University Examinations and report such cases to the University.

Since 2011-12, only 16 cases of malpractices were reported and students were penalized in accordance with Bye-Laws of University no. (XVIII & (XIX). (10 from RMC., 02 from RDC, 04 from other 4 institution) After thorough enquiry by unfair means Committee, which includes punishments like withholding of result, fine, and declaration after an apology letter, annulment of the examination and exclusion of the candidate from examination for one additional examination.

## **2.6. STUDENT PERFORMANCE AND LEARNING OUTCOMES**

### **2.6.1 *Has the institution articulated its Graduate Attributes? If so, how does it facilitate and monitor its implementation and outcome?***

The graduate activities are listed based on vision, mission, expectation of national and international bodies and stake holders expectation. They are as follows:

- Ability to apply the knowledge and skills in real scenario; Effective decision making and problem solving ability; Critical thinking and analysis; Spirit of enquiry and faith in research; Evidence based medical practice; Situational leadership; Global comprehension hold on ICT, technology and its proper usage; commitment to national , international humanities, social norms, culture, heritage, enrichment; empathy, comparison and moral values; Code of conduct; cooperation, team work, IPR, self regulation, motto, social concern and professional ethics.

PIMS-DU has ensured the inculcation of all those attributes in a graduate coming of its portal , through its systems and process explained earlier.

### **2.6.2 *Does the institution have clearly stated learning outcomes for its academic programs/departments? If yes, give details on how the students and staff are made aware of these?***

All the constituent units of the University has clearly stated learning outcome which are need based to bridge the gap in their knowledge, skills and attitudes. The Information brochure / handbook of the constituent Units have learning outcomes and displayed on website of University. The information brochure is handed over to each student and departments. The orientation program organized by constituent units for newly recruited faculty highlights the learning outcomes for its academic programs. Heads of the Institutions / Heads of the Departments emphasize on learning outcome of the academic programs during the orientation programs for undergraduates and postgraduates at the beginning of the academic session. Periodic departmental review meetings and Mentorship system also helps in achieving objectives. In the “*Vision-2025 Document*”, the University envisages to enhance the learning outcome of several academic programs in a futuristic way.

### **2.6.3 *How are the institution's teaching-learning and assessment strategies structured to facilitate the achievement of the intended learning outcomes?***

The teaching-learning process is learner-centric which enables the students to become lifelong self-directed learners. Every effort is made to ensure that the teaching-learning process is interactive, interesting and meaningful.



Each constituent unit have adopted participatory learning methods like PBL, CBL, seminars, journal clubs, group discussion, debate, field visits discussions, sharing health survey reports, dissertations /thesis reviews and participation in various projects.

Teaching-learning strategies are facilitated through well-equipped library with digital facilities ICT enabled lecture halls, laboratories (CCL, CRL and departmental), multidisciplinary with state-of-art ICUs, modular OTs hospital set-up, audio-visual aids, well equipped Physiotherapy and rural health centers

Teaching-learning is augmented by community-oriented programs like community academic health care, Multi-diagnostic & treatment mega & mini camps, health education & awareness, Observance of various Health Day, etc.

Balance between formative and summative evaluations help to achieve intended learning outcomes. Internal examinations, preliminary tests exam and final examination are conducted. Summative assessment for all the programs has well-planned scheme of examination with marking system based on the learning objectives given in the syllabus.

Health Profession Education Unit (MEU) conducts basic training workshops/ orientation programs/ induction programs for its faculty on teaching-learning and assessment.

The University has adopted OSCE and OSPE as one of the method of evaluation for formative examination.

**2.6.4 How does the institution ensure that the stated learning outcomes have been achieved?**

The achievement of learning outcomes of University is ensured by its specific, clearly-expressed and understandable statements. The University has also been receptive to feedback on quality and effectiveness regarding its learning outcomes.

- Examination results (Year wise in percent)

**(A) Undergraduate Programs**

	2011	2012	2013	2014	2015
MBBS	78.81	81.02	78.91	81.92	85.78
BDS	76.63	80.16	79.55	76.81	82.27
BPT	77.69	71.21	67.27	73.43	69.67
B.Sc. (Nursing)	83.68	86.20	85.40	94.21	89.43
P.B.B.Sc. (Nursing)	91.11	93.10	76.08	93.33	100
B.Sc. Medical Biotechnology	100	60	72.72	100	100

**(B) Postgraduate Programs**

	2011	2012	2013	2014	2015
MD/MD/ Diploma	80.00	91.48	88.40	81.83	73.75
MDS	100	100	100	100	100
MPT	90	100	100	92.85	78.57
M.Sc. (N)	93.54%	100%	100%	100%	84.61%
M.Sc. (Integrated)	94.73	100	Nil	Nil	Nil
M.Sc. (Indep.)	96.77	90	63.63	100	50



M.Sc (Public Health)	Nil	100	90	83.33	100
MPH	Nil	Nil	Nil	66.66	66.66

Further it is also insured through the following:

Alumni placement record; Employability at national and international level; High percentage of recruitment of students for higher studies at national and international level; Awards / recognitions won by staff and students in various academic, research, curricular and extracurricular platforms at state, national and international levels; Feedback by students/ alumni/ external examiners on teaching-learning and evaluation methods adopted by the constituent units and the University; Positive feedback from students on course content, infrastructure facility and teacher quality; Attainment of high positions by faculty or alumni in regulatory bodies, statutory bodies, national and international agencies / associations; High esteem of university is reflected by the continued patronage from industry and institutions.

The following attainments have enhanced the quality of education imparted by the constituent units.

- A. Increased number of research publications in journals with high impact factor. Increased number and amount of research grants received by faculty and students from national and international agencies.
- B. Chapter contribution by faculty in books /monograms, etc.
- C. Patents filed and obtained by faculty and students.

PIMS-DU has successfully organized a annual convocation every year since 2007 to award and confer degrees to its students as per UGC norms.

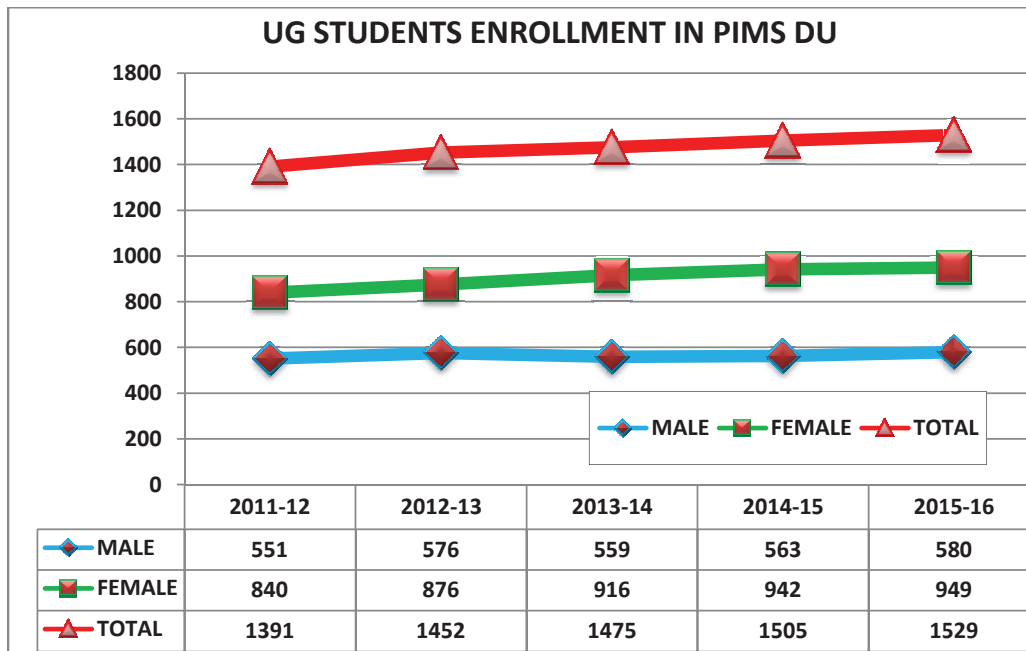
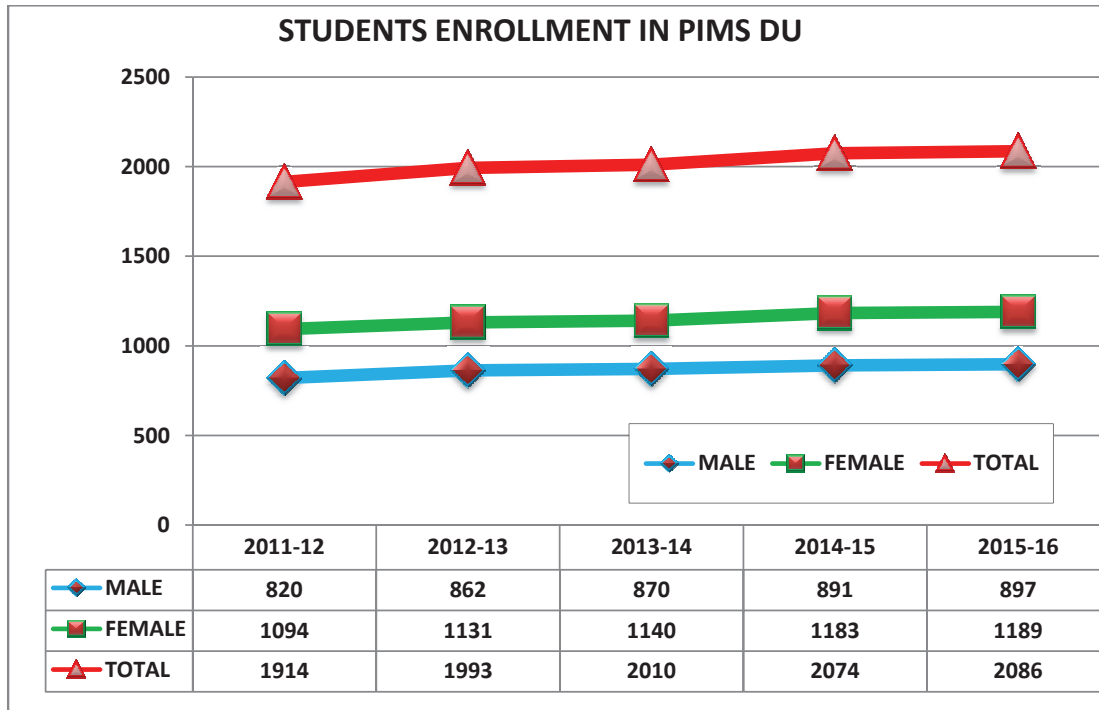
It has contributed the following qualified human resource for national development.

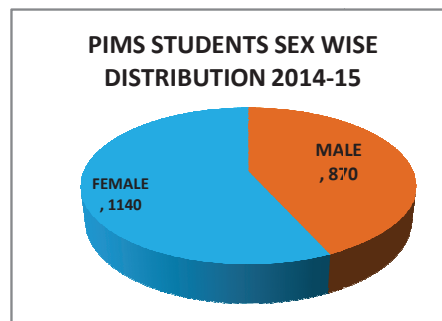
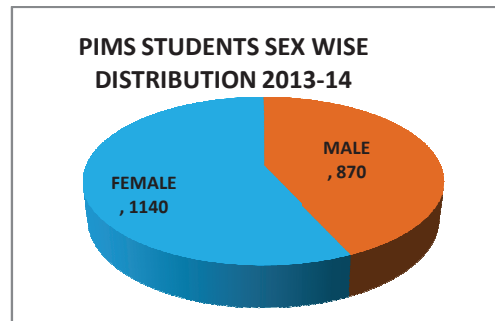
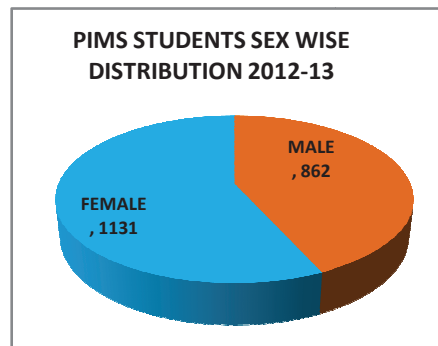
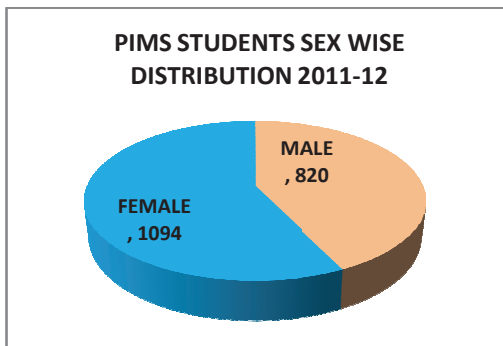
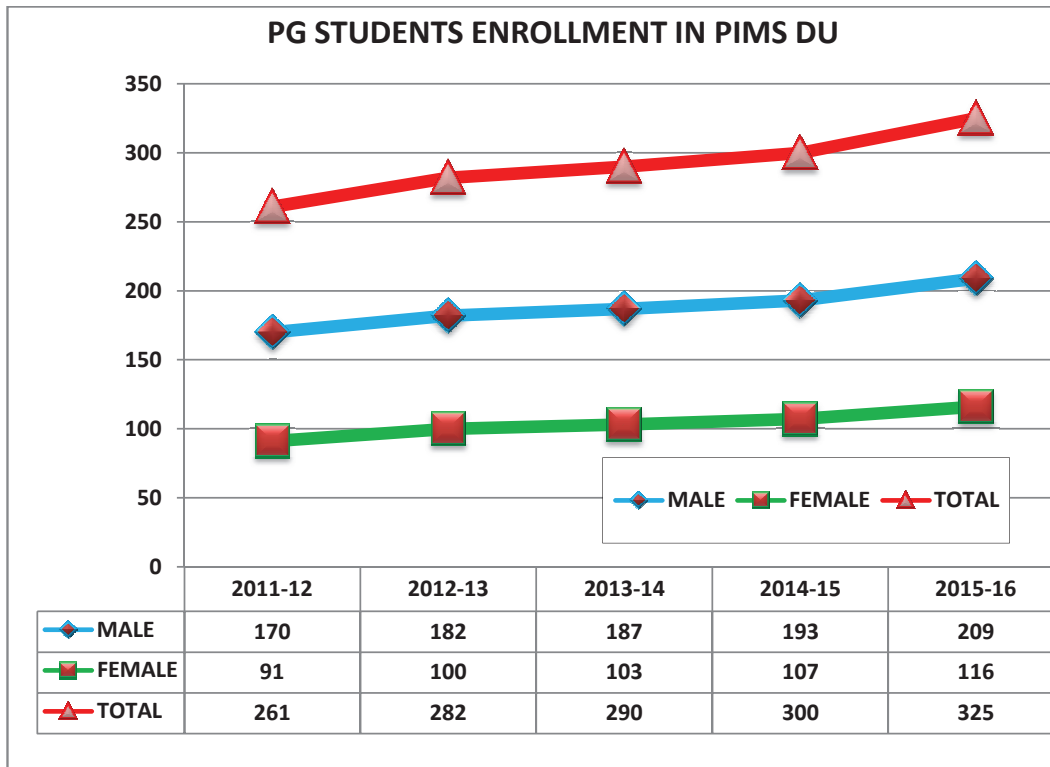
Type of HR	2007-2011	2012-2016	Total
Medical Doctors with MD / MS	68	179	247
Medical Doctors PGD	63	82	145
Medical Doctors MBBS	167	630	797
Dentist MDS	46	102	148
Dentist BDS	89	418	507
Nursing B.Sc.	88	150	238
Nursing P.B.Sc	21	82	103
Nursing M.Sc.	-	42	42
Physiotherapist BPT	108	120	228
Physiotherapist MPT	30	60	90
Med. Biotechnologist B.Sc.	30	08	38
Med. Biotechnologist M.Sc.	101	30	131
Public Health Prof. M.Sc. PH	-	05	05
Bio-Science M.Sc. MBA	22	20	42
Lab Technologist DMLT	35	16	51
Ph. D. Med/Dental/Con/COPT/AH	02	08	10
Grand Total	870	1952	2822

We are proud of our qualified human resource.

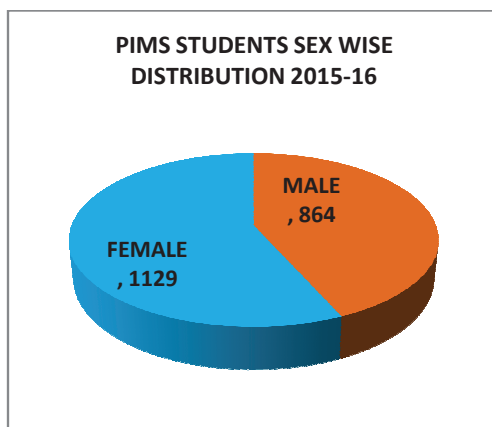


**Statistical Data on Student Enrollment**









**INSTITUTE WISE STUDENTS ENROLLMENT DURING 2011-12**

NAME Of College	UG			PG			INTERNS			OTHERS			TOTAL			GRAND
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	
RMC	289	379	668	110	35	145	52	79	131	2	5	7	453	498	951	
RDC	154	273	427	39	27	66	22	44	66	0	0	0	215	344	559	
COPT	36	101	137	6	21	27	11	18	29	12	17	29	65	157	222	
CON	72	87	159	12	6	18	0	0	0	0	0	0	84	93	177	
CBT	0	0	0	3	2	5	0	0	0	0	0	0	3	2	5	
CSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>TOTAL</b>	<b>551</b>	<b>840</b>	<b>1391</b>	<b>170</b>	<b>91</b>	<b>261</b>	<b>85</b>	<b>141</b>	<b>226</b>	<b>14</b>	<b>22</b>	<b>36</b>	<b>820</b>	<b>1094</b>	<b>1914</b>	

**INSTITUTE WISE STUDENTS ENROLLMENT DURING 2012-13**

NAME Of College	UG			PG			INTERNS			OTHERS			TOTAL			GRAND
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	
RMC	339	319	658	126	43	169	70	61	131	5	7	12	540	430	970	
RDC	124	378	502	39	27	66	19	39	73	0	0	0	182	444	626	
COPT	35	92	127	6	22	28	1	22	23	0	0	0	42	136	178	
CON	78	87	165	5	5	10	0	0	0	0	0	0	83	92	175	
CBT	0	0	0	4	1	5	2	3	5	0	0	0	6	4	10	
CSM	0	0	0	2	2	4	0	0	0	7	23	30	9	25	34	
<b>TOTAL</b>	<b>576</b>	<b>876</b>	<b>1452</b>	<b>182</b>	<b>100</b>	<b>282</b>	<b>92</b>	<b>125</b>	<b>232</b>	<b>12</b>	<b>30</b>	<b>42</b>	<b>862</b>	<b>1131</b>	<b>1993</b>	

**INSTITUTE WISE STUDENTS ENROLLMENT DURING 2013-14**

Name Of College	UG			PG			INTERNS			OTHERS			TOTAL			GRAND
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	
RMC	333	331	664	133	45	178	72	46	118	6	2	8	544	424	968	
RDC	121	382	503	37	26	63	22	41	63	4	5	9	184	454	638	
COPT	36	125	161	4	22	26	11	3	20	0	0	0	51	150	201	
CON	69	78	147	8	7	15	0	0	0	0	0	0	77	85	162	
CBT	0	0	0	3	1	4	2	1	3	0	0	0	5	2	7	
CSM	0	0	0	2	2	4	0	0	0	7	23	30	9	25	34	
<b>TOTAL</b>	<b>559</b>	<b>916</b>	<b>1475</b>	<b>187</b>	<b>103</b>	<b>290</b>	<b>107</b>	<b>91</b>	<b>204</b>	<b>17</b>	<b>30</b>	<b>47</b>	<b>870</b>	<b>1140</b>	<b>2010</b>	



**INSTITUTE WISE STUDENTS ENROLLMENT DURING 2014-15**

Name Of College	UG			PG			INTERNS			OTHERS			TOTAL			GRAND
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	
RMC	329	341	670	138	47	185	81	49	130	7	3	10	555	440	995	
RDC	124	391	515	39	28	67	21	39	60	4	6	10	188	464	652	
COPT	39	127	166	5	23	28	14	6	20	0	0	0	58	156	214	
CON	71	83	154	7	6	13	0	0	0	0	0	0	78	89	167	
CBT	0	0	0	2	1	3	0	0	0	0	0	0	2	1	3	
CSM	0	0	0	2	2	4	0	0	0	8	31	39	10	33	43	
<b>TOTAL</b>	<b>563</b>	<b>942</b>	<b>1505</b>	<b>193</b>	<b>107</b>	<b>300</b>	<b>116</b>	<b>94</b>	<b>210</b>	<b>19</b>	<b>40</b>	<b>59</b>	<b>891</b>	<b>1183</b>	<b>2074</b>	

**INSTITUTE WISE STUDENTS ENROLLMENT DURING 2015-16**

Name Of College	UG			PG			INTERNS			OTHERS			TOTAL			GRAND
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	
RMC	349	343	692	117	58	175	66	76	142	09	3	12	541	480	1021	
RDC	127	342	469	23	31	54	21	39	60	6	0	06	177	412	589	
COPT	39	127	166	5	23	28	14	6	20	0	0	0	58	156	214	
CON	65	63	128	18	11	29	0	0	0	0	0	0	83	74	157	
CBT	0	0	0	1	5	6	0	0	0	0	0	0	1	5	6	
CSM	0	0	0	4	2	6	0	0	0	0	0	0	4	2	6	
<b>TOTAL</b>	<b>580</b>	<b>875</b>	<b>1455</b>	<b>168</b>	<b>130</b>	<b>298</b>	<b>101</b>	<b>121</b>	<b>222</b>	<b>15</b>	<b>03</b>	<b>18</b>	<b>864</b>	<b>1129</b>	<b>1993</b>	

**INSTITUTE WISE STUDENTS DIVERSITY (ZONE WISE) DURING 2015-16**

NAME OF COLLEGE	WITHIN MAHARASHTRA			OUTSIDE MAHARASHTRA			GRAND TOTAL		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
RMC	345	371	776	132	94	226	477	465	942
RDC	140	363	503	10	10	20	150	373	523
COPT	37	177	214	0	0	0	58	156	214
CON	82	73	155	1	1	2	83	74	157
CBT	1	5	6	0	0	0	1	5	6
CSM	4	2	6	0	0	0	4	2	6
<b>TOTAL</b>	609	991	1660	143	105	248	773	1075	1848

*Criterion - III*  
***Research, Consultancy  
and  
Extension***



**Pravara Institute of Medical Sciences  
(Deemed University)**







**CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION**

**3.1 Promotion of Research**

Research in PIMS -DU is an integral part of holistic development. The thrust areas of Research at PIMS -DU includes: Community based research, agri medicine, occupational, health, MCH; Academic aspects of medical education; primary, secondary and tertiary health care with special emphasis on multi-disciplinary research; New drug Clinical Trials. Issues in medical and health sciences for research in the future includes: Genetic Studies, Nano technology, Bio-Markers in diagnosis. The faculty of each department identify the thrust area based on clinical resource and regional needs.

**3.1.1 Is there an Institutional Research Committee which monitors and addresses issues related to research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.**

Yes, Research in PIMS- DU is coordinated by a Directorate of Research.

Various Committees under Directorate of Research are as follows:

**Ethical committees as per of guidelines of ICMR (2006):** There are individual institutional ethics committees for the constituent institutes of PIMS and a centralized IEC PIMS-DU. IEC- PIMS (DU) which is registered with DCGI is the ethics committee that looks after all the faculty research, sponsored and PhD research. The ethics committees of constituent institutes are responsible for the monitoring and clearance of research projects received from the under graduate and post graduate students from their institutes respectively. (Composition of the committee in Annexure 3.1).

**Technical Review Committee:** Institutional Ethics Committee has “Technical Review Committee” comprising of 3 member nominated by IEC-PIMS. Members are experts in the research field from departments of Community Medicine and Pharmacology. Responsibility of the Technical Committee is to verify technical and scientific soundness of research project. (Composition of the committee in Annexure 3.2)

**Research and Review Board ( Budgetary Provision):** After the ethical approval of research Proposals, the research projects, which require funding have to apply through the Directorate of Research to the Research and Review Board.

**Research Advisory Board (RAB):** Research Advisory Board is constituted to give the directions and suggestions for the research activities in PIMS. Members of the board include researchers and subject experts. It reviews and monitors; identification of research thrust areas; formulation of research policy; various incentives for promoting research activities; regulations governing PhD program; Institutional funding for research projects and its periodic review. (Composition of the RAB Annexure 3.3

**Major Recommendations of RAB to promote research at PIMS-DU**

- Framework of Pre-PhD course work.
- To ensure the preparation of SOPs at all the research laboratories, IEC SOPS, Budgetary Committee and policy, Investigators SOP for the sponsored clinical trials.
- Workshops on Good Clinical Practices (GCP), Bioethics and to create awareness





amongst faculty and students regarding ethical issues in research.

- Annual Workshops on research methodology and dissertation writing.
- Periodic assessment of quality of research publications.
- Steps to monitor and check for plagiarism using special Anti-Plagiarism Software.
- Special orientation sessions for undergraduate students- encouraging undergraduates to undertake ICMR STS projects
- Provide incentives for the research undertaken by the faculty and students in the form of RIS and Short Term Studentships (STS)
- Encouragement to staff and students to submit project proposals to external agencies to seek funding.
- Periodic Review of the progress of dissertation of MD / MS / MDS candidates and thesis of Ph.D. candidates.
- To enhance national and international collaborations in research activities and student teacher exchange programmes.
- Measures to upgrade the Central and Department Research Laboratories.

#### **Impact Based on the advice from RAB**

- Designing and implementation of new regulations for Ph.D. programmes which includes Entrance test, Pre Ph D presentation and inclusion of permanent Ph D registration after ethical approval of PhD research project.
- Formulation of research policy document and its implementation called as RESEARCH COMPEDIUM
- All SOPs are in Place and research activities are functional as per the procedures laid down: SOP of IEC PIMS DU (**Annexure 3.4**) SOP for Budgetary Committee (**Annexure 3.5**) Investigator SOP for the sponsored clinical trial (**Annexure 3.6**)
- GCP workshop conducted in Feb 2014 and 46 faculty members are now certified with GCP.
- A total of 6 workshops (2 workshops per year and 45 participants per workshop) on Research Methodology conducted in the Month of August 2013, 2014, 2015 for 1st year PG students, Ph.D. students and faculty of constituent institutes. Total 270 participants are trained till date from PIMS-DU
- The research publications of PIMS are analysed with various databases in collaboration with EMERGE TECH, Chennai in 2 phases 2003 to 2012 and 2012 till date. A book on Research Publication Analysis 2003 to 2012 is circulated.
- Central Research Facility and Central Clinical laboratory with state of art facility is made available
- Remarkable increase in participation of undergraduate students in research activities.
- Launch of Pravara STS awards, Research Incentive Scheme (RIS) in the form of cash award and additional increments.
- Pravara STS: Launched from 2016, Chancellor's Rolling Research Trophy for best research paper by the faculty is awarded since 2013, and Young Budding research award for UG



- Participation of UG and PG in various State and National level research competitions like STS (Short term studentship) conference, Mediace, Illuminiti
- International Collaboration by signing MoU with Global Drug Development Experts for the collaborative and sponsored research.

**3.1.2 Does the institution have an institutional ethics committee to monitor matters related to the ethics of inclusion of humans and animals in research?**

■ PIMS-DU has on Ethical Committees as per of guidelines of ICMR (2006)

■ **IEC PIMS-DU :**

- Is Registered with DCGI since 22<sup>nd</sup> April 2013, Applied for Renewal on 22<sup>nd</sup> March 2016. Yearly 4 meetings or more are scheduled as per the receipt of project proposals maximum 10 projects or every 4 months whichever is earlier.
- [Details of last 3 years are given in as](#) under:

**SUMMARY OF RESEARCH PROPOSALS REVIEWED BY IEC-PIMS-DU (Last 3 years)**

**For 2013**

Sr. No	Date	RMC	RDC	Physiotherapy	Nursing	CSM	Biotechnology	Other	Total Proposal
1	04-04/2013	09	02	04	02	00	00	00	17
2	20/06/2013	07	04	00	02	00	00	01	14
3	20/09/2013	13	01	00	02	00	01	02	19
4	22/10/2013	07	02	00	00	00	00	01	10
<b>Total</b>		<b>36</b>	<b>09</b>	<b>04</b>	<b>06</b>	<b>00</b>	<b>01</b>	<b>04</b>	<b>60</b>

**For -2014**

Sr. No	Date	RMC	RDC	Physiotherapy	Nursing	CSM	Biotechnology	Other	Total Proposal
1.	06/01/2014	04	03	00	01	00	00	00	08
2.	12/6/2014	12	04	00	01	00	00	02	19
3.	20/8/2014	06	00	03	03	07	00	00	19
4.	28/11/214	02	00	01	02	00	01	00	06
<b>Total</b>		<b>24</b>	<b>07</b>	<b>04</b>	<b>07</b>	<b>07</b>	<b>01</b>	<b>02</b>	<b>52</b>

**For -2015**

Sr. No	Date	RMC	RDC	Physiotherapy	Nursing	CSM	Biochnology	Total Proposal
1.	06/01/2015	4	-	-	2	1	-	07
2.	27/3/2015	5	-	1	1	-	-	07
3.	20/10/2015	11	2	-	3	-	-	16
<b>Total</b>		<b>20</b>	<b>02</b>	<b>01</b>	<b>06</b>	<b>01</b>	<b>00</b>	<b>30</b>

**For -2016**

Sr. No	Date	RMC	RDC	Physiotherapy	Nursing	CSM	Biochnology	Total Proposal
1.	29/01/2016	6	1	0	3	0	2	12
2.	23/03/2016	3	8	0	2	0	1	14
<b>Total</b>								<b>26</b>
<b>Total (2013-16)</b>								<b>168</b>



IEC PIMS–DU monitor and approve research projects of faculty, sponsored and collaborative research projects including Clinical Trials. IEC PIMS DU have appointed 3 member **Technical Committee** and Monitoring. Any research proposal received by the Directorate of Research is subjected to technical committee for review and cleared, then only proposal is put up for the ethical approval.

**Technical Monitoring Committee** is responsible for the ethical conduct of the research once approved by IEC PIMS-DU. IEC Members will monitor the progress of the clinical trials through informed site visit at the departments. It is mandatory to submit annual progress report in the format approved by a Directorate of Research for all ongoing projects.

- **IEC UG-PG:** Each Individual institute under PIMS has their own IEC UG-PG for the student related projects and PG dissertation. Only observational studies are reviewed by the IEC UG, PG. In case of submission of any experimental clinical project or clinical trial it is directed to IEC PIMS –DU for the clearance.
- **Institutional Animal Ethics Committee: CPCSEA registered (Reg. No: 366/po/Re/s/01/CPCSEA)**

All animal related research projects are submitted to IAEC RMC for ethical approval and then the study on animals is undertaken in the CPCSEA registered animal resource center.

### **3.1.3** *What is the policy of the university to promote research in its affiliated / constituent colleges?*

PIMS-DU has adopted a proactive policy to promote research at its Constituent Units. The University provides substantial amount as seed money for conducting basic and applied research. University Research Funding includes chemicals, equipments, infrastructure, and logistic support. The campus has state-of-art facilities for conduct of research (Central Research Lab Facility, and Departmental Laboratories.)

#### **Research Promotion Activities:**

- Research Incentive Scheme (RIS) - cash award and additional increments
- Chancellor's Rolling Research Trophy for best research paper by the faculty: Award and recognition of faculty & students for their research publications in high impact factor journals.
- Young Budding research award for UG students
- Participation of UG and PG in various State and National level research competitions like STS (Short term studentship) conference, Mediace, Illuminiti etc.
- [Pravara STS](#): Launched from 2016- Total 31 projects received
- The UG students are encouraged to undertake ICMR short term studentship (STS) projects thereby creating a unique research ethos.
- Research methodology workshops and dissertation writing sessions are conducted periodically.
- All PG students are encouraged to Publish research papers in peer reviewed journals upon completion of their dissertations and present papers and posters in their respective society conferences. (3Ps for PGs)



- Sabbatical leave is granted for faculty to pursue higher research in premier institutions within the country and abroad.
- 50% of registration fee & special leave for paper presentation along with TA, DA for PG students and faculty
- 100% sponsorship for UG for presentation and publications
- Pravara Medical Review : Quarterly Peer reviewed Journal
- **PIMS- DU research fund:** Seed money from the university to all faculty projects is provided. Provision of Rs.100 Lakhs is made in the Annual Budget for faculty research. International collaboration with more than ten esteemed Universities worldwide and with Indian institution and industries. Institutional support (monetary & collaborative) for conducting continuing professional (Medical, Dental, Physiotherapy, Allied, etc.) education course(s)/ workshop(s)/ Congress(s)/ conference(s) (National/International)/ convention(s)/ training programs and symposiums. Academic and administrative facilitation to submit and present project proposals to National & International funding agencies.
- Counseling and legal consultancy are provided to the faculty and students who develop innovations for submitting application for patents at National & International bodies.

### **3.1.4** *What are the proactive mechanisms adopted by the institution to facilitate the smooth implementation of research schemes/projects?*

#### **A. Externally funded projects (both government and private agencies)**

- **Providing seed money:** As a start up research grant, the principal investigators are given funds for early initiation of the research
- **Simplification of procedures related to sanctions / purchases to be made by the investigators:** The University has a centralized system to facilitate timely sanction and processing of purchase orders related to research materials and equipments. Any research proposal received by the Directorate of Research is submitted to technical committee for a speedy process even with compliance. It aims at clearing the project with technical approval within 8 days with directions to review the proposal under following norms and recommendations of the IEC PIMS-DU as per the ICMR 2006 guidelines:
  - \* **Exempted** : Proposals which present less than minimal risk fall under this category
  - \* **Expedite:** The proposals presenting no more than minimal risk to research participants may be subjected to expedited review.
  - \* **Full Review :** All research presenting with more than minimal risk, proposals/ protocols which do not qualify for exempted or expedited review
- **Autonomy to the principal investigator/coordinator for utilizing overhead charges:** The principal investigators have freedom to utilize the sanctioned amount independently as per approved guidelines in the project and the funds received from the funding agencies are maintained in separate ledger account in the name of the



project/principal investigator/coordinator.

- **Timely release of grants:** The University has set mechanisms for the release of grants and monitoring of the same through a dedicated team in the accounts department of institutes.
- **Timely auditing:** The progress of research projects is audited by regular meetings between principal investigators/coordinators and Directorate of Research at institutional level. All necessary instructions are given to the principal investigators/coordinators for necessary implementation as and when required. At the University level, timely auditing is done by internal audit department of the institute and the finance department of the university
- **Submission of utilization certificate to the funding authorities:** The granting agencies such as DST, New Delhi and DBT, New Delhi have made it mandatory for each grantee institute utilization certificate to the funding agencies at the end of each financial year. The funding agencies provide format and guidelines for the utilization certificate. The independent auditor audits the institutes' financial account and later on utilization certificate is provided on the institutes' letterhead with the approval and signature of following responsible authorities such as Principal Investigator, Head of Institution, Registrar of the University, and Accounts Officer of the Institute. (with all mandatory entries)
- **Writing proposals for funding:** At the University level, Directorate of Research office provides mentorship, guidance, and motivates faculty / students to write research proposals
- **Any training given for writing proposals:** Research Methodology workshops, GCP workshop : LIST OF PARTICIPANTS (Annexure 3.11)

#### **B. Institution sponsored projects:**

- **PG Dissertation: (PG Research activity):** Individual institute /college have respective IECs for ethical clearance of the PG Dissertation synopsis (As per PIMS compendium). Department wise list of all PG Dissertation/ synopsis is submitted by the individual institute to the research directorate before ethical clearance to check for duplication of the research project. Budgetary requirements for the PG dissertation is into the individual departmental budget of the institute and not to the Directorate of Research.
- **Faculty research: (STEP I to VII approach):** Following amendments are approved with respect to **Research fund policies for faculty research** (Compendium on scientific research and publication of PIMS, BOM item no. 11 page 57)

#### **Following sequence is followed by the faculty undertaking research project:**

- STEP I:** Submission of the research proposal to the research cell in the format available with RC
- STEP II:** Technical and Institutional Ethical Committee approval
- STEP III:** Approval of budgetary requirement by **Board of Research** constituted at the university level
- STEP IV:** Approval letter to be forwarded to Manager Finance / Account section / Head of institute /Head of the department / Principal investigator





- STEP V:** Manager Finance / Account section will maintain separate **Ledger account for the project.**
- STEP VI:** PI / Researcher to forward all the requirements with proper specifications to the **Central Store** for necessary action through requisition form and store to arrange for the requirements at the earliest.
- STEP VII:** For miscellaneous expenses Rs. 5000=00 will be allotted to the PI. The proper accounting of this amount is to be maintained by PI. All the accounts related to the research project to be maintained by the account section.
- **Proportion of funds dedicated for research in the annual budget:** Seed money from the university to all faculty projects is provided and there is Provision of Rs.100 Lakhs is made in the Annual Budget for faculty research.
  - **Availability of funding for research /training/resources.**
  - **International and National organizations:**
    - 14 sponsored clinical trials are successfully implemented by University costing approximately Rs 280 Lakhs.
    - Extramural funds for various Interdisciplinary research projects (Aprox. 927 Lakhs)
    - ICMR, DBT, for Undergraduate, Post graduate research project
  - **PIMS- DU research fund:** Seed money from the university to all faculty projects is provided. Provision of Rs.100 Lakhs is made in the Annual Budget for faculty research
  - **Availability of access to online data bases** (list given at 4.3 of SSR)

**3.1.5** *How is multidisciplinary / interdisciplinary / trans disciplinary research promoted within the institution?*

- \* **between/among different departments**

The multidisciplinary / interdisciplinary / trans disciplinary research promoted within the institution are carried out under the guidance of Directorate of Research and Center for Social Medicine. The faculty from various departments of constituent institutes of PIMS is the adjunct faculty for the Center for Social Medicine which coordinates all the multidisciplinary / interdisciplinary / trans disciplinary research. The list and activities of such research are displayed under the section of Center for social Medicine.
- \* **Collaboration with national/international institutes/ industries.**

Through initial academic linkage, collaborative approaches among the researchers of other institutions and through MOU's

**3.1.6** *Give details of workshops/ training programs/ sensitization programs conducted by the institution to promote a research culture in the institution.*

6 workshops on Research Methodology were conducted in the month of August 2013, 2014, and 2015 for 1st year PG students, PhD students and faculty of constituent institutes. (Details are given in Annexure). Total 270 participants are trained up till now from PIMS-DU (45 participants per workshop). Team of RMW includes renowned faculty with strong research background from PIMS and outside institutes. Each



workshop is MMC accredited. Team of RMW have also extended these services to PDVVPF'S Medical College and have successfully conducted 4 workshops in 2014 and 2015.

**3.1.7 How does the institution facilitate researchers of eminence to visit the campus? What is the impact of such efforts on the research activities of the institution?**

- The Institute also facilitates researchers of eminence to visit the campus by promoting research activities/projects of national and international significance and inter institutional collaboration among researchers.
- By organizing national conference for UG and PG research called INVENTUM. During this conference plenary lectures are organized for the participants from the eminent faculties and researcher of eminence and thus they get a platform for delivering their excellence to the budding doctors.
- The Institute provides grant for expenses involved in such collaborations and research activities. Visit and interaction with such eminent personalities has resulted in various national and International collaborations. Various collaborative projects have been undertaken in consultation with these eminent personalities and their advice has significantly influenced the scientific temperament of the faculty and students.

**3.1.8 What percentage of the total budget is earmarked for research? Give details of heads of expenditure, financial allocation and actual utilization?**

Percentage wise distribution of research funds are as under:

Sr. no.	Source	Percentage of funds
1.	International	77.60
2.	National	06.14
3.	State	03.36
4.	University	12.90

- International and National organizations: 14 sponsored clinical trials are successfully implemented by University costing approximately Rs 280 lakhs. Extramural funds for various Interdisciplinary research projects approx 927 lakhs
- ICMR, DBT, for Undergraduate , Post graduate research projects
- PIMS- DU research fund: Seed money from the university to all faculty projects is provided. Provision of Rs.100 Lakhs is made in the Annual Budget for faculty research. Provision of budget to use sophisticated diagnostic and therapeutic equipments, hospital care facilities, chemicals, glassware's, maintenance of animal house, publication of journal, TA/DA/registration fees, incentives, awards and rewards to researchers, funds for conducting workshops, conference etc.

**3.1.9 In its budget, does the university earmark funds for promoting research in its constituent? If yes, provide details.**

The budget for promoting research at university is directly available for the faculty and students of 6 Constituent Units.



**3.1.10 Does the institution encourage research by awarding Postdoctoral Fellowships/Research associate ships? If yes, provide details like number of students registered, funding by the institution and other sources.**

Since the numbers of health care professionals pursuing fulltime research is very less in India. PDF, RA are not instituted, in case of demand the PIMS-DU accept it.

**3.1.11 what percentage of faculty have utilized facilities like sabbatical leave for pursuit of higher research in premier institutions within the country and abroad? How does the institution monitor the output of these scholars?**

The University always motivates their teachers to peruse higher education by availing sabbatical leave (short term and long term). Under Lineus Palme Exchange Programme teachers of college of physiotherapy and college of nursing have visited the universities at Sweden for studies and they are granted sabbatical leave.

**3.1.12 Provide details of national and international conferences organized by the institution highlighting the names of eminent scientists/scholars who participated in these events.**

The University encourages its constituent institutions to organize national and international conferences.

During last 5 years, 17 events have been organized (12 National + 5 International) PIMS-DU has also organized good number of FDPs, S/S/C/W at regional and university level. Their details are given in annexure 3.7 as well in DERs.

**National /International CME / COE/ Workshops/ Conference Organized List 2011–2015**

**Conference/CME/CDE/Workshop- ORGANIZED 2011-2012**

Sr. No	Workshop / Conference	Date	Department	Institution	Level
1.	UG Medical Students' Research Conference	21 <sup>st</sup> -23 <sup>rd</sup> February 2012	Research Cell	PIMS	National
2.	Conference on Emerging Challenges in Nursing	30 Sept- 1 Oct, 2011	All staffs	CON.	National
3.	Seminar on Healthy aging	22 Feb, 2012	All staffs	CON	National

**Conference/CME/CDE/Workshop- ORGANIZED 2012-2013**

Sr. No	Workshop / Conference	Date	Department	Institution	Level
1.	Workshop on “ Eye Donation & Eye Banking ” Under –EBAI	05/09/12	Ophthalmology	RMC,Loni	National
2.	CME on Cataract Surgery Update Under - MOS	21/07/13	Ophthalmology	RMC,Loni	National
3.	Application of advanced imaging technology in dentistry	30 <sup>th</sup> Aug 2012	Orthodontics	Rural Dental College	National



**Conference/CME/CDE/Workshop- ORGANIZED 2013-2014**

Sr. No	Workshop / Conference	Date	Department	Institution	Level
1	AMPICON 2014	20-22 Nov 2014	Oncology	RMC	International
2	Inventum-14	27-28 Mar 2014	Directorate of Research	PIMS	National
3	International CME	4 & 5 Jan 2013	Pathology	RMC	International
4	CDE Programme, Dept. of Periodontics 'A Rendezvous with Perio -Esthetix Thinking beyond the White.'	30-08-2013	Periodontics,	RDC	National

**Conference/CME/CDE/Workshop- ORGANIZED 2014-2016**

Sr. No	Workshop / Conference	Date	Department	Institution	Level
<b>Rural Medical College</b>					
1	Pre-Conference Workshop AMPICON 2014	19 <sup>th</sup> Nov 2014	Radiotherapy & Oncology	RMC, Loni	International
2	35th Annual Conference of Association of Medical Physicist of India (AMPICON-2014)	20 to 22 Nov. 2014	Radiotherapy & Oncology	RMC, Loni	International
3	MET Workshop	27 – 29 Jan. 2015	Community Medicine (PSM)	RMC, Loni	National
4	International Yoga Day	21/06/2015	Community Medicine (PSM)	RMC, Loni	International
5	Inventum-16	30 march -1 <sup>st</sup> April 2016	Directorate of Research	PIMS	National
<b>Rural Dental College</b>					
5	World Health Day ( Workshop for Food Handless of PIMS Campus)	07/04/15	Community Medicine (PSM)	RMC, Loni	International
6	CDE Programme & Hands on Workshop on “Pediatric Facial Trauma Management“	6th September 2014.	Dept. Of Oral & Maxillofacial Surgery	RDC, PIMS, Loni	National
7	Alumni Meet 2014 & “An overview on Oral & Maxillofacial Surgical Praocedures“	22th Nov. 2014	Dept. Of Oral & Maxillofacial Surgery	RDC, PIMS, Loni	National

**3.1.13 Mention the initiatives of the institution to facilitate a research culture in the below mentioned areas:**

- \* **Training in research methodology, research ethics and biostatistics:** 6 workshops on Research Methodology: Month of August 2013, 2014, 2015 for 1st year PG students, PhD students and faculty of constituent institutes
  - Total 270 participants are trained up till now from PIMS-DU (45 participants per workshop)
  - Team of RMW includes renowned faculty with strong research background from PIMS and Outside institutes; Each workshop is MMC accredited; Team of RMW have also extended these services to PDVVPF’S Medical College and have successfully conducted 4 workshops in 2014 and 2015.



- \* **Development of scientific temperament:**
  - By virtue of conducting regular CME/CDE Programs.
  - Promoting staff and students to attend National and International Conferences, INVENTUM.
  - By rewarding people for achievements/publications through incentives.
  - By forwarding selected research projects to eminent national research Agencies like ICMR, DBT, etc. to encourage students for receiving
  - Recognition and grants by such eminent bodies
  
- \* **Presence of Medical/ Bio Ethics Committee.**  
UNESCO chair of Bio Ethics Unit has been established at PIMS-DU Institutional Ethics Committees are functional
  
- \* **Research linkages with other institutions, universities and centers of excellence. (National and International):** MOUs have been signed with various institutes/ Universities Nationally and Internationally. Details are given at 3.7

**Few illustrations are:**

International Collaborations	Research projects
Linkoping University, Sweden Tufts University, Boston	Sustainable health Student exchange
Karolinska Institute, Sweden	Diabetes mellitus
Queensland University of Technology, Australia	Health promoting schools
University of Skovde, Sweden Lund University, Sweden University of Worcester, UK Drake University, USA Portland State University, USA University of Pecs, Hungary University of EI Bosque, Columbia University of Greifswald, Germany University of Milano, Italy IAAMRH, Japan	Transgenic crops Exchange programme Exchange programme Exchange programme Public health Exchange programme Exchange programme Psychological studies Sustainable rural health Rural health and extension

- \* **Research programs in Basic Sciences, Clinical, Operational Research, Epidemiology, Health Economics, etc.:** Centre of Social Medicine has secured extramural funds for various Interdisciplinary research projects
  - Developing Multi Sectorial Approach Model for Sustainable Health in 235 remote and tribal villages (beyond catchment area)
  - Targeted Interventions for Female Sex Workers, Gay, Migratory population for prevention of STI & HIV/AIDS in Urban Slums
  - Study on Community Participation in Micro-level Planning of selective Villages
  - School Health Action, Hygiene and Environment Project (SHAPE) in selective rural & tribal schools
  - Prevalence of diabetes in rural Ahmednagar district
  - Surveys and research projects in community medicine
  
- \* **Promotional avenues for multi-disciplinary, inter-disciplinary research.**





The research in Medical, Dental, Physiotherapy and Nursing College is usually Inter disciplinary as it involves a number of departments.

- \* Promotional avenues for translational research.  
Faculties and registered Ph.D. Students are encouraged to participate in translational research workshops
- \* Instilling a culture of research among undergraduate students.
  - Young Budding research award for UG
  - Participation of UG and PG in various State and National level research competitions like STS (Short term studentship) conference, Mediace, Illuminiti etc.
  - Pravara STS: Launched from 2016- Total 31 projects received
  - Publication-based promotion/incentives.
  - ICMR – STS projects (Annexure 3.8)
  - Research Incentive Scheme (RIS) cash award (and additional increments for staff)
  - Chancellor's Rolling Research Trophy for best research paper by the faculty

**Details of RIS:**

Year	Publications	International	National	University	Total	Total Amount
2012	Original Article	25	05	01	31	165500
	Review Article	04	01	--	05	22000
	Total	29	6	01	36	187500
2013	Original Article	40	04	--	44	252000
	Review Article	10	00	--	10	50000
	Total	50	04	--	54	302000
2014	Original Article	30	06	--	36	198000
	Review Article	06	04	--	10	38000
	Total	36	10	--	46	236000
2015	Original Article	23	01	--	24	143000
	Review Article	06	01	02	09	32800
	Total	29	02	02	33	175800
<b>Grand Total</b>		<b>144</b>	<b>22</b>	<b>03</b>	<b>169</b>	<b>901300</b>

- \* Providing travel grant for attending national/international conference and workshops. 50% of registration fee for paper presentation along with leave TA, DA for PG students and faculty. 100% sponsorship for UG for presentation and publications

**3.1.14 Does the institution facilitate**

- \* **R&D for capacity building and analytical skills in product development like diagnostic kits, biomedical products, etc. for the national / international market.**

Yes

PIMS-DU has provided the following facilities to develop products and bio medical tools. (Some of them have been applied for patents. Upon granting of patents, the investigators proposes to release them to the market)



**Facilities provided:**

Central Research Laboratory: Molecular Biology Lab : PCR, Spectrophotometer, Cell Hybridizer, Gel Doc system, Tissue Culture laboratory: Animal and Plant.

- CPCSEA registered ARCMR (Animal House)
- Departmental Research laboratory for every department
- Central Clinical Laboratory : Biochemistry, Microbiology, Pathology, (auto-analyzer) (CMC, Vellore accredited)
- Digital Slide Scanner in pathology, PACS, latest MRI, CT Scan
- All departments utilizes research labs, learning resources and IT facilities
- Latest computer assisted surgical equipment and computer assisted therapeutics and diagnostics in hospital.

**\* Development of entrepreneur skills in health care**

- There is a thorough pre-clinical and clinical hands-on training on mannequins, typhodonts, bed side clinics, chair side demonstrations, etc.
- Periodic training in soft skills and logistics ensures that the graduate and post graduate students develop their entrepreneur skills in health care. The success of alumni as individual health providers is a visible proof of this.

**\* Taking leadership role for stem cell research, organ transplantation and harvesting, Biotechnology, Medical Informatics, Genomics, Proteomics, Cellular and Molecular Biology, Nanoscience, etc.**

The Department of Biotechnology offers B.Sc. and M.Sc. programs as well as courses on Bio-informatics, specialized Biotechnology courses (medical, microbial, plant, animal). The course components include theory and practical training on medical bio informatics, genomics, proteomics, cell biology, molecular biology, molecular diagnostics, nano-bioscience and so on. Thus all aspects of Biotechnology and Bioinformatics are covered under one roof.

(Molecular Biology Lab: PCR, Spectrophotometer, Cell Hybridizer, Gel Doc system, Tissue Culture laboratory: Animal and Plant)

- PhD project on Pharmacogenetics by faculty members from RMC have achieved recognition at the international forums
- Rural Medical College is first institute from India for submitting twenty human GAS 6 gene nucleotide sequence
- NCBI-USA released GAS 6 Nucleotide sequences in its Nucleotide data bank with release ID:KM248307:KM248326(accn)
- These gene sequence are also accepted by: DNA data bank of Japan and EMBL-EUROPE gene bank.

**3.1.15 Are students encouraged to conduct any experimental research in Yoga and / or Naturopathy?**

Steps have been initiated recently to undertake research in Yoga, medicines, Ayurveda and other alternative systems of medicine.



### 3.2 Resource Mobilization for Research

**3.2.1** *How many departments of the institution have been recognized for their research activities by national / international agencies (ICMR, DST, DBT, WHO, UNESCO, AYUSH, CSIR, AICTE, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthroughs achieved by this recognition.*

- All the departments of Constituent Units of PIMS-DU are allowed to get funds for research from national bodies. However, being a self financing institution, there is lesser preference and scope.
- However faculty members are encouraged to undertake university sponsored projects, using all the faculties and resources free of cost. (A project on Molecular profiling and Immunophenotyping of cysts and tumours by Dr Atul Deshmukh Faculty from Oral Pathology got selected for extramural funding worth Rs. 200 lakh from ICMR for the year 2013-14. However it could not be materialized)
- UG-PG ICMR-STS Projects – 36

**3.2.2** *Provide the following details of ongoing research projects of faculty:*

Sn	Insts.	2010-2011		2011-2012		2012-2013		2013-2014		2014-2015	
		O	C	O	C	O	C	O	C	O	C
1	RMC	146	68	108	87	204	66	206	67	197	12
2	RDC	43	02	51	35	14	18	43	34	40	11
3	CON	28	33	15	28	18	18	19	17	18	00
4	CSM	07	16	00	15	00	00	11	10	08	00
5	CPT	00	00	28	00	00	00	20	14	05	12
6	CBT	06	06	07	15	00	00	00	03	04	00
<b>TOT.</b>		<b>230</b>	<b>125</b>	<b>209</b>	<b>180</b>	<b>236</b>	<b>102</b>	<b>299</b>	<b>145</b>	<b>272</b>	<b>35</b>

**O= ongoing , C= completed, 1276 ongoing + 587 completed = 1836**

- All sponsored by university
- All their projects are approved and cleared by IEC & TME.
- PIMS-DU provides all faculties, rare chemicals, LR, IT. Seed money & support.

Summary of Clinical Trials		
International	National	Total
4 (Rs. 227 Lakhs)	10 (Rs. 51.76 Lakhs)	14 (Rs. 280 Lakhs)
Collaborative Research		
4 (Rs. 885 Lakhs)	15 (361.19 Lakhs)	19 (Rs. 1246 Lakhs)
<b>PIMS-DU has funded 5 projects (19.9 Lakhs)</b>		

**3.2.3** *Does the institution have an Intellectual Property Rights (IPR) Cell?*

It has been functioning as a unit of IQAC and monitoring by Research Directorate.  
It is functioning effectively by motivating the faculty to file the patent.



**3.2.4 Has the institution taken any special efforts to encourage its faculty to file for patents? If so, how many have been registered and accepted**

Sr. no	Title of the Patent filed	Name of the applicant	Date of filing	Publication Date
1	Radioprotective effects of PRA-5, polyherbal formulation following whole body exposure to gamma radiations in mice.	Dr. Suresh Jangle ApplNo.3369/MUM/2011	30/11/11	9/3/12
2	Nomogram of peak systolic velocities of middle cerebral arteries and classification of these waves in Indian obstetric population	Dr. Sushil Kachewar Appl.No.3032/MUM/2011	27/10/11	23/12/11
3	Periopick Diagnostic Toothpick	Dr. Rajiv Saini ApplNo.201621011566	01/04/16	13/5/16

**Special efforts towards patents:** IQAC unit promotes activities related to IPR through lectures by experts. Expert opinion and suggestion are incorporated during proposal making of any patent.

**3.2.5 Does the institution have any projects sponsored by the industry / corporate houses? If yes, give details such as the name of the project, funding agency and grants received.**

14 clinical trials as collaborative research have been undertaken (10 national and 4 international) (Amount generated is Rs. 227.44 lakhs + 51.76 Lakhs total 279.20 Lakhs) Details given at 3.2.6

Collaborative Projects at Centre for Social Medicine		
International Level	Completed 4 Projects	Rs. 885.12 Lakhs
National Level	Completed 9 projects	Rs. 121.98 Lakhs
	Ongoing 6 projects	Rs. 239.21 Lakhs
University Level	Completed 1 project	Rs. 100.37 Lakhs
	Ongoing 4 projects	Rs. 19.48 Lakhs
<b>Total</b>	<b>24 Projects</b>	<b>Rs. 1266.16 Lakh</b>

**3.2.6 List details of Research projects completed and grants received during the last four years (funded by National/International agencies).**

Sr No	Project	Upto 2011	2011 2012	2012 2013	2013 2014	2014 2015
1.	Clinical Trials (10 National + 4 International)	-	10	00	02	02
2.	Project Supported by University	355	147	125	185	143
3.	Students Projects (UG & PG)	89	266	207	250	159
4.	ICMR Funded Students Projects	09	04	05	12	06

Collaborative Research: Clinical Trials (10+4= 14; 227.44+ 51.76= Rs. 279.20 Lakhs)



**A) INTERNATIONAL (4) (Rs. 227.44 Lakh)**

Sr. No.	TITLE	In Association /Collaboration / Funding details	CTRI Registration No	Budget
1.	A randomized, double-blind, placebo-controlled study to evaluate the long-term safety and efficacy of darbepoetin alfa administered at 500 ug once-every-3-weeks in anemic subjects with advanced stage non-small cell lung cancer receiving multi-cycle chemotherapy	Amgen Incorporation (USA)	CTRI/2009/091/000800	102.76 Lacs
2.	A randomized, multicenter, open-label, phase 3 study to compare the efficacy and safety of panitumumab and cetuximab in subjects with previously treated, wild-type k ras, metastatic colorectal cancer	Amgen Incorporation (USA)	CTRI/2010/091/000277	26.68 Lacs
3.	A randomized, double-blind, placebo-controlled, multi-center phase 3 study of denosumab as adjuvant treatment for women with early-stage breast cancer at high risk of recurrence (D-CARE)	Amgen Incorporation (USA)	CTRI/2010/091/001297	92.5 Lakhs
4.	A multicenter, randomized, double-blind, placebo-controlled study of AGM 785 in skeletally mature adults with a fresh unilateral tibial diaphyseal fractures status post definitive fracture fixation with intramedullary nail.	Amgen Incorporation (USA)	CTRI/2009/091/001044	5.50 Lakhs

**B) NATIONAL (10) (Rs. 51.76 Lakh)**

Sr. No.	Research title	In association / collaboration/ Funding details	CTRI Registration No	Budget
1.	Efficacy and safety of hydroxychloroquine in the treatment of type 2 diabetes mellitus : A double blind, Randomized comparison with pioglitazone	IPCA Mumbai, India	CTRI/2009/091/001036	1,00,000
2.	Comparative Evaluation of efficacy and safety of fixed dose combination of Tramadol – Paracetamol and Tramadol alone in patients with post operative Orthopedic pain	IPCA Mumbai, India	-	1,00,000
3.	A Randomized, Open label, Active controlled, Phase II/III Clinical study to Assess the safety and immunogenicity of SIIL's purified Vero Cell Rabies Vaccine (PVRV) in Patients with Potential Rabies Exposure	Serum Institute, Pune	CTRI/2012/11/003135	2,04,000
4.	Prospective, multi-centric, open label, two arm, parallel group, active control, randomized, comparative clinical study to evaluate efficacy and safety of R-TPR-029/Neulasta®(Neulastim®) when given subcutaneously in patients with Chemotherapy Induced Neutropenia, (Protocol No: RLS/TP/2011/01	Reliance Life Sciences	CTRI/2015/03/005607	7,62,125





5.	A phase IV, Multi-centric clinical trial to systematically evaluate safety, reactogenicity and tolerability of trivalent, Live attenuated seasonal influenza vaccine of SIIL in large population	Serum Institute, Pune	CTRI/2015/08/006074	11,00,000
6.	A Multicenter prospective community-based surveillance to estimate the burden of rotavirus gastroenteritis in children ≤ 24 months of age in India.	Shantha Biotechnics Pvt. Ltd, Hyderabad	NA	16,24,000
7.	A Safety and Efficacy Recombinant Human Granulocyte-colony Stimulating Factor rhGCSF (ReliGrast tm or Neupogen (R) in Patients with Chemotherapy Induced Neutropenia	GenMedix, Ireland, in association with Reliance Life Sciences, Mumbai	-	2.71
8.	Study of acceptability and efficacy of Female condoms a community trial	Cupid India	NA	3.01
9.	To study the safety and efficacy of ReliDerm (R)DT in patients with chronic diabetic foot ulcer	Reliance Life Sciences, Mumbai	CTRI/2009/091/000513	2.21
10.	To study the safety and efficacy of R-HSC-001 in patients with spinal cord injury	Reliance Life Sciences, Mumbai	CTRI/2009/091/000613	4.93

**C) Faculty ICMR Project:**

Sr No	Research Title	In association / collaboration/ Funding details	Sanctioned Budget
1	Molecular profiling and Immunophenotyping of cysts and tumours by Dr Atul Deshmukh Faculty from Oral Pathology	ICMR	Rs. 200 lakh

**D) Collaborative projects Ongoing and completed by Center for Social Medicine:**

No. Project Funded by	No. of ongoing projects (a)	No. Completed Projects (b)	Total Projects (a+b)	Funds received in lakhs		
				Total	For (a)	For (b)
International agenesis	-	4	4	00	885.12	885.12
National agenesis	6	9	15	239.21	121.98	361.19
University and Dept.	4	1	5	19.48	0.375	19.855
<b>Total</b>	<b>10</b>	<b>14</b>	<b>24</b>	<b>258.69</b>	<b>1007.475</b>	<b>1266.165</b>

**3.2.7 What are the financial provisions made in the institution budget for supporting students' research projects?**

The institution provides research equipment and materials required for student research projects. Special budgetary provisions are made for the same based on the need and requisition. The students are given freedom to utilize all the research facilities and consumables to carry out their research projects under the guidance of research guides. The students in receipt of ICMR-STs projects are given advance grants to begin the research work in anticipation of the receipt of research grants.



### **3.3 Research Facilities**

**3.3.1** *What efforts have been made by the institution to improve its infrastructure requirements to facilitate research? What strategies have been evolved to meet the needs of researchers in emerging disciplines?*

#### **Improvements in infrastructure to facilitate research**

- Newly setup state of art facilities for central clinical laboratory; pathology lab
- Pneumatic shoot facility
- Advanced Central research Facility as Central Research lab
- Departmental Research laboratories are set up; clinical research, facilities at PRH
- Mobile health clinics and camps for the community based research

#### **Strategies have been evolved to meet the needs of researchers in emerging disciplines:**

- Molecular Biology lab with PCR facilities and kits for DNA isolation for Genetic studies
- Availability of facilities for Nanomedicine and nano technology related research
- Facilities at CCL, Radiodiagnosis, Radiation therapy and oncology
- Facilities in the Department of Pathology, Biochemistry and Microbiology

**3.3.2** *Does the institution have an Advanced Central Research facility? If yes, have the facilities been made available to research scholars? What is the funding allocated to the facility? Yes*

- **Central Research Laboratory:** Molecular Biology Lab : PCR, Spectrophotometer, Cell Hybridizer, Gel Doc system, Tissue Culture laboratory : Animal and Plant
- CPCSEA registered ARCMR (Animal House)
- Central Clinical Laboratory : Biochemistry (CMC, Vellore accredited), Microbiology, Pathology (AIIMS , New Delhi accredited)
- Digital Slide Scanner at pathology

**3.3.3** *Does the institution have a Drug Information Centre to cater to the needs of researchers? If yes, provide details of the facility.*

The institution has a Pharmacovigilance Centre under the control of the department of Pharmacology. The University has been conducting various activities to spread the awareness of ADR reporting among Health Care Professionals.

**3.3.4** *Does the institution provide residential facilities (with computer and internet facilities) for research scholars, post-doctoral fellows, research associates, summer fellows of various academies and visiting scientists (national/international)?*

Yes. The institutions of the University provide residential facilities (with computer and internet facilities) for research scholars, research associates and visiting scientists. The



Universities guest houses and hostels are available for research scholars, research associates and scientists. University have separate hostel for NRI Students and two guest houses in the campus.

**3.3.5 Does the institution have centres of national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.**

**Center of Biotechnology / Oncology and Oncotherapy Department/ CCL:**

A wide range of research projects are being carried out at Centre for Biotechnology focusing on areas such as molecular biology, food microbiology, herbal extracts, nanoparticles, microbial bio-film production, virology, microbial technology, molecular docking etc. The institute is also serving as central research facilities for researcher's of constituent units of other university. Institute provides infrastructure for a particular project as well as gives expertise guidance on the projects. Since last five years 7 PG and 6 Ph. D students have utilized facilities available at Centre for Biotechnology. The institute also facilitates research projects for outside students/researcher. A total of 10 students from College of Agriculture Biotechnology, Loni, have been trained and their research projects have been completed.

**List of students from College of Agricultural Biotechnology (Annexure: 3.9)**

**Center for Social Medicine:** The PIMS – DU and Centre for Social Medicine have been empanelled for Public Health Research, Extension and Training with National and International Agencies like National Health Systems Resource Centre (NHSRC), Government of India, Mumbai, State Health Systems Resource Centre (SHSRC), Government of Maharashtra, Pune, National AIDS Control Organization (NACO), New Delhi and Maharashtra State AIDS Control Society (MSACS), Mumbai, National Health Mission, Govt. of Maharashtra, IE3 Global Internship Program of Oregon and Portland State University System, USA, Pathfinder International, USA etc.

A number of research, extension and training projects and programs at State Level have been implemented by PIMS and CSM in collaboration with the aforementioned organizations for the last 5 years (2011 – 2016). The faculty and students of all the Constituent Units of PIMS viz. Rural Medical College, Rural Dental College, College of Physiotherapy, College of Nursing have actively participated as Resource Persons, Principal Investigator, Co-investigator or Research Associates and Field Investigators in executing the research, extension & training projects.

**3.3.6 Clinical trials and research**

**\* Are all the clinical trials registered with CTRI (Clinical Trials Research of India)?**

All the clinical trials are registered with CTRI as mentioned above with The CTRI number in point no. 3.2.6

**\* List a few major clinical trials conducted with their outcomes.**

Two national competitive clinical trials conducted at Dept of Paediatrics (Influenza vaccine study) and PSM (Rotavirus surveillance study) had enrolled highest number of the patients across the country with 214 & 23 patients respectively



**Startup Activities of Clinical trials**

**List of new Clinical trials with Feasibility completed**

Sr. No.	Indication	Name of the PI & Dept.	Sponsor	Date
1	Acne Vulgaris	Dr Anup Vaidya skin & VD	Bilnded Feasibility	29/4/14
2	DM (Type-2)	Dr Amol Hartalkar Medicine	Bilnded Feasibility	02/05/14
3	Ovarian Cancer	Dr K K Singh Oncology	Cliantha Research	13/10/14
4	Chemotherapy Induced Neutropenia	Dr K K Singh Oncology	Reliance life sciences	28/7/14
5	FDC Study-Vaginitis	Dr V B Bangal Gynecology	Sun Pharma	13/1/15
6	Carcinoma Cervix	Dr K K Singh Oncology	Cliantha Research	21/7/14
7	Dislipidimia	Dr Amol Hartalkar Medicine	Pfizer	10/7/14
8	Scizophrenia&Bipolar Disorders	Dr.Suprakash Chaudhary Psychiatry	Bilnded Feasibility	22/1/15
9	Ovarian Cancer	Dr Bhushan Nikam Oncology	Sun Pharma	15/1/16

**Clinical Trials in Pipeline**

Indication	Name of the PI	Date of Investigator Undertaking	Sponsor
Vaginitis	Dr Bangal Gynecology	13/1/15	Sun Pharma
Hyperlipidimia	DrAmol Hartalkar	17/2/15	Sun Pharma
Hyperlipidimia	DrAmol Hartalkar, Medicine	27/2/15	Zydus Cadilla
Migraine	Dr Amol Hartalkar	17/2/15	Sun Pharma
Essential Hypertension	Dr Amol Hartalkar	17/2/15	Sun Pharma
Ovarian Cancer	Dr Bhushan Nikam	15/1/16	Sun Pharma

**3.4 Research Publications and Awards**

**3.4.1** *Does the institution publish any research journal(s)? If yes, indicate the composition of the editorial board, editorial policies and state whether it/they is/are listed in any international database.*



The university publishes Research Journal: **Pravara Medical Review**

**Type:** Multispecialty healthcare, peer reviewed biomedical Journal,

**Publications:** Quarterly published: March, June, September, December

**Indexing status:** Google scholar, Index Copernicus, Journal seek, Open J Gate, DOAJ, CABI, Ulrich International Periodical Directory, Index journal.net

PISSN : 0975-0533 , E ISSN : 0976-0164

Details are given in the annexure



**3.4.2 Give details of publications by the faculty and students:**

- \* **Number of papers published in peer reviewed journals (national / international)**

International Vs National in Journal Publications Journal Publications across Years 1299 (707 International + 592 National)

- \* **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, EBSCO host, Google scholar, etc.)**

PIMS - Paper Publication Summary						
Description	2011	2012	2013	2014	2015	Total
International Publications	161	123	161	150	112	707
National, State, Local Journal Publications	77	154	162	144	55	592

Description	No of Journal Publications (2012-2015)	No of Journal Publications (2003-2015)
Input	586	1,120
Scopus	271	548
WOS	41	120
PUBMED	208	379
Google Scholar	918	1,422
Indian Citation Index (ICI)	204	-
Total	1,061	1,909

**Data of Indexed Publications:**

	2012	2013	2014	2015
<b>Total</b>	277	323	294	167
<b>Indexed</b>	246	297	254	150

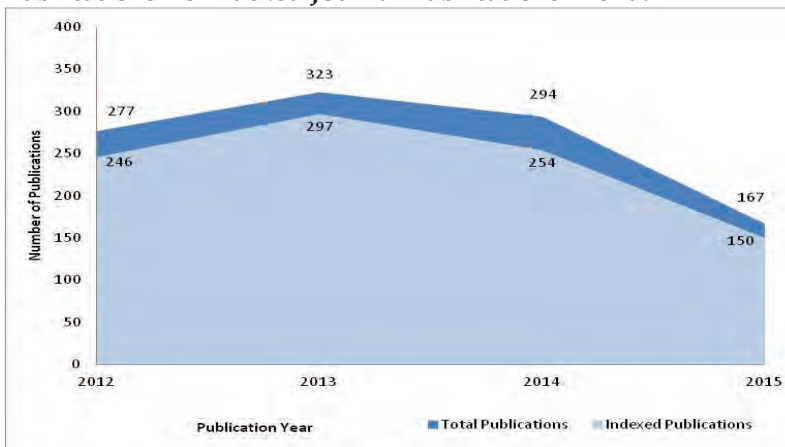
**Publication trend databases:**

	2012	2013	2014	2015
<b>Scopus</b>	84	78	67	42
<b>WOS</b>	20	09	08	04
<b>PubMed</b>	56	66	57	29
<b>GS</b>	237	292	248	141
<b>ICI</b>	70	57	56	21

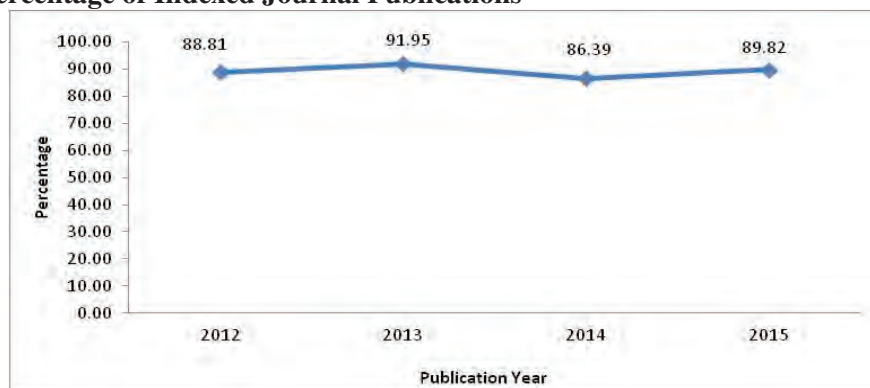




**Total Publications Vs Indexed Journal Publications Trend:**



**Percentage of Indexed Journal Publications**



**PIMS University Publications Trend for Indexed Databases**

<i>PIMS University Publications Trend for Indexed Databases</i>	
<i>Published in Any One Indexed Databases</i>	947
<i>Published in Any Two Indexed Databases</i>	407
<i>Published in Any Three Indexed Databases</i>	206
<i>Published in Any Four Indexed Databases</i>	74
<i>Published in All Five Indexed Databases</i>	8



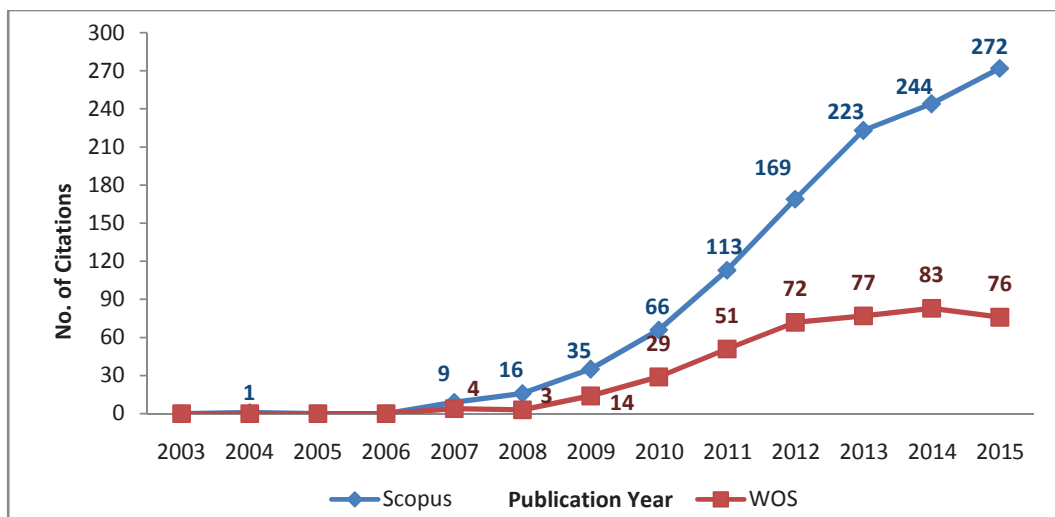
SCOPUS	WOS	37	SCOPUS	WOS	PUBMED	31
SCOPUS	SCHOLAR	246	SCOPUS	WOS	SCHOLAR	36
SCOPUS	PUBMED	124	SCOPUS	WOS	ICI	11
WOS	SCHOLAR	40	SCOPUS	PUBMED	SCHOLAR	122
WOS	PUBMED	32	SCOPUS	PUBMED	ICI	49
SCHOLAR	PUBMED	204	SCOPUS	SCHOLAR	ICI	98
ICI	WOS	11	WOS	PUBMED	SCHOLAR	31
ICI	SCHOLAR	186	WOS	PUBMED	ICI	8
ICI	PUBMED	79	WOS	SCHOLAR	ICI	11
ICI	SCOPUS	114	PUBMED	SCHOLAR	ICI	79
SCOPUS	WOS	SCHOLAR	PUBMED	30		
SCOPUS	WOS	SCHOLAR	ICI	11		
SCOPUS	WOS	PUBMED	ICI	8		
SCOPUS	SCHOLAR	PUBMED	ICI	49		
WOS	SCHOLAR	PUBMED	ICI	8		

\* Citation Index – range / average : CI= 17.29

Description	WOS (CCW)	SCOPUS (CCS)	Scholar (CCG)	Indian Citation Index (CCI)
No. of Citations	8	99	636	6



**Citation Trend Analysis across Years (2003-2015)**



\* List of some publication with most (3-7) number of citation in PUBMED in **annexure 3.13**

\* **Impact Factor – range / average**

PIMS - WOS Indexed Publications				
Impact factor	2012	2013	2014	2015
Nil	1	-	1	-
If < 1	3	4	1	-
1 ≥ If < 2	8	2	4	2
2 ≥ if < 5	8	3	2	2
If ≥ 5	-	-	-	-

\* **Source Normalized Impact per Paper (SNIP)**

PIMS - Scopus Indexed Publications				
SNIP	2012	2013	2014	2015
Nil	23	2	-	2
If < 0.5	36	49	38	22
0.5 ≥ if < 1	16	24	27	15
1 ≥ if < 5	9	3	2	3
If ≥ 5	-	-	-	-

\* **h-index**

Overall Citations and h-index			
Databases	No of Publications	No of Citations	h-index
SCOPUS	548	1,153	15
WOS	120	410	11
GOOGLE SCHOLAR	1,419	2,506	20



**3.4.3 Does the institution publish any reports/compilations/clinical round-ups as a part of clinical research to enrich knowledge, skills and attitudes?**

- **Publication analysis Report 2003 to 2012**
- **Publication analysis Report 2012 to 2016**
- **Compendium of research**



**\* Monographs:**

20 Faculty have published 11 books

3 faculty have contributed chapters in Edited books.

11 Faculty have published monographs

CSM has published more than 150 books / booklets / monographs, training manuals related to public health/ social medicine.

RMC, Dr S N Jangale and Dr Preeti Padmanabhan: 1 monographs each

Chapters in Books: Dr. T. Sivabalan has written **two chapters**

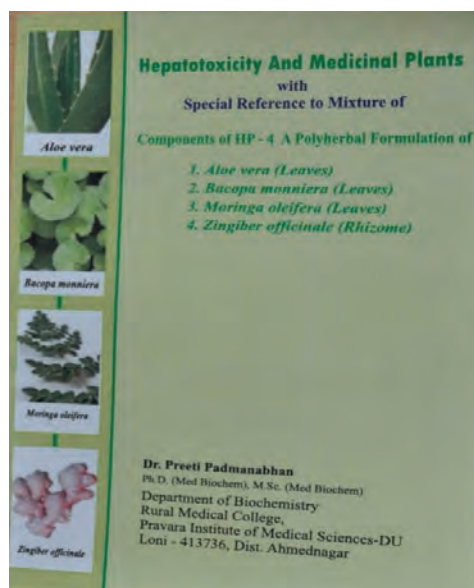
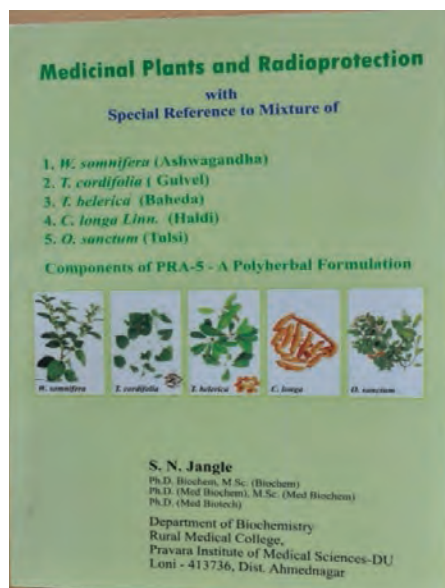
a) Preventive strategies of cancer

b) Preventive strategies of Alzheimer's disease

Text book titled – **Preventive Strategies of Communicable Diseases**

Publisher: NRSI organization

Faculty of departments also contributed chapters in the edited books. They also written books and booklets for the benifite of the students . The details are given in the respective DERs.



**3.4.4 Give details of**

- \* *faculty serving on the editorial boards of national and international journals*
- \* *faculty serving as members of steering committees of national and international conferences recognized by reputed organizations / societies*

Faculty of PIMS-DU have served as editors on editorial board and as peer reviewer

**Data as follows:**

As	National	International	Total
Editors	05	01	<b>06</b>
On Editorial Board	20	09	<b>29</b>
Peer Reviewer	29	06	<b>35</b>

**Few Illustrations:**

- \* Dr Rahul Kunkulol : Executive editor , IJMRHS

Editorial Board Membership of Dr. S. N. Jangle	
1.	<b>Advisory Editor:</b> International Journal of applied Sciences and Biotechnology
2.	<b>Advisory Editor:</b> Journal of Medical Sciences and Technology
3.	<b>Advisory Editor:</b> International Journal of Medical Research Review and
4.	<b>Advisory Board:</b> International Journal of Clinical Biochemistry and Research





<b>5.</b>	<p><b>Member – Editorial Board:</b>  International Research Journal of Pharmacy  International Journal of Innovation in Pharmaceutical Sciences  International Journal of Medical Research and Health Sciences  Indian Journal of Research in Pharmacy and Biotechnology  World Journal of Pharmacy and Pharmaceutical Sciences  Internet Journal of Medical Update  Asian journal of Medical and Pharmaceutical Sciences</p>
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**College of Nnursing:**

- Dr. T. Sivabalan is editorial board member in International Journal of Nursing education (IJNE) and Indian Journal of Surgical Nursing (IJSN)
- Mrs. G. Vimala is scientific committee member in International Journal of Psychiatric Nursing (IJPN)
- Mrs. Meenal A Rane is peer reviewer of Terna Medical College Journal.

***Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals of Constituent Units:***

		<b>Total No. of Faculty</b>	Internatio nal Level	National Level	State Level	Others level
<b>CON</b>	EB	<b>2</b>	--	2	--	--
	Peer Reviewer	<b>1</b>	--		1	--
<b>COPT</b>	EB	<b>15</b>	07	08	--	02
	Peer Reviewer	<b>04</b>	03	1	--	--
<b>RDC</b>	Editor	<b>1</b>	1	-	1	--
	EB	<b>08</b>	1	7	--	--
	Peer Reviewer	<b>20</b>	11	6	3	--
<b>RMC</b>	Editor	<b>7</b>	3	1	--	3
	EB	<b>8</b>	2	4	-	2
	Peer Reviewer	<b>16</b>	5	9	1	1

**3.4.5 Provide details for the last four years**

\* *Research Awards/recognitions received at the national and international level*

**Institutional Awards:**

National awards as “Best Institution for Provide Services to Senior Citizens and Awareness Generation” on October 1, 2015, conferred by Hon’ble President of India Shri Pranab Mukherjee at Vidhan Bhavan, New Delhi.

National Award as Best Institutions for Promoting Physically challenged Employees” by All India Association of Physically Challenged in 2015

Best Appreciation Certificate from Pathfinder International USA for successful and excellence implementation of MUKTHA Project in Maharashtra, in 2012.



Department of Public health Dentistry of RDC has received appreciation from IDA. Mumbai of NOAH Programme “Bright Smiles and Bright futures”

Name of the Dept	a) Research Awards/recognitions received at the national and international level (5 Years data) Annexure VIII								
	Received by	No. of Awards				Recognitions			
		International	National	State/University	Total	International	National	State/University	Total
CBT	Faculty	-	1	2	3	-	-	-	6
	Student UG	-	-	-	-	-	-	-	-
	Student PG/ Ph.D	-	-	-	-	-	-	-	-
	<b>Total</b>	-	1	2	3	-	-	-	6
CON	Faculty	--	6	6	--	--	--		12
	Student UG	--	--	--	--	--	--		--
	Student PG / PhD	--	1	1	--	1	1	1	04
	<b>Total</b>	--	7	7	--	1	1	1	17
COPT	Faculty	3	4	1	07	-	-	-	15
	Student UG	-	-	-	-	-	-	-	-
	Student PG / PhD	-	-	-	-	-	-	-	-
	<b>Total</b>	03	04	01	07	-	-	-	15
RDC	Faculty	01	10	02	-	-	-	-	-
	Student UG	-	02	10	-	-	-	-	-
	Student PG/ Ph.D	03	27	11	41	-	-	-	-
	<b>Total</b>	04	39	23	41	-	-	-	-
RMC	Faculty	1	6	1	-	-	-	-	-
	Student UG	-	26	5	-	-	-	-	-
	Student PG/ Ph.D	1	6	6	-	-	-	-	-
	<b>Total</b>	02	38	12	-	-	-	-	-

**\* Research awards received by the students :**

**Anvenshan 2012: State Level Research Competition:**

Sr.no	Name	Dept.	Title of Project
1	Ms Anerao Urja Mahesh	College of Physiotherapy	Cardiovascular responses during deep water running versus shallow water running in school children
2	Ms Aishwarya Umesh Chavan	Rural Medical College	Comparative efficacy and tolerability of Paracetamol and Mefenamic acid as antipyretic in paediatric Patients
3	Pankaj Nehe	College of Nursing	Effectiveness of Psychoeducation on Behavioural problems....

**• National Conference ASICON 2012 :**

Dr. Vaibhav Kapoor, Resident, Department of Surgery, Rural Medical College, PIMS – DU Loni won the 1st prize in BEST STATE CHAPTER PAPER SESSION at National Conference ASICON 2012 held at Kolkata.



**National Research Awards (Students) – 2015**

PLEXUS 2015				
NATIONAL CONFERENCE ORGANIZED BY MGM AURANGABAD				
Sr.no	Names of the Students	Batch / Year	Event	Prize won
Paper presentation				
1.	Payal Gundewar	III/II	Social and obstetric risk factors associated with depression in pregnancy. Guide : Dr Suprakash Chaudhary Professor & HOD Dept. of Psychiatry	1 <sup>st</sup> Prize
2.	Amit Pandey	II/III	To study the prevalence of cyber pornography addiction amongst medical students. Guide : Dr Rahul Kunkulol, Professor Pharmacology	III <sup>rd</sup> prize
CONFLUENCE 2015 National conference organized by Seth G.S. Medical College, Mumbai.				
Paper Presentation				
1.	Amit Pandey	II/III MBBS	To study the prevalence of addiction amongst medical students.	III <sup>rd</sup> Prize

• **AVISHKAR 2012: State Level Research Competition**

Dr Sushil Kachewar Professor Department of Radiology Rural Medical College, PIMS – DU Loni. secured 1<sup>st</sup> rank in Primary round of AVISHKAR 2012 held on 27<sup>th</sup> December 2012 organized by at Maharashtra University of Health Sciences, Nashik, “Best Teacher in overall Teachers as well as Medical and Pharmacy Teachers category for PhD Project” – *Fetal middle Cerebral artery Doppler*.

- Dr V B Bangal, Professor Department of Obstetrics & Gynaecology, Rural Medical College, PIMS – DU Loni have received “International Travel Grant” under the category of Non ICMR scientist for attending International Conference in China as invited speaker

**College of Nursing: Faculty Award**

Sr. no	Name of the faculty	Award	Year	Place
1	Dr. T. Sivabalan	Best paper	2011	National Conference on Emerging Challenges in Nursing, PIMS, Loni.
2	Ms. Heera Jaysheela	Best paper	2011	National Conference on Emerging Challenges in Nursing, PIMS, Loni.
3	Mrs. Bharti Weljale	Best Paper	2011	National Conference on Emerging Challenges in Nursing, PIMS, Loni.
4.	Mr. Rajendra Lamkhede	Best Poster	2011	National Conference on Emerging Challenges in Nursing, PIMS, Loni.
6	Mrs. Kalpana Kale	Best Poster	2011	National Conference on Emerging Challenges in Nursing, PIMS, Loni.

\* *National and international recognition received by the faculty from reputed professional bodies and agencies*

Sr.no	FAIMER FELLOWS	Department
1	Dr K N Dandekar	Surgery
2	Dr Amol Hartalkar	Medicine
3	Dr D B Phalke	PSM



4	Dr Gokul Jorwekar	Surgery
5	Dr V B Bangal	Obs.and Gyn.
<b>FIME FELLOWSHIP</b>		
1	Dr Baviskar P.B	Surgery
2	Dr Shaikh	Surgery
3	Dr V B Bangal	Obs.and Gyn.
4	Dr D B Phalke	PSM
5	Dr M C Tayde	Physiology
<b>Faculty member with 3 PhD</b>		
1	Dr S N Jangle	Biochemistry Ph D Details : 1. PIMS- DU, Loni 2. Pune University 3. BAMU , Aurangabad

**List of faculty members with DNB qualification**

Sr. No	Name	Designation	Department
1.	Dr. (Ms) Kadam V.P.	Asst. Professor	Medicine
2.	Dr. Sinare B.R.	Asst. Professor	Medicine
3.	Dr. Gite S.S.	Asst. Professor	Medicine
4.	Dr. Patil A.S.	SR	Medicine
5.	Dr. Nigwekar P. V.	Professor	Pediatrics
6.	Dr. Deore S.K.	SR	Surgery
7.	Dr. Badhe K.R.	SR	Surgery
8.	Dr. Poday A.C.	SR	ENT
9.	Dr. Shelke S.A.	SR	ENT
10.	Dr. Bangal V. B.	Professor & Head	Obstetrics and Gynecology
11.	Dr. (Ms) Kanotra S.K.	Assoc. Professor	Obstetrics and Gynecology
12.	Dr. Kharde P.S.	Assoc. Professor	Obstetrics and Gynecology
13.	Dr. Gavhane S.P.	Asst. Professor	Obstetrics and Gynecology
14.	Dr. Bharadiya J. J.	SR	Obstetrics and Gynecology
15.	Dr. Raut M.B.	SR	Obstetrics and Gynecology

***Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data)***

Name of the Dept	Inter-national level	National Level	State Level	Others	Total
CBT	-	-	-	-	10
CON		2	4	9	15
COPT	-	-	-	10	10
CSM		04	01	04	09
RDC	1	8	8	09	26
RMC	2	8	4	54	68



**Recognition to Faculty (Fellowship, Membership, Honour, any other) (5 Years data)**

		Total No. of Faculty	International level	National level	State level	Others level
CON	Membership	4	--	1	2	1
RDC	Fellowship	15	1	5	3	6
	Members	37	2	31	1	3
RMC	Fellowship	06	1	5	--	--
	Members	51	3	38	8	2
1. Mrs. Sangita Vikhe – Member		Indian Nursing Council, New Delhi				
1. Mrs. Meenal A. Rane – Memembr		Maharashtra Nursing Council, Mumbai				
2. Mrs. Sangita Vikhe – Member		Maharashtra Nursing Council, Mumbai				

**3.4.6 Indicate the average number of post graduate and doctoral scholars guided by each faculty during the last four years.**

Category	Number of Guides					Number of Students					Ratio
	RMC	RDC	COPT	CON	Total	RMC	RDC	COPT	CON	Total	
Post Graduate	82	26	6	7	121	183	58	16	45	302	1:2.5
Ph D (in last four years)	34					73					1:2.1

**3.4.7 What is the official policy of the institution to check malpractices and plagiarism in research? Mention the number of plagiarism cases reported and action taken.**

- Anti Plagiarism certificate for all the Ph.D. scholar is compulsory at the time of the submission of the thesis for PhD defense (viva-voce)
- The PhD scholar has to submit the soft copy of the thesis in PDF format for the verification to the Directorate of Research office.
- Directorate of Research office check for the plagiarism through free software available on the net (Plagiarism.net) and certify the dissertation with **Percentage** of Plagiarism. University accepts Thesis, dissertation or publications with maximum 12% Plagiarism.
- A *Web Ex* meeting for all the faculty was organized on 22/4/2016 for demonstration of URKUND software
- University is in the process of purchase of the URKUND software of antiplagiarism
- University also reports all the thesis and dissertations by uploading it with “*Shodhaganga and Shodhgangotri*” databases of UGC

ANTI-PLAGIARISM POLICY have been formulated in August 2015 (Annexure 3.10)

**3.4.8 Does the institution promote multi/interdisciplinary research? If yes, how many such research projects have been undertaken and mention the number of departments involved in such endeavors?**

Following number of research projects are ongoing in 2015 in following institutes as the multi/ interdisciplinary research. All these projects are carried out in various departments.

- Center for Social Medicine – 18projects
- College of Nursing – 08 projects
- Center for Biotechnology – 04 projects





**3.4.9 Has the university instituted any research awards? If yes, list the awards.**

To inculcate and promote research aptitude amongst the Undergraduate and Postgraduate students, and faculty of PIMS-DU, University instituted various research awards and Schemes through its notification no.7. The aim behind instituting such awards was to felicitate the quality research work and research publications done by the stakeholders of PIMS-DU.

- Chancellor's Rolling Research Trophy for best research paper by the faculty
- Young Budding research award

**3.4.10 What are the incentives given to the faculty and students for receiving state, national and international recognition for research contributions?**

**Research Incentive Scheme (RIS) cash award and additional increments according to university notification & enclosed herewith (Notification 7)**

Year	Publications	International	National	University	Total	Total Amount
2012	Original Article	25	05	01	31	165500
	Review Article	04	01	--	05	22000
	<b>Total</b>	<b>29</b>	<b>6</b>	<b>01</b>	<b>36</b>	<b>187500</b>
2013	Original Article	40	04	--	44	252000
	Review Article	10	00	--	10	50000
	<b>Total</b>	<b>50</b>	<b>04</b>	<b>--</b>	<b>54</b>	<b>302000</b>
2014	Original Article	30	06	--	36	198000
	Review Article	06	04	--	10	38000
	<b>Total</b>	<b>36</b>	<b>10</b>	<b>--</b>	<b>40</b>	<b>236000</b>
2015	Original Article	23	01	--	24	143000
	Review Article	06	01	02	09	32800
	<b>Total</b>	<b>29</b>	<b>02</b>	<b>02</b>	<b>33</b>	<b>175800</b>

**3.4.11 Give details of the postgraduate and research guides of the institution during the last five years**

- Detail List of Post graduate guide and research/Ph.D. guides attached in **Annexure 3.12**
- Number of available guides is tabulated above in point no. 3.4.6

**3.5 Consultancy**

**3.5.1 What are the official policy/rules of the institution for structured consultancy? List a few important consultancies undertaken by the institution during the last four years.**

- PIMS-DU being a health professional university has good number of experienced senior faculty members. Their expertise in professional area is used by the neighborhood health care institutions as consultants.
- Their expertise is also used by the agencies and organizations – central government, state government, trust, society, NGO, institutions in formulating their projects, executing their



projects evaluation of the projects and their reports (Health missions of state or central government or trusts). Our faculty provide their experts consultancy to these agencies in various capacities (Chairman and members or expert of the committees). They do this exercise as a social responsibility and a national duty. Hence they do not receive any consultancy fees or royalties, but nominal honorarium, TA-DA. Institute provide OOD facility for the same.

- Select faculties have undertaken clinical trials, a type of consultancy work cum collaborative research. So far 14 clinical trials have been completed (10 national and 4 international), the project fund was Rs. 279.20 lakhs. (Details given at 3.2 & 3.3)
- Centre for Social Medicine of Pravara Institute of Medical Sciences (Deemed University) provide consultancy to NGO's & SGO's as training experts and facilitators to train the personnel of the SGO's/NGO's to execute the project in the field (Doctors, Nurses, PT, MSW, Clinical Psychologist). It has generated around Rs. 50 lakhs for its expertise work with SGO's & NGO's Jamunalal Bajaj Foundation, Pune, NRHM, NACO.
- The faculty of COPT have offered expert honorary consultancy to the Institutions / firms to establish fitness centre, PT OPD. PT Clinic, SPA, sports Academy, Old age home, Special schools.
- The faculty of College of Nursing also offer honorary consultancy to NGO's & SGO's while training ASHA workers, Anganwadi workers. They also offer consultancy to Geriatric homes, special schools and families of patients who are critically ill. They also provide expertise in establishing Nursing schools & colleges.
- The faculty of Rural Dental College offer their expertise consultancy to industries involved in production of tooth paste, mouth washes, implant production, oral prosthetics material for orthodontics practice, and production of dental practice related materials. Faculty also provide expert consultancy on drug design, diagnostic kits, appliances and instrumentation.
- Policy formulation for paid consultancy in health professional institution is still emerging. The institution is keen to adopt a policy with a national and global perspective.
- The existing policy is befitting to the vision of the founder of Pravara movement

### ***3.5.2 Does the university have an industry institution partnership cell? If yes, what is its scope and range of activities?***

- At present the Directorate of Research and the International collaboration cell of Pravara Institute of Medical Sciences (Deemed University) is coordinating the activities (related to linkages, collaborative research clinical trials, consultancy, collaborative extension and outreach activity) with health care and service industries and institutions. The aspects regarding collaborative research clinical trials and teacher - student exchange are explained at 3.2, 3.3 and 3.7, consultancy aspect at 3.5.1 The functioning of the Directorate of Research has been explained at 3.1 and of collaboration at 3.7.1 IQAC also coordinates this activity which is need based. Pravara Institute of Medical Sciences (Deemed University) proposes to establish an independent industry – Institution partnership cell in near future.
- Recently Director of Research has finalized an MOU with „Global Drug Development – A SMO “a site management organization on DDD activities, 46 faculty members are



trained by this GDD-ASMO and are certified. They will undertake clinical trials which are in pipeline (explained at 3.3)

- As on initiative to merge health profession with ICT and BT, Guest lecturers were arrange for Pravara Institute of Medical Sciences (Deemed University) faculty. The lectures were delivered by reputed experts. TCS HR performed an event of jobs for health professionals in IT. In the workshop conducted by them, 88 MBBS students attended; 15 students cleared aptitude test and 9 were selected in interview round and offered as position of HR Business Process lead (HP) with an annual staying salary package of Rs. 5.5 lakhs. This appears to be a beginning of an era where health professionals enter IT and technology sector and entrepreneurship. Pravara Institute of Medical Sciences (Deemed University) has initiated this process of change.

**3.5.3 What is the mode of publicizing the expertise of the institution for consultancy services? Which are the departments from whom consultancy has been sought?**

The expertise of the institution is made known through the website, prospectus, extension, formal – informal discussion and social gatherings. The linkage at project is on social and personal networking basis. In future, PIMS-DU progress to institutionalize it.

**3.5.4 How does the institution utilize the expertise of its faculty with regard to consultancy services?**

- Faculty of Pravara Institute of Medical Sciences (Deemed University) are utilized as speciality / super speciality expert in their field based on the need and purpose. It is because of the involvement of these staff members, Pravara Medical Trust, PIMS-DU has successfully launched. “Pravara Innovation” with reference to rural health care, since 1976 (listed at 3.1)

**3.5.5 Give details regarding the consultancy services provided by the institution for secondary and tertiary health care centers and medical / dental practitioners.**

They are explained at 3.5.1

**3.5.6 List the broad areas of consultancy services provided by the institution and the revenue generated during the last four years.**

Broad Area: Training of trainers in the Health mission project (of Govt, semi govt., & NGO), acting as a mother NGO or a facilitation and finishing school (the revenue earned is around Rs. 50.00 lakhs)

**Consultancy: PIMS -Center for Social Medicine**

**Areas of Consultancy and Income Generated**

Sr. No.	Consultancy undertaken	Amount Generated
1.	Nodal Agency for NGOs working in prevention of HIV/AIDS in Maharashtra	Rs. 44,79,826/-
2.	Conducted CMEs for Government Medical Officers under NRHM	Rs. 3,94,902/-
3.	Training of FHV's of Jamunabai Bajaj foundation, Pune	Rs. 7,200/-



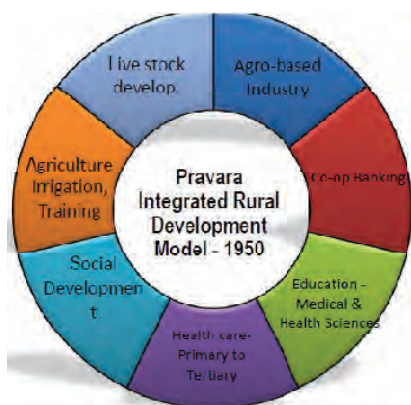
**Center for Social Medicine:  
Empanelled for Public Health Research & Training**

- IE3 Global Internship Program, USA
- National Health Systems Resource Centre, Government of India, New Delhi
- State Health Systems Resource Centre, Government of Maharashtra, Pune
- National AIDS Control Organization, Government of India, New Delhi
- National Rural Health Mission, Govt. of Maharashtra
- Yeshvantrao Chavan Academy for Development and Administration (YASHDA), Pune

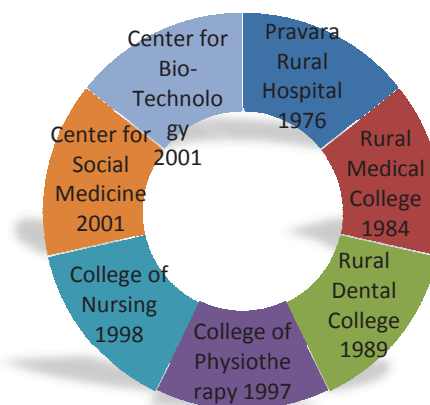
**3.6 Extension Activities and Institutional Social Responsibility (ISR)**

**3.6.1 How does the institution sensitize its faculty and students on its Institutional Social Responsibilities? List the social outreach programs which have created an impact on students' campus experience during the last four years.**

PIMS has been continuing the primary mandate of the founder of Pravara Medical Trust to reach out to the last man through the “last mile” efforts, in all primary pursuits of education, training, research and service delivery. All the constituent units of PIMS have further strengthened its efforts to reach-out to the remotest areas and vulnerable sections of the population during the Five Years under review (2011-16) with innovative activities. PIMS-Deemed University was evolved over a period of time, from a social & economic, rural development initiative widely known as “Pravara Integrated Rural Development Model” conceived in 1950, in a remote rural and droughtprone district of Ahmednagar, Maharashtra.



**Fig 1: Pravara Integrated Rural Development Model**



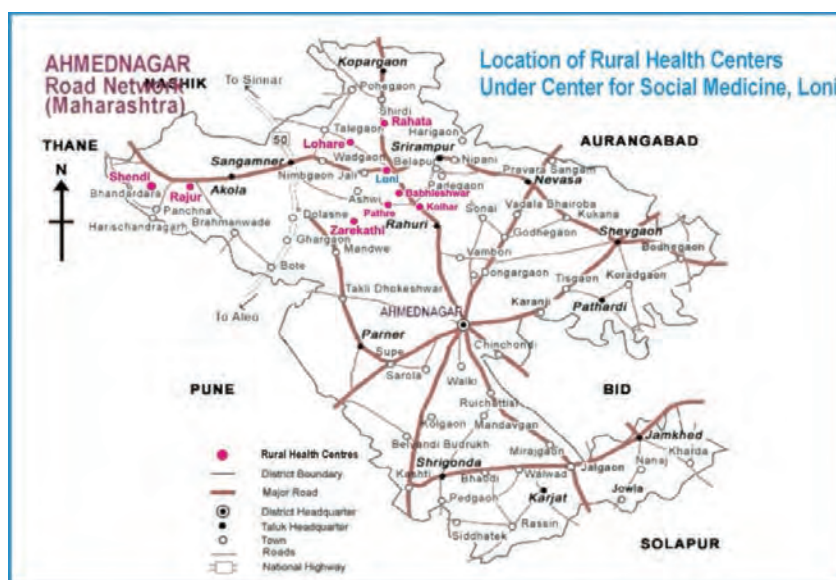
**Fig 2: Pravara Comprehensive Rural Health Care Model**

As part of social responsibility, the Pravara Medical Trust (the parent organization of PIMS) and PIMS-DU have developed a Comprehensive Rural Health Care Model (CRHCM) since 1972. The outcome of the CRHCM to achieve its mission and objectives of serving the rural poor through providing quality medical care and socially



meaningful medical educational & research have been translated into reality over a period of time through the following network of institutions.

Constituent Units:	Peripheral Centres:
<ol style="list-style-type: none"> <li>1. RMC - 1984</li> <li>2. RDC - 1989</li> <li>3. COPT – 1997</li> <li>4. CON – 1998</li> <li>5. CBT – 2001</li> <li>6. CSM – 2001</li> <li>7. PRH - 1976</li> </ol>	<ul style="list-style-type: none"> <li>➤ 7 RHC – PIMS-DU initiative UHTCs &amp; RHTCs as per MCI Extention OPDs</li> <li>➤ First Aid centres</li> <li>➤ 16 Gram Arogya Banks &amp; Arogya Mitra</li> <li>➤ Extension and Outreach activities in 234 villages, 30 schools</li> <li>➤ Mobile clinics – 2 Medical &amp; Dental</li> <li>➤ 9 e-health centres</li> </ul>



**Fig 3: Location of RHCs functioning under CSM of PIMS-DU**

**Strategies:**

- Component of Community Medicine, Social Medicine, Institutional Social Responsibilities in curriculum, organization and participation in all the activities related to CM, SM, ISR,
- Calendar for extension and outreach activities, networking, involvement of all stake holders, budget provision, action plan, implementation and review
- Organization of lectures, rallies, camps, training sessions, workshops, street plays, skits, adoption of families, villages, telemedicine
- Maintenance records of activities of projects, outreach activities, rewards, analysis and publications
- Exclusive coordinating functional units for extension in all the 6 Constituent Units (CM, PHD, CN etc.)





Hence, PIMS-DU and all its Constituent Units reflects its institutional social responsibility prominently in their “Mission, Vision” and a strong commitment to the cause of socio-economic upliftment through providing affordable quality health care and health education for the rural poor and weaker sections of the community.

**Extension and outreach of PIMS-DU 2011-16:**

i) Multi-diagnostics and Mini Camps: The first Project of PMT i.e, 100 bedded Pravara Rural Hospital (PRH) in 1976 has a strong outreach component to reach the remote rural people through Medical Camps. Continuing the tradition of holding regular Multi-diagnostic camps (MDC), the University has organized 12 MD Camps (14 Clinical Departments, Laboratory & Pharmacy & Health Exhibition) and 169 Mini Camps (4 to 5 clinical departments) wherein 48,709 Patients were treated and 6292 patients were referred to PRH for further expert treatment during the last 5 years (2011-2016) (Table 1). As many as 11 talukas out of 13 talukas of Ahmednagar district and neighbouring districts are covered through the MD and Mini Camps during the last 5 years (Table 2). Both UG and PG students of the all the constituent units do take part in the M.D and Mini Camps.

**Table 1: Year wise Statistics of MD & Mini Camps Organized by PIMS (2011–2016)**

Year	No. of Camps Held			No. of Patients Treated			No. of Patients Referred		
	M.D	Mini	Total	M.D	Mini	Total	M.D	Mini	Total
2011-12	1	35	36	939	6755	7,694	202	837	1,039
2012-13	1	33	34	724	8015	8,739	162	916	1,078
2013-14	6	31	37	6811	6137	12,948	912	803	1,715
2014-15	2	28	30	1881	4940	6,821	212	716	928
2015-16	2	42	44	2514	9993	12,507	403	1129	1,532
<b>Total</b>	<b>12</b>	<b>169</b>	<b>181</b>	<b>12869</b>	<b>35840</b>	<b>48,709</b>	<b>1891</b>	<b>4401</b>	<b>6,292</b>

**Table 2: Geographical Coverage of the M.D and Mini Camps Held by PRH of PIMS (2011 – 2016)**

Year / Taluka	2011-12		2012-13		2013-14		2014-15		2015-16		Total		
	M D	Mini	MD	Mini	MD	Mini	MD	Mini	M D	Mini	MD	Mini	Total
Rahata		14	-	05	-	08	-	04	-	11			42
Rahuri	-	07	-	03	01	06	01	09	-	09	02	34	36
Shrirampur	-	03	-	08	02	06	-	06	-	05	02	28	30
Sangamner	-	05	-	05	01	03	-	02	-	11	01	26	27
Kopergaon	-	03	--	02	01	05	01	02	1	02	03	14	17
Akole	-	00	-	06	-	01	-	04	1	02	01	13	14
Newasa	01	00	-	01	01	01	-	00	-	00	02	02	04
Ahmednagar	--	01	-	00	-	00	-	01	-	00		02	02
Shevgaon	-	01	-	02	-	00	-	00	-	00		03	03
Pathardi	-	01	-	00	-	00	-	00	-	00		01	01



Parner	-	00	---	00	-	00	-	00	-	01		01	01
Other Dist	-	00	-	01	01	01	-	00		01	01	03	04
<b>Total</b>	<b>01</b>	<b>35</b>	<b>--</b>	<b>33</b>	<b>07</b>	<b>31</b>	<b>02</b>	<b>28</b>	<b>2</b>	<b>42</b>	<b>12</b>	<b>169</b>	<b>181</b>

ii) Community Oriented Medical Education- Family study programmes: The 2<sup>nd</sup> major medical educational project Rural Medical College of PIMS-DU has accorded equal importance to Community Oriented Medical Education (COME) along with Institutional based training curriculum. Under COME, the Department of Community Medicine of RMC, from the first batch (1984) has been following the concept of allotting 5 families in a selective village to all MBBS students to follow-up for 5 ½ years. The following are the salient features of this Family Study Program

- 5 families allotted in 1<sup>st</sup> MBBS, visits under guidance of Teacher in-charge and MSW
- Follow-up in community postings; Record (Journal) maintained, marks kept for journal in Internal assessment/Practicals; Social Anatomy and Social physiology; Improve communication skills

**Table 3: List of villages and population covered (2005-2015) under Family Study Program of Rural Medical College, Loni**

Sr. No	Year	Village Adopted	Population covered
1.	2005	Durgapur	2,641
2.	2006	Tisgaon	2,138
3.	2007	Loni Kd	22,728
4.	2008	Lohagaon	5,648
5.	2009	Hasnapur	3,342
6.	2010	Chandrapur	1,154
	<b>2005-10</b>		<b>37611</b>
7.	2011	Loni Bd	12,294
8.	2012	Babhaleshwar	5,644
9.	2013	Dadh	7,622
10.	2014	Pravaranagar	25,960
11.	2015	Galnimb, & Tisgaonwadi	2,780 2,138
	<b>2011-15</b>		<b>56438</b>
	<b>Total</b>	<b>12 villages</b>	<b>94,049</b>

As, majority of the medical students hail from Urban areas, they get real picture of Rural problems like overcrowding, insanitation, water supply, waste disposal, socio-cultural factors. Subsequently all the constituent units – Rural Dental College, College of Physiotherapy, and College of Nursing have started following the same procedure to implement COME in their respective academic programs.

iii) Establishment of RHTC and UHTC (as per MCI guidelines): Following the rules & regulations of the statutory bodies like Medical Council of India, Dental Council of India etc, PIMS-DU has established Rural Health Training Centre (RHTC), Rahata and Urban Health Centre (UHC), Pravaranagar which cover about 18 villages and 40,000 populations and impart community based training to UG & PG students.



**Table 4: Major activities carried out by the RHTC, Rahata and UHC, P'nagar of Rural Medical College, Loni**

Sr. No	Program/Activity	Number	Participants
1.	Health checkup camps under RAHATA RHTC	35	1597
2.	Blood donation camps at UHTC Pravaranagar	06	328
3.	Pulse polio immunization at UHTC Pravaranagar	10	1380
4.	Unnati Prkalp Program for Migratory Sugar Factory Harvest Workers at UHTC Pravaranagar	03	1024
5.	Vitamin A administration & de-worming program for children at UHTC Pravaranagar	05	1063
6.	Health checkup of sugar factory workers at UHTC Pravaranagar	01	1500

iv) Community Medicine/ Public Health – Rural Health Care and Tribal Health Care – Training Education and Service:

**Rural & Tribal Health Centres:** Since PIMS-DU has a strong social commitment, it has gone beyond the statutory body's minimum requirement and established its own 7 (seven) additional full-fledged, well equipped Rural and Tribal Health Centres (RHCs/THCs) - five located in remote rural areas namely (1) Babhaleshwar, (2) Kolhar, (3) Pathare, (4) Zarekathi, and (5) Lohare to cover 42 remote villages and serve 107,834 rural population and two located in Tribal areas at (6) Shendi and (7) Rajur (*Akole Tribal Block of Ahmednagar district which is part of Sayadri hill range of Maharashtra*) which cover 22 tribal villages and serve 36,590 tribal population.

v) Mobile Health Care Service at Door Steps of Villages/ Rural Population:

**Mobile Medical Clinics in Rural & Tribal Villages:** In additional to this, PIMS-DU also runs its own two Mobile Medical Units – one for serving 1,48,643 population in 65 remote villages in Loni area and one for covering over 30,000 tribal people living in 29 remotest tribal villages/hamlets of Akole Tribal Block. Besides, PIMS also runs One Mobile Dental Clinic to cover the aforementioned remote rural and tribal villages.

vi) Health Care Service to Urban/ Semi Urban Population:

**Urban Health Centres & Clinics:** The University also covers Urban slum population of Rahata, Shrirampur, Sangamner, Rahuri talukas of Ahmednagar district and Nashik, Malegaon, Sinner talukas of Nashik District through Urban Health Centres, Dental Clinics, and special STI Clinics. (Table 5) Activities and achievement of rural/ urban/ mobile health care and services given in table 5.

**Table 5: Details of the Extension Health Centres and Clinics run by Centre for Social Medicine, Rural Medical College, Rural Dental College of PIMS**

Sr. No	Type of Health Centre / Clinic	Type of area	No of Villages /Slums Covered	Population served	Year of Establishment
1.	Rural Health Training Centre (RHTC), Rahata	Rural	11	90,702	10.07.2008
2.	Urban Health Centre (UHC),	Urban	10	25,960	May 1984



	Pravaranagar				
3.	Extn. Dental OPD, Rahata	Urban	15	60,000	10.07.2006
4.	Extn. Dental OPD, Shirampur	Urban	15	75,000	1991
5.	Rural Health Centre, Babhaleshwar	Rural	09	25,922	04.10.2002
6.	Rural Health Centre, Kolhar	Rural	10	22,622	30.09.2005
7.	Rural Health Centre, Pathare	Rural	05	18,940	02.10.2001
8.	Rural Health Centre, Zarekathi	Rural	11	29,260	01.12.2006
9.	Rural Health Centre, Lohare	Rural	07	11,090	2013
10.	Rural Health Centre, Shendi	Tribal	15	21,475	26.12.2005
11.	Rural Health Centre, Rajur	Tribal	07	15,115	15.05.2008
12.	Mobile Clinic, Loni	Rural	65	1,48,643	01.03.2006
13.	Mobile Clinic, Shendi	Tribal	29	30,061	01.03.2006
14.	Mobile Dental Clinic, Loni	Rural	10	8,000	2007
15.	STI Clinic, Shirdi	Urban	06	10,000	01.01.2013
16.	STI Clinic, Nashik	Urban	16	1,500	01.08.2005
17.	STI Clinic, Malegaon	Urban	38	15,000	01.10.2010
	Total	Urban Rural Tribal	Urban:100 Rural :128 Tribal: 51	Urban:187460 Rural:355,179 Tribal: 66,651	
	Grand Total		279	6,09,290	

**vii) Training–Education–Involvement of Students in Community Health Care & Service:**

All the UG, PG, Diploma and Certificate courses run by the Constituent Units of PIMS-DU have incorporated as part of the field practices at these Rural Health training Centres (RHTC), Rahata, Urban Health Centre, Pravaranagar and Rural Health Centres at Babhaleshwar, Kolhar, Pathare, Zarekathi, and Lohare, Tribal Health Centres at Shendi & Rajur and Mobile Medical Clinics at Loni and Shendi (Tribal) and Mobile Dental Unit, Loni.

These are utilized as training centres for the students who are posted regularly at these centres and are included in their academic curriculum. Interns are also posted on rotational basis in all rural and urban health centres as a part of rural and urban health postings for Compulsory Rotatory Residential Internship. Undergraduate and postgraduates students of MBBS, BDS, Nursing, Physiotherapy & Allied Health Sciences (MPH, CSHD), are taken for field work in the community as a part of their training.

**Table 6: Training of UG/PG students of PIMS at Rural Health Centres (2011-2015)**

Sr. No.	Year	Medical		Physiotherapy	Nursing	Total		Grand Total
		UG	PG	UG	UG	UG	PG	
1	2011	65	77	56	470	591	77	668
2	2012	53	49	48	422	523	49	572
3	2013	57	14	27	517	601	14	615
4	2014	55	9	52	431	538	9	547
5	2015	78	0	50	405	533	0	533
	<b>Total</b>	<b>308</b>	<b>149</b>	<b>233</b>	<b>2245</b>	<b>2786</b>	<b>149</b>	<b>2935</b>

**Note:** UG/PG students posted at Rahata, Babhaleshwar, Kolhar and Pathre RHCs



Due to their posting at these rural and tribal health centres and Mobile Clinics, the students got an opportunity to examine over 1,00,000 patients per year at these RHCs and over 25,000 patients per year at Mobile Clinics for the last 5 years in different rural and tribal set-ups.

**Table 7: Statistics of the Patients Treated at Rural & Tribal Health Centres**

Academic Year	No of Health Centres	General Cases Treated	MCH Cases Treated	Total
2011-12	8	36,682	57,610	94,292
2012-13	8	29,435	33,344	62,779
2013-14	8	29,367	51,329	80,696
2014-15	8	36,475	66,572	1,03,047
2015-16	8	37,776	63,306	1,01,082
<b>Total</b>	<b>8</b>	<b>1,69,735</b>	<b>2,72,161</b>	<b>4,41,896</b>

**Table 8: Statistics of the Patients Treated at Mobile Medical Units**

Academic Year	No of Mobile Clinics	General Cases Treated	MCH Cases Treated	Total
2011-12	3	9315	22036	31351
2012-13	3	7538	6887	14425
2013-14	2	9960	13609	23569
2014-15	2	11701	12412	24113
2015-16	2	10675	13640	24315
<b>Total</b>	<b>2</b>	<b>49,189</b>	<b>68,584</b>	<b>117,773</b>

These Rural Health Centres and Mobile Medical Units serve twin purposes – (1) impart training to all the UG, PG and Diploma/Certificate Students and (2) providing the much needed specialty medical care to the remotest rural and tribal areas at their door steps.

**Table 9: General & MCH Patients Treated at Rural Health Centres (RHCs) (2011–2015)**

Rural Health Centre	2011		2012		2013		2014		2015		Total	
	General	MCH	General	MCH	General	MCH	General	MCH	General	MCH	General	MCH
Pathare Bk	4,002	6,901	4,138	5,857	3,158	4,903	3,598	6,207	3,598	7,893	18,494	31,761
Babhaleshwar	3,304	4,083	3,858	3,994	3,467	3,503	3,828	4,847	4,319	7,305	18,776	23,732
Kolhar	3,026	7,436	3,541	6,996	2,404	5,886	3,449	5,940	4,583	6,694	17,003	35,952
Rahata	6,848	9,011	5,333	6,744	3,774	6,833	3,803	7,829	4,760	9,083	24,518	39,500
Zarekathi	6,980	8,619	7,021	5,968	5,170	4,496	5,824	7,702	6,842	10,634	31,837	37,419
Shendi	1,875	8,481	2,600	6,642	2,181	4,642	4,228	9,155	5,277	9,864	16,161	38,784
Rajur	4,884	7,457	5,181	5,645	3,834	2,479	5,278	10,679	7,122	11,905	26,299	38,165
Karhetakali	3,284	5,110	1,814	4,819	0	0	0	0	0	0	5,098	9,929
Lohare	0	0	0	0	2,986	4,094	3,104	6,564	4,119	7,861	10,209	18,519
<b>Total</b>	<b>34,203</b>	<b>57,098</b>	<b>33,486</b>	<b>46,665</b>	<b>26,974</b>	<b>36,836</b>	<b>33,112</b>	<b>58,923</b>	<b>40,620</b>	<b>71,239</b>	<b>1,68,395</b>	<b>2,73,761</b>





**Table 10: General & MCH Patients Treated at Mobile Clinics (2011 – 2015)**

Rural Health Centre	2011		2012		2013		2014		2015		Total	
	General	MCH	General	MCH	General	MCH	General	MCH	General	MCH	General	MCH
Loni	1,291	10,375	1,830	10,673	7,463	4,656	7,034	8,921	7,375	9,082	24,933	43,707
Bhandardara	258	6,450	4,556	1,352	1,762	1,697	3,328	6,204	5,486	3,986	15,390	19,689
Shevgaon	3,410	6,597	2,929	4,754	0	0	0	0	0	0	6,339	11,351
<b>Total</b>	<b>4,959</b>	<b>23,422</b>	<b>9,315</b>	<b>16,779</b>	<b>9,225</b>	<b>6,353</b>	<b>10,362</b>	<b>15,125</b>	<b>12,861</b>	<b>13,068</b>	<b>46,662</b>	<b>74,747</b>

viii) Pravara Innovation in Rural Health Care and Outreach at PIMS-DU:

**a. Establishment of Gram Arogya Banks in Remote Rural and Tribal Villages and**

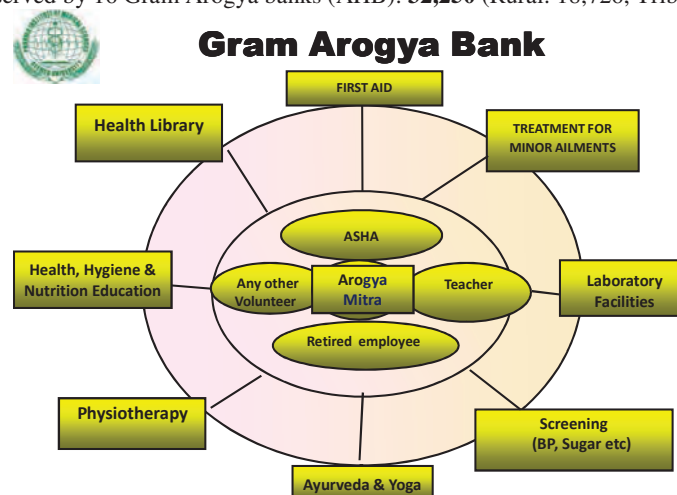
**b. Concept and Practice of Arogya Mitra – Bare foot Doctors:**

CSM of PIMS has established 16 Gram Arogya Banks (9 in rural and 7 in tribal areas) – a novel concept to provide community based primary health care through well trained and empowered village level “Arogya Mitra’s” since 2013-14. These Arogya Banks, which are equipped with adequate furniture, First Aid Boxes, Primary Drugs & supplies, digital BP apparatus, Glucometers, weighing machines, height measuring tapes, preliminary dental & physiotherapy equipments, health library etc - provides comprehensive universal primary health care to nearly 32,250 people residing in 16 villages of 5 Blocks (Rahata, Sangamner, Shrirampur, Rahuri, Akole - tribal) of Ahmednagar district (Table 12)

**Table 11: Profile of Gram Arogya Banks (Village Health Bank) run by PIMS-DU**

Sr. No	Taluka	No. of GAB / VHB	Sr. No	Taluka	No. of GAB / VHB
1.	Rahata	5	4.	Rahuri	2
2.	Sangamner	3	5.	Shrirampur	1
3.	Akole	5		<b>Total</b>	<b>16</b>

Total population served by 16 Gram Arogya banks (AHB): **32,250** (Rural: 18,726, Tribal: 13,524)



**Fig 5: Gram Arogya Bank – An Innovative Community Owned PHC Initiative**



**c) Pravara Innovation e-Health centres in Remote Rural Villages (integration of ICT in rural development and health care)**

As its novel initiatives, PIMS-DU has introduced a concept and practice of e-health centres in remote rural areas.

**e-health Centres in 9 remote rural villages:** To empower rural communities and improve health care delivery in remote rural areas, PIMS-DU runs 9 Rural Tele Health centers (IT Centers). These e-health centers provide various services like net consultancy, Health education, Access to patient's information to farmers, women and students and youth. Every Tuesday, through these e-health Centres, Faculty and PG students of all Constituent Units of PIMS University reach thousands of people in the remotest villages with health education and awareness through “*Namaskar Doctor – video conferencing*” program, coordinated by the IT Dept.

The Village Community, especially farmers, students, youth, women and general public, can access the following information and services of these 9 Rural IT Centres through intranet and intranet.

- **Net consultancy (e-health) with Expert Doctors:**  
*First Opinion:* Medical Helpline on any medical/health related queries of the general public from the Pravara Rural Medical College Hospital (PRMCH) Faculty.  
*Second Opinion:* The Rural Doctors (GPs/doctors working at PHCs) can consult the experts at PRMCH for a Second Opinion regarding their patient's diagnosis or treatment.
- **Patient Consultancy & Scheduling:** The patients who wish to consult the experts at PRMCH can fix up their visiting schedules/follow-up from their village.
- **Video Conferencing with Expert Doctors:** Every Tuesday 4.00 to 5.00 PM an expert doctor of PRMCH is available to all the 40 villages' general public/patients on Video Conferencing (*Namaskar Doctor Program*).
- **Access to Patients Information:** Relatives Villagers can avail information (which is on Public Domain) regarding the patients treated at the PRMCH.
- **Net Consultancy of Agricultural Scientists (e-agriculture):** Agricultural Scientists from KVK –a Sister institution of Pravara Medical Trust, provide consultancy on-line and off-line to farmers on the quality of seed, pesticide and insecticide spray, scientific farming practices etc.
- **Access to agricultural Produce Markets**The Centres provide online real time comparative market prices of various agricultural commodities to the nearby wholesale market yards like Pune, Nasik and Mumbai.
- **Access to Weather Forecasting:** The IT centres provide access to online real time weather forecasting information like rainfall, temperature, humidity etc by connecting to NASA.
- **Video Conferencing with Agri. Scientists**Agricultural Scientists of KVK conduct weekly video conferencing sessions with the farmers clubs of the Project area to continuously update the knowledge of the farmers and also solve their crop & live stock related problems.
- **Access to Government Schemes/Services:** Central, State and Local (Z.P) government developmental schemes information and application forms are uploaded on the intranet for the easy access of the general public.



- **Career Guidance and Self-Employment Counseling:** This facility is provided both online and offline to the students, unemployed youth, SHGs.
- **Access to internet browsing & other facilities:** Villagers are provided with free access to internet browsing, downloading and printing & e-mail services at the village IT Centres.

Faculty and students are encouraged to participate in collaboration with other organizations in carrying out social outreach programs. PIMS appreciates the services provided by students and faculty by considering their working for such activities as on duty.

**d) Pravara Innovation “SHAPE”**

- **School Health, Hygiene and Environmental Program (SHAPE):** SHAPE was implemented by Centre for Social Medicine in 30 Schools (19 Government Primary (Z.P) & 11 High School & Private - one exclusively for Deaf & Dumb) addressing over 6263 students (Girls: 3036 & Boys: 3227 as on 2016) and 194 teachers & staff members. These 30 schools are spread in 20 remote & tribal villages of Ahmednagar district, Maharashtra. Besides, health, hygiene & nutrition talks and practical demonstrations involving students on scientific way of “*hand washing with soap*”, brushing the teeth, nail cutting, physical exercises, healthy life styles, and environmental cleanliness. SHAPE includes various other social, physical health promotional activities designed and implemented along with the empowered “School Health Committees – teachers, non-teaching staff, students, management, community representatives, health workers” to make the schools as “Health Promoting Schools”, in the long run. The program was implemented in joint collaboration with the respective departments’ faculty and students of Rural Dental College, College of Physiotherapy, College of Nursing.

**Table 12: Profile of the Schools Selected under SHAPE**

No. of Schools	30 (19 Govt. Primary + 11 Private Highschool)
No. of Special School	01
No. of students	6263 (3036 Girls + 3227 Boys)
No. of teaches	194
Areas	20 Rural & Tribal villages

**Table 13: Training-cum-Workshops on “Hygine, health and environment” organized under SHAPE by Centre for Social Medicine during 2011-2016 for teachers and students at villages, tribal area and covered under SHAPE.**

Sr. No	Particulars	2011-12	2012-13	2013-14	2014-15	2015-16	Total
1	Workshops organized	04	01	01	01	01	08
2	Batches	16	09	24	21	19	89
3	Participants	2782	1842	4080	4771	3771	17246

**General Health Check-up Camps in Villages & Schools:** The Centre for Social Medicine of PIMS conducts regular General health-checkup camps in villages and schools in the operational area, as part of extension activity of Rural Health Centres (RHCs). The following is the statistics related to these health check-up camps during the last 5 years (2011-2016)



**Table 14: Services provided at Village level General Health Check-up Camps & School Health Check-ups by RHCs of CSM**

Sr. No.	Activity/Year	2011-12	2012-13	2013-14	2014-15	2015-16	Total
1	General Health Camp Patients	1285	1510	1149	2288	2121	8353
2	HB% Estimation of Students	750	838	316	845	1840	4589
3	Blood Grouping of Students	458	625	328	476	3739	5626
4	School Health Check Up, No. of students	1521	870	1088	4704	5693	13876
<b>Total</b>		<b>4014</b>	<b>3843</b>	<b>2881</b>	<b>8313</b>	<b>13393</b>	<b>32444</b>

As many as 2511 health check-up camps (396 in Ahmednagar district & 2115 in Malegaon & Nashik cities) with free consultation & distribution of medicines, were organized during 2011-16 for general public, women and children, migratory sugarcane harvest workers, brick kiln & hotel workers, industrial workers & construction workers, female sex workers, homosexuals and transgender population.

**Total No of Camps Conducted**

S.N.	Name of Project	Year 2011-12	Year 2012-13	Year 2013-14	Year 2014-15	Year 2015-16	Total
	FSW Project Nasik	242	215	260	274	291	1282
2	TI migrant Malegaon	30	114	110	159	176	589
3	TI migrant Rahata Project is started from 2013			102	142	152	396
4	CC TI Malegaon (MSM)	26	57	54	64	43	244
<b>Total</b>		<b>298</b>	<b>386</b>	<b>526</b>	<b>639</b>	<b>662</b>	<b>2511</b>

**Total No of patients**

S.N.	Name of Project	Year 2015-16	Total
1	FSW Project Nasik	6625	22736
2	TI migrant Malegaon	6877	30927
3	TI migrant Rahata Project is started from 2013	6136	16782
4	CC TI Malegaon (MSM)	2620	12645
<b>Total</b>		<b>22258</b>	<b>83090</b>

The faculty of Department of Community Medicine of Rural Medical College is also involved in health education and awareness generation among school children and general public by delivering lectures and health talks. The faculty has delivered 15 lectures in various schools and colleges addressing 4500 students and teachers. Besides, they have delivered 15 health talks in Community Radio.

e) Pravara Innovation: “Model Training to Arogya Mitra- Barefoot doctors on primary health, dental care, maternal and child health, physiotherapy, yoga, ayurved, mental health and first aid.

f) Pravara Innovation: Pravara Health and Demographic Surveillance Systems (in collaboration with International Network for Demographic Population Education and their Health – INDEPTH- South Africa)

g) Pravara Innovation: targeted intervention in social medicine epidemiology – diagnosis, treatment, prevention, care, rehabilitation, mortality, progress, impact on society,

h) Pravara Innovation: Centre for research and extension in tribal health and services

i) Pravara Innovation: Modular training to officials/ voluntaries of GO, SGO, NGO

j) Pravara Innovation: Social Medicine/ Public Health oriented surveys, projects, intervention and adoption.



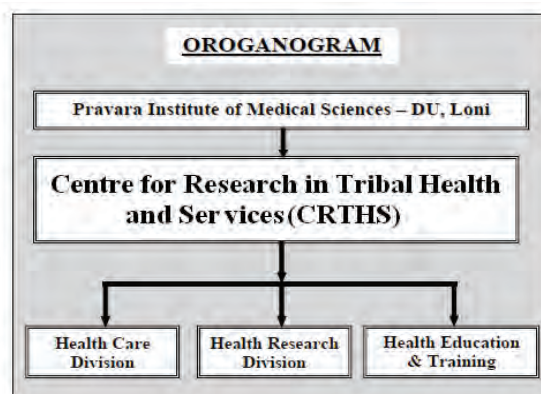
**3.6.2 How does the institution promote university-neighborhood network and student engagement, contributing to the holistic development of students and sustained community development?**

The PIMS has developed a strong university-neighborhood network with nearly 280 remote villages (51 tribal villages) & urban-slums covering over 6,00,000 population in the neighbourhood Blocks namely Rahata, Rahuri, Shirirampur, Sangamner, Kopergaon and Akole (Tribal) of Ahmednagar district of Maharashtra, for faculty-student engagement and contributing to the comprehensive development of students and sustained community development through teaching, training, research, services and extension activities.

Besides, the University has also promoted university-neighbourhood network in the service of vulnerable sections of community in Urban-slums of Nashik, Malegaon, Lasalgaon, Sinner and Manmad Blocks of Nashik District of Maharashtra.

- Networking of Medical, Dental, Physiotherapy, Nursing and Public Health students and faculty participation in community oriented education through engaging themselves in all the outreach activities at the adopted villages and communities contributes to the holistic development of the students as well as sustained community development.
- The Rural Medical College (RMC) of the University adopts every year one/two villages and allots 5 families from the adopted village to each student to monitor for 5 ½ years (till completion of internship) to study various socio-economic, environmental and demographic factors that influence health and disease patters in the context of rural health. The students maintain a Family Survey Journal and record all their findings of these Five allotted families in the Journal, which is evaluated by the faculty. Under this program, the University has covered about 12 villages in the neighbourhood of Loni for the last 10 years.
- The University has promoted 17 extension/community health services units in the form of Health Centres, Mobile Clinics, Specialty Clinics (Dental, Physiotherapy, STI etc) covering 279 villages and urban slums in rural, tribal and urban areas to serve over 6,00,000 vulnerable population (Table 4). All these centres/clinics are used for holistic development of students and sustained community development.
- **Centre for Research in Tribal Health and Services (CRTHS):** Recognizing that there is a paucity of comprehensive genetic, ethnic, behavioural and health research about the tribal population, as a socially committed academic and research organization specialized in medical care, public health and allied health sciences, the PIMS-DU, established a separate CRTHS under CSM. The mission CRTHS is to work with tribal communities to identify their health needs, develop and test appropriate community empowering models through participatory research, service and education to achieve health equity and share the experiences with global community for policy formulation.





**Fig 4: Activities of Centre for Research in Tribal Health of PIMS**

**3.6.3** *How does the institution promote the participation of the students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International programs?*

As explained in 3.6.1 & 3.6.2

**3.6.4** *Give details of social surveys, research or extension work, if any, undertaken by the institution to ensure social justice and empower the underprivileged and the most vulnerable sections of society?*

All the faculty of various constituent units of PIMS has been actively engaged in conducting various social surveys, research and extension work to ensure social justice and empower underprivileged and most vulnerable sections of society like rural, tribal and urban slum people, especially women & children, girl child, female sex workers, transgender population, migrant workers etc. (15 completed and 11 ongoing surveys based on collaborative research activity) The following is the list of ongoing and completed Research & Extension Projects undertaken by PIMS during the last 5 years (2011 to 2016)

**Table 15: Ongoing Faculty/Institutional Community & Social Health Surveys, Research and Extension Projects by PIMS-DU**

SI	Title of the Project	Sponsoring Agency / Priord /Constituent college of PIMS-DU	Area & Population Covered
1	Rapid assessment of access to safe abortions in Maharashtra	SHSRC, Pune & UNFPA, Mumbai, 2015-16, CSM	7 districts in Maharashtra
2.	Genetic analysis of Human Leucocyte Antigen (HLA) Polymorphism in Tribal & Non- tribal Population of Maharashtra India - A pilot study.	Drake University, USA & PIMS -DU, Loni, 2016-17, CSM, & CBT	Bhandardhara Tribal Area Tribal: 180 Non-tribal: 120
3.	Prevalence, etiology and molecular biology of anemia with special reference to hemo-globinopathies in adolescent and adults of both sexes in tribals.	PIMS, Loni & MAMB, Pune, 2015-17, CSM & RMC	Bhandardara area, Akole Taluka, Dist- Ahmednagar, Maharashtra
4	Vahaan Care & Support Centre for	Global Forum for ATM through	5600 PLHIVs



SI	Title of the Project	Sponsoring Agency / Priord /Constituent college of PIMS-DU	Area & Population Covered
	People living with HIV/AIDS	NMP+, Pune, 2015-17, CSM	
5	Screening, testing and Awareness of TB in Urban Slum Population in Nashik City	Municipal Corporation Nashik, 2016-17, CSM	3,50,000 urban slum population
6	Pravara Health and Demographic Surveillance System (Pravara HDSS)	PIMS, Loni & KEM Research Centre, Pune, 2015-2020, CSM	13 villages in Loni area
7	TI for migratory Workers for Prevention of HIV /AIDS in A'Nagar	Maharashtra State AIDS Control Society, Mumbai, Jan13-Mar 17, CSM	10,000 Migrant workers in six blocks of Ahmednagar district
8	School Health, Hygiene & Environment Program (SHAPE)	PIMS-DU, Loni, 2011-17, CSM RDC/ CON/ CoPT	31 Schools 6500 students 150 teachers
9	TI for Female Sex Workers for prevention of STI & HIV/AIDS in Nashik District, Maharashtra	Maharashtra State AIDS Control Society, Mumbai, 2011-17, CSM	1200 FSWs
10	TI for Migratory Workers for Prevention of STI & HIV/AIDS in Malegaon City in Nashik District	Maharashtra State AIDS Control Society, Mumbai, 2011-17, CSM	15000 migrant workers
11	Evaluation of Community participation in micro level planning of villages	PIMS-DU, Loni, 2012-15, CSM	2800 households from 7 villages

**Table 16: Completed Faculty/Institutional Community & Social Health Surveys, Research and Extension Projects by PIMS-DU**

SI	Title of the Project	Sponsoring Agency	Period	Area & Population Covered	Constituent Unit
1	TI for MSM, Transgender in prevention of STI & HIV/AIDS in Nashik District, Maharashtra	Maharashtra State AIDS Control Society, Mumbai	2011-16	1000 MSM & Transgender people	CSM
2	Conducting CMEs for Government Medical Officers under NRHM	NRHM, Govt. of Maharashtra	Jan - Mar 13	Ahmednagar, Buldhana and Jalgaon of Maharashtra	CSM & RMC
3	A mental health training for CHWs in India: Impact on mental health literacy, confidence and stigma	School of Applied Psychology, Griffith University, Australia & PIMS-DU, Loni	Aug-Dec 2013	47 Community Health Workers in Rahata and Kolhar RHCs	CSM & CoN
4	Study of early breast feeding practices, determinants in Maharashtra	SHSRC, Govt. of Maharashtra, Pune	July–Sept. 2013	Six districts in Maharashtra	CSM & RMC
5	Evaluation of ASHA Scheme in Maharashtra	NHSRC, Govt. of India, New Delhi	Mar–Aug 2013	Amarawati and Bhandara districts	CSM & RMC
6	Evaluation of DAA & DAC under PCPNDT Act in Maharashtra	SHSRC, Govt. of Maharashtra, Pune	Nov-Dec 12	Thane, Bhandara, Jalgaon, Kolhapur, Parbhani, Beed districts and Aurangabad, Dhule, Pune, Bhiwandi, Akola Municipal Corporations of Maharashtra	CSM & RMC



7	Evaluation of “Advancing Tobacco control through capacity building training, engagement and advocacy” in Maharashtra	Healis Inst. Of Public Health, Mumbai	Nov.– Dec 12	Pune, Thane, Nagpur and Aurangabad districts of Maharashtra	CSM
8	Evaluation of Community based Monitoring of Health care Services of SHSRC in 12 districts of Maharashtra	SHSRC, Govt. of Maharashtra, Pune	Nov.12 to July 13	Amaravati, Nandurbar, Osmanabad, Thane and Pune Districts	CON
9	Evaluation of Services NGO’s from Akola & Thane dist. of Maharashtra	SHSRC, Govt. of Maharashtra, Pune	Nov.12 to August 13	Akola and Thane districts of Maharashtra	RMC
10	Community Based Organization for MSM in Nashik Dist.	The Humsafar Trust, Mumbai	Sep.12 to Apr. 13	Nashik City	CSM
11	Prevalence of Diabetes in Rural Ahmednagar district	Erasmus Mundus Program of European Union & PIMS-DU, Loni	2011-13	8 rural health centres	CSM, RMC
12	Study of Ocular manifestations in diabetes cases in Rural Maharashtra	Erasmus Mundus Program of European Union & PIMS-DU	2011-13	Pravara Rural Hospital	CSM & RMC
13	Organizational Development for FSW in Nasik Dist.	Pathfinder International USA	2011-12	Nashik City	CSM
14	Nodal Agency for NGOs working in prevention of HIV/AIDS in Maharashtra	Pathfinder International USA	2010-14	34 NGOs/CBOs in 17 Districts of Maharashtra	CSM
15	Study on acceptability and efficacy of Cupid Female Condom	Cupid Ltd. USA /India	2010-11	7 Rural Health Centres	CSM

**The extension work carried out to address the issues in question are answered at 3.6.1**

**Table 17: Published Articles of Faculty & Student Research Studies on Community / Social Health: (International – 11, National – 02, Total – 13) are listed here:**

S N.	Author	Title of Paper	Name of Journal, Vol, Issue Year
1	Reshma R Garje, Sunil Thitame, Konduri V Somasundaram, Laxmi Gautam, Mahesh S Gite	Infant feeding beliefs and practices among tribal mothers in Nashik district, Maharashtra	International Journal of Medical Science and Public Health, 5(11), 1-6, 2016
2	Sunil N Thitame, Deepak B Phalke, Goraksha M Pondhe	Public Health Risk and Environmental Impact Associated with Disposal of Urban Waste at Sangamner City, Ahmednagar, Maharashtra, India	International Journal of Preventive and Public Health Sciences, 1 (2), 5-8, 2015
3	Aalok Kumar, Reecha Ghimire Singh, Sunil Thitame	Sex Preferences among Rural Community: Public Health And Social Concern	International Journal of Medical Research & Health Sciences, 4(2), 391-395, 2015
4	Laxmi Gautam, Jayant D. Deshpande, Somasundaram KV, Sunil Thitame	Pattern of opportunistic infection among HIV/AIDS patients visiting a rural teaching hospital of Maharashtra	International Journal of Pharmaceutical & Medicinal Research, 3(1):172-176, 2015
5	Laxmi Gautam, Jayant D. Deshpande, Somasundaram KV	Prevalence of HIV-TB Coinfection, Clinical profile and CD4 Count of HIV patients attending ART Centre of Ahmednagar, Maharashtra	International Journal of Medical Sciences and Public Health, 3(9), 1105-1109, 2014
6	Carina Ursing, K.V.Somasundaram,	Screening for Diabetes Mellitus, a Non Communicable Disease (NCD), in a	Journal of Rural Medicine, Japan, 8(1), 84-85, 2013



	S.N.Kulkarni, H.J.Pawar,	Rural Area, India	
7	Somasundaram KV, C.B.Jori, Mahesh Borawake	Empowerment of Rural People through e-health – A case study of Pravara	Journal of Rural Medicine Japan, 8(1),146-147, <b>2013</b>
8	Alehagen S, Finnström O, Hermansson G, Somasundaram KV, Bangal, V.B, Patil A, Chandekar P, Johansson AK,	Nurse-based antenatal and child health care in rural India, implementation and effects-an Indian-Swedish collaboration	Rural & Remote Medicine Australia, 6 <sup>th</sup> September <b>2012</b> .
9	Sunil Namdeo Thitame, GM Pondhe	Urban solid waste and its disposal: An emerging challenge in Sangamner city, district Ahmednagar, Maharashtra, India	WASTE MANAGEMENT, 32(6), 1279-1280, 2012
10	Somasundaram KV, Bangal V.B, Ashok Patil, Dhore P	Reaching maternal child health MDGs through multisectoral approach model for health and development”,	International Journal of Biomedical Research, 3(04)- <b>2012</b>
11	Somasundaram KV, Bangal V.B	Living and Health Conditions of Migratory Sugarcane Harvest Workers of Ahmednagar district in Maharashtra	International Journal of Biomedical and Advance Research, 3(02) - <b>2012</b> .
12	S. N. Thitame, K. V. Somasundaram	“Quality of drinking water and associated health risks in rural Ahmednagar, Maharashtra, India”	Journal of Chemical and Pharmaceutical Research, 7(7):660-663, 2015
13	S.D. Dalvi, Rajendra Vikhe Patil, Saneev Kulakarni, Somasundaram KV	Integrated Rural Development Model at Pravara Institute of Medical Sciences	University News (AIU Publication), 51(17) 229-232

**Table 18: Public Health Student Research Studies on Community/Social Health & Development**

Sr. No.	Name of student	Dissertation Topic	Guide	Year
1	Ms. Johanna Kristofersson	Study of socio-demographic profile and outcome of teenage pregnancies in rural India	Dr. V.D. Banagal, Professor, OBGYRMC Dr. Leif Matthisen, Assoc. Professor, Helsingborg, Sweden	2012-13
2	Ms. Laxmi Gautam	Prevalence of HIV-TB co-infection & socio-demographic profile, clinical profile of HIV/AIDS patients attending ART centre in rural area.	Dr. J.D. Deshpande, Professor, Dept. of PSM	2013- 14
3	Mr. Somnath D. Tribhuvan	To study the wealth index of rural households & its association with morbidity pattern among under five children in and around Pravara region.	Dr. Sunil Thitame, Asst. Professor, CSM	2013- 14
4	Mr. Aalok Kumar Singh	Fertility Preferences among rural community: Public Health and Social Concern.	Dr. S.S. Jogdand, Assoc. Professor, Dept. of PSM	2013- 14
5	Ms. Reecha Ghimire	Determinants of Low Birth Weight: A case control study in Pravara Rural Hospital in Western Maharashtra, India.	Dr. D.B. Phalke, Professor & Head, Dept. of PSM	2013- 14
6	Ms. Maria Fabricius	Incidence and clinical outcomes of preeclampsia in rural areas of Ahmednagar district, Maharashtra, India	Dr. V.D. Banagal, Professor, OBGY Dr. Leif Matthisen, Assoc. Professor, OBGY, Helsingborg, Sweden	2014-15
7	Ellen Eriksson	Clinical outcomes and treatment of eclampsia in rural areas of Maharashtra,	Dr. V.D. Banagal, Professor, OBGY	2014-15



		India at Rural Medical College, Loni, Maharashtra	Dr. Leif Matthisen, Assoc. Professor, OBGY, Helsingborg, Sweden	
8	Ms. Reshma Garje	Infant feeding beliefs and practices among tribal mother's in Nashik District, Maharashtra.	Dr. S.N. Thitame, Asst. Professor, CSM	2014- 15
9	Ms. Sujata Gokul Gadekar	Study on student's attitude & view on sex & sexual harassment	Dr. Sunil Thitame Asst. Professor, CSM	2015- 16
10	Dr. Renuka B.	Assessment of oral health status and treatment needs among Sugarcane Factory Workers in Loni, Maharashtra	Dr. J.D. Deshpande Professor, Dept. of PSM	2015- 16
11	Dr. Kureshi Shakhjaved Shakhshabbir	Assessment of occupational stress among farming people in Aurangabad District, Maharashtra	Prof. K.V. Somasundaram, Director, CSM	2015-16
12	Mr. Sanjay Kumar	To study the malnutrition among tribal children with special focus on dietary intake and nutritional interventions in Akole Block of Western Ghat, Maharashtra	Dr. S.N. Thitame, Asst. Professor, CSM	2016-17
13	Dr. Shilpi Kawalia	Oral health related quality of life among tribals of Western Ghat in Akole Block of Maharashtra, India	Dr. S.N. Thitame, Asst. Professor, CSM	2016-17
14	Dr. V.B. Bangal	Improvement of maternal health services through use of mobile phone: A randomized control trial	Dr. D.B. Phalke, Prof. Dept. of PSM	2016-17
15	Mr. Raju K.C.	Access, utilization and barriers of MCH services in tribal area of Akole: A client perspective	Dr. A.L. Kharde Dr. S.N. Thitame	2016-17
16	Dr. N.S. Dhoble	A cross-sectional study of consanguineous marriages and reproductive behaviour among tribal population in Akole taluka of Ahmednagar District, Maharashtra	Dr. (Mrs) V.D. Phalke Professor, Dept. of PSM	2016-17
17	Dr. K.L. Bramhankar	A study on perception and pattern of alcohol consumption, its impact on socio-economic and health, especially mental health, of the tribal population of Akole Tribal Block of Ahmednagar district of Maharashtra	Prof. K.V. Somasundaram, Director, CSM	2016-17

**3.6.5 Does the institution have a mechanism to track the students' involvement in various social movements / activities that promote citizenship roles?**

Yes, Postings, rotation plan, monthly / yearly timetable and clinics.

- The students maintain journals, log-books wherein they write their participation in various extension activities.
- These records are checked, verified and reviewed by respective heads and officers.

**3.6.6 How does the institution ensure the involvement of the community in its outreach activities and contribute to community development? Give details of the initiatives of the institution that have encouraged community participation in its activities.**

**Centre for Social Medicine**





- CSM trained and empowered 300 Female Health Volunteers (FHV) to work in the community in the field of primary health care (PHC) and reproductive and child health (RCH). All these FHV conduct house-to-house surveys in their respective villages and provide health education and awareness, identify sick people and refer them to 16 Gram Arogya Banks, 3 Mobile Medical & Dental Clinics, 8 Rural & Tribal Health Centres and Pravara Rural Medical College Hospital for further diagnosis and treatment.
- CSM engaged in working with members of Panchayat Raj Institutions, School Teachers, Anganwadi Workers, Mahala Mandal Members, Farmer's Club Members, Traditional healers etc in all the villages of its operational area on various community health, empowerment and developmental activities such as Pravara Health and Demographic Surveillance System (P HDSS), Gram Arogya Banks (GAB), School Health Hygiene and Environment Program (SHAPE), Healthy Village, Micro-level planning of villages, Community-Hospital Referral Scheme etc
- CSM is actively involved in advocacy and behavioural change communication( BCC) activities through Focus Group Discussions (FGDs), Participatory Rural Appraisal (PRA), Mass Awareness Sessions, Street Plays, Innovative folk media (Kala pathaks, Role Plays etc), Audio-visual shows, educative kits & tools etc.
- CSM has designed, developed, and published 150 innovative, culturally & regionally acceptable, gender sensitive information, education and communication (IEC) material like books, training manuals, kits, games (snake & ladder), puzzles, charts, posters, flip charts, calendars etc.
- CSM has developed video films on social issues like Female feticide (*Supari*), Water Pollution & Purification (*Pani*), HIV/AIDS and Adolescent Reproductive Health (*Jeev Lakh Mulacha*).
- CSM involves 30 schools, 194 teachers, 6000+ students of rural and tribal areas for its "SHAPE" programme. Through workshop conducted at school, its involves rural peoples of the village also (17000+)
- **Gram Arogya Bank:** Following the Philosophy of "Gram Swarajya" of Mahatma Gandhi, The Centre for Social Medicine of PIMS-DU has promoted "Gram Arogya Bank" an innovative initiative to empower the village community to take of their own primary health care needs in 16 villages. This community owned initiative is run by the locally trained "Arogya Mitra" – an ASHA, a Teacher, a Retired employee or any other volunteer who is equipped with knowledge & skills to provide primary health care, and first aid supported by laboratory facilities, appropriate technology devises like digital BP apparatus, glucometers, thermometers, weighing machine, Snell's chart etc. The primary health care package of Gram Arogya Bank also includes treatment of diseases through alternative systems of medicine like ayurveda, yoga and physiotherapy. Health, hygiene and nutrition education and prevention of diseases is an integral part of Gram Arogya Bank. The Banks are run with the technical assistance from Centre for Social Medicine of PIMS-DU.
- **Training FHV/ASHA Primary Health Care, First Aid, MCH, Ayurveda and Yoga:** A modular training to "Arogya Mitras" – FHV/ASHA in Primary health & dental care, first aid, maternal and child health, physiotherapy, ayurveda and Yoga, was conducted. Today these *Arogya Mitras* are effectively providing primary health care services to 35,000 people at "Gram Arogya Banks" established in 16 remotest & tribal villages.



- **Training FHV/ASHA in Mental Health:** The CSM has trained 47 Female Health Volunteers/ASHA working under Rural Health Centres of Rahata and Kolhar in “Mental Health” during November 2013 in collaboration with *Griffith University and The Nossal Institute for Global Health, University of Melbourne, Australia and College of Nursing, PIMS-DU, Loni* as part of a collaborative research study.
- **Targeted Interventions for FSWs:** This project was started in 2005 with the financial support from Pathfinder International, USA in Nashik district to cover 600 Female Sex Workers. The funding continued until 2011-12. Subsequently the funding support was received from MSACS, Mumbai and the number of FSWs was increased up to 1000 in 2012-13 and 1200 in 2013-14. The Project is continued to receive funding from MSACS/NACO until 2017.
- **Targeted Interventions for MSM/Transgender Population:** This project was also started as a combined project with FSWs with initial funding from Pathfinder International, USA in Nashik district in 2005. Since 2011-12, the funding support was received from MSACS, Mumbai and the number of MSMs was increased up to 800. During the year 2013-14, a fresh proposal was submitted to MSACS, Mumbai and got extension for three more years i.e., up to 2017, with an increase of target population and funding from 800 to 1000 MSMs.
- **Targeted Interventions for Migrant workers in Malegaon City, Nashik:** This project was initiated with MSACS, Mumbai support in Malegaon City of Nashik district for 10,000 migrant workers in 2010-11. After successful implementation of the project for over three years, the project was extended during 2013-14 for next 3 years i.e., up to 2017 with an increase of target population to 15,000.
- **Targeted Interventions for Migrant workers in Rahata/Shirdi area of Ahmednagar district:** This project was initiated with MSACS, Mumbai support in the target area of five talukas (Rahata, Kopergaon, Shrirampur, Sangamner and Rahuri) of Ahmednagar district for 10,000 migrants workers in 2011-12. After successful implementation of the project for over two years, the project was extended during 2013-14 for next 3 years i.e., up to 2017.
- **Vihaan Care & Support Centre for PLHIV:** CSM of PIMS established a Care and Support Centre for People Living with HIV/AIDS (CSC PLHIV) since 2014-15 in collaboration with Network of Organizations in Maharashtra for PLHIV+ (NMP+) with the financial support from Global Forum against ATM. The Centre provides counseling
- **Pravara Health & Demographic Surveillance System:** This is a population based registration system that monitors health and demographic dynamics in the operational area of CSM funded by PIMS – DU, since 2015-16. Pravara HDSS is associated with *The International Network for Demographic, Evaluation of Population and Their Health (INDEPTH), South Africa.*
- **Rapid assessment study on effect of posting 2<sup>nd</sup> ANM at Sub-Centres in Maharashtra:** This study was carried out during October 2013 to March 2014 in 150 sub-centers (75 two ANM and 75 single ANM) which were randomly selected from 15 districts namely Akola, Amarawati, Nandurbar, Dhule, Ratnagiri, Thane, Ahmednagar, Sangli, Satara, Sindhudurga, Solapur, Yavatmal, Gadcharoli, Nashik and Gondia of Maharashtra.
- **Assessment of breastfeeding patterns, practices and determinants among women and role of health care providers in promoting breastfeeding practices in**



**Maharashtra:** This study was carried out during November 2013 to March 2014 four districts namely Akola, Raigadh, (best performing) and Thane, Hingole (poor performing) of Maharashtra.

The PIMS conducts regular capacity building activities (training-cum-workshops) to various target groups in the community like women (Female Health Volunteers), school teachers, students, Panchyat raj institution members, migrant workers, FSWs, Police, govt. officials, NGO, SHG, ANC FHV, CHW etc. During the last 5 years (2011 to 2016) the Centre for Social Medicine – a constituent unit of PIMS-DU has organized 303 such training-cum-workshops wherein nearly 25,000 community members were trained.

**Table 19: Training-cum-Workshops organized for Community Members by Centre for Social Medicine during 2011-2016**

Sr. No	Particulars	2011-12	2012-13	2013-14	2014-15	2015-16	Total
1	Workshops organized	5	8	7	4	3	27
2	Batches	18	204	29	31	21	303
3	Voluntories	2800	9281	4224	4832	3789	24926

**Places:** Babhaleshwar, Dadh, Loni, Malegaon, Nashik, Bhandardara, Rahata, Pune  
**Theme:** Health Promotion, SHAPE, Micro-planning, PITA Act, Rehabilitation, Feticide, TB, STD, AIDS, Personality development, TOT, Mental health, Arogya mitra, Yoga.

Participation of Community in Extension Programmes by College of Nursing:

Exhibitions	18	Need based Centre	05
Health surveys	05	Child to child programme	04
School Health check-up	03	1 <sup>st</sup> GD with ASHA ANM/TBA	05
Awareness Rallies	06 + 01 = 07	Skill training ASHA	02
Skit role play	5	Rehabilitation	02
First Aid Service	10	Total	67 programmes

Nursing students and staff motivate community participation in 47 mini diagnostic camps, 12 MD camps, 07 SHAPE programmes, organized by CSM, RMC of PIMS-DU

#### **Extension activities of College of Physiotherapy**

The students of College of Physiotherapy undertake survey projects in final year of graduation and till now had completed survey projects on postural deformities, musculoskeletal and cardio-respiratory diseases, pre and post surgical complications in females, occupational disorders and hazards and neurological disorders in local population. Visit to old age home provides opportunity to students to interact with underprivileged old people. The students and the faculty are encouraged to carry out Community Based Studies to understand the problems of the poor and needy people. The vulnerable section is benefited by telemedicine program. Institute also organizes regular



visit to dumb and deaf school and various activities are organized for the special children. Institute provides prostheses, orthoses, calipers, wheelchairs and assistive devices to needy people in low cost.

Social and outreach activity by COPT at catchment area of PIMS-DU

Regular conduct screening camps	10	Visits to School and Industry	08
SHAPE Camps	24	Old Age Homes	01
Multi-diagnostic Camps	09	Comprehensive Days Celebration	07
Hello Doctor Sessions	11	Yoga Workshops, Women Health Awareness Programme	02
Study Visits	03		

**3.6.7 Give details of awards received by the institution for extension activities and/ contributions to social/ community development during the last four years.**

- PMT/PIMS received an appreciation certificate in 2011-12 from Pathfinder International, USA for the excellent contribution made by the organization for the successful implementation of Mukta Project to prevent HIV among high risk groups in Nashik District from 2005 to 2011.
- Pravara Rural Hospital has been conferred National Award under the category of "**Best Institution for Providing Services to Senior Citizens and Awareness Generation**". The award was presented by **Hon'ble President of India Shri. Pranab Mukherjee** in a function held at Vigyan bhavan, New Delhi on October 1, 2015.
- PMT/PIMS has been awarded as best institution for promoting Physically Challenged Employees by the All India Association of Physically Challenged in 2015.
- Four Faculty members of COPT have received national award for “Best Community Development Work & Rehabilitation”
- Department of Public Health Dentistry of RDC has received appreciation letter IDA head office at Mumbai on NOAH programme for “Bright Smiles and Bright Future”

**3.6.8 What intervention strategies have been adopted by the institution to promote the overall development of students from rural/ tribal backgrounds?**

Strategies are listed at 5.1 and 2.2, involvement of students in all activities has already been explained in earlier paragraph.

**3.6.9 What initiatives have been taken by the institution to promote social-justice and good citizenship amongst its students and staff? How have such initiatives reached out to the community?**

- PIMS do not discriminate students of different geographical areas, caste, religion, gender. During the orientation of 1<sup>st</sup> year students of all constituent units, they are exposed to the mission, vision, objectives and value systems of the Organization which has been evolved from a cooperative movement with social-justice as main motto from the local farmers. The students are encouraged to adopt humanitarian approach with the fellow students, patients, and their relative and community members during their entire academic tenure at the University. Student symposiums and workshops are arranged on patient-doctor



communication and interpersonal and inter-professional relationships. The students are exposed intensively in all extension and outreach activities of PIMS which are tailored to upliftment of the vulnerable sections of the community in both semi-urban and rural areas. This will help imbibe on their minds the importance of humanitarian approach with good behavior and social justice in order to be a responsible citizen. Awareness rallies, lectures, camps, celebration of comprehensive days. Involvement of all stake holders inclusive practice. Themes: Constitution, social justice, rural development, community health, civic rules, service values, duties and responsibilities. Organization of camps, Adoption of villages and families; Service through PHCC;

- Marathon race for health
- e-strategies to reach out to remote places

**3.6.10 How does the institution align itself with the annual themes / programs of WHO/ ICMR?**

PIMS-DU align itself with various institutional and community level activities organized at all constituent units with the annual themes and programs of WHO, ICMR, Ministry of Health and Family Welfare, Government of India and Government of Maharashtra.

The **maternal and child health (MCH) recording system** (*Classifying form for low risk and high risk ANC's, Check list for services, Child Health Record etc*) being followed at the Department of Obstetrics and gynecology and Pediatrics of Pravara Rural Hospital and its eight Rural and Tribal Health Centres and two Mobile Clinics is as per the WHO guidelines for developing countries. The Pravara Rural Hospital of PIMS also adopted the WHO concept of **“Safe Hospital Program”** and conducted various training programs for faculty and students on this subject.

The CSM of PIMS DU also adopted the WHO concept of **“Healthy Settings”** and designed innovative special programs such as **“Healthy Village”, “Health Promoting Schools and SHAPE”** and conducts various training-workshops to community members and CBOs on the subject. Besides all the constituent units of PIMS celebrates majority of the international and national level public health days and themes by organizing special seminars/ workshops/quiz/debate/elocution competitions, mass awareness sessions at institutional and community level. RDC’s PHD celebrates World Oral Health Day (20<sup>th</sup> March), Oral Hygiene Day (1<sup>st</sup> Aug.), World No Tobacco Day (31<sup>st</sup> May), Healthy Mouth & Body Day.

**Table 20:** Celebration of Public Health Days and Other Mass Health Awareness Programmes organized by **Centre for Social Medicine** during 2011-2016.

Sr. No	Particulars	2011-12	2012-13	2013-14	2014-15	2015-16	Total
1	Workshops organized	4	5	7	11	4	40
2	Batches	9	11	18	258	204	500
3	Benefiters	1721	664	1827	27263	23683	55258





**3.6.11 What is the role of the institution in the following extension activities?**

- \* **Community outreach health programs for prevention, detection, screening, management of diseases and rehabilitation by cost effective interventions.**

The faculty and postgraduate students of Department of Community Medicine of Rural Medical College has been involved in the following community outreach health programs for investigation and management epidemics in the neighbourhood villages and urban areas.

**Table 21: Faculty & Students Involvement in Epidemic Control in the area**

Sr. No	Date	Place	Type of Epidemic
1.	17-02-2012 17/8/2012	Pravara Kanya Vidyamandir Loni Sainik school, Loni	Gastro-enteritis Typhoid
2	2013	Sainik School, Loni	Typhoid
3	06-05-2013	Action taken on sighting of dead fish	Dead fish
4	01-06-2013	Panodi Tal-Sangamner	Viral fever
5	29-07-2013	Kokangaon Tal-Sangamner	Cholera
6	28-12-2013	Girls Hostel Engg. College, Loni	Food Poisoning
7	12-04-2014	PIMS Ladies Hostel, Loni	Chickenpox
8	21-04-2014	Staff Quarters, PIMS, Loni	Gastro-enteritis
9	26-08-2015	Pravara Public School , Pravara Nagar	PUO
10	26-09-2015	Songaon Tal-Rahuri	Swine Flu
11	15-12-2015	Ashvi Tal -Sangamner	Gastro-enteritis

- \* **Awareness creation regarding potable water supply, sanitation and nutrition.**

All the constituent units of PIMS conduct various health awareness activities in the community emphasizing the importance of prevention of diseases, health promotion on safe water supply, environmental sanitation, and good nutrition through health talks, poster exhibitions, video shows (pani), drawing and elocution competitions, training of community health workers, school teachers, students, special sanitation drives (Swatch Bharat), motivation for constructing toilets etc. Health education sessions are also conducted to individual patients and groups of mothers during antenatal visits at PRH & Extension Health Centres and Mobile Clinics.

CSM has designed, developed, and published innovative, culturally & regionally acceptable, information, education and communication (IEC) material like books, training manuals, kits, games (snake & ladder), flip charts, posters, calendars, video films on social issues like Female feticide (*Supari*), Water Pollution & Purification (*Pani*), HIV/AIDS and Adolescent Reproductive Health (*Jeev Lakh Mulacha*) etc on various public health promotional issues .

The CSM conducts various training programs, FGDs for community members such as Female Health Volunteers, PRI members, School students and teachers etc in monitoring and behavioural change communication (BCC) activities in the field of potable water supply, sanitation and nutrition. All the FHV's are trained in testing the potability of drinking water from the villages through Ortho-toll din test and submit the report to Gram Panchyats. The CSM also trained the PRI members in disinfection of open sources of water etc.



The CSM conducts regular sanitation drives and awareness sessions, workshops on sanitation and hygiene including “Swachh Bharat Abhiyan” under its Healthy Village movement and School Health Hygiene and Environment (SHAPE) programs and Health Promoting School Campaigns.

The CSM has organized a *Swachh Bharat Abhiyan* from **20<sup>th</sup> to 25<sup>th</sup> November 2014** in Six Villages and Schools–Pimpri lokai, Chandrapur, Khali, Galnimb, Tisgaonwadi and Durgapur wherein 3180 school students, teachers, general public of the village and CSM staff have participated. On this occasion special health talks were given on the importance of environmental hygiene & sanitation, personal hygiene, hand hygiene to all the school students, teachers and general public. A special school & village cleanliness drive was undertaken with the active participation of students, teachers, village leaders and CSM staff.

The CSM and other constituent units of PIMS also undertakes special drive on nutrition education in schools, anganwadi centres, gram arogya banks etc through nutrition exhibitions, competitions etc and in villages through workshops, promotion of kitchen gardens, medicinal gardens, Spirulina production and distribution etc

\* ***Awareness creation regarding water-borne and air-borne communicable diseases***

The PIMS through its constituent units conducts various awareness programs through its Community Radio Talks, e-health Video Conferencing Sessions, Multi-diagnostic Camps and the outreach services of Rural Health Centres, Mobile Clinics, Gram Arogya Banks, SHAPE, Healthy Village, Health Check-up and Screening Camps on all infectious diseases including water borne, air-borne etc, It also designed and printed IEC material including specially printed handouts, leaflets on Dangué, Malaria, Chicken guinea etc.

\* ***Awareness creation regarding non-communicable diseases - cardiovascular diseases, diabetes, cancer, mental health, accident and trauma, etc.***

The PIMS through its constituent units conducts various awareness programs through its Community Radio Talks, e-health Video Conferencing Sessions, Multi-diagnostic Camps and the outreach services of Rural Health Centres, Mobile Clinics, Gram Arogya Banks, SHAPE, Healthy Village, Health Check-up and Screening Camps on non-communicable diseases - cardiovascular diseases, diabetes, cancer, mental health, accident and trauma, etc.

\* ***Awareness creation regarding the role of healthy life styles and physical exercise for promotion of health and prevention of diseases.***

Awareness creation regarding the role of healthy life styles and physical exercise for promotion of health and prevention of diseases in the operational area / villages of the University is done regularly by all the constituents units through Community Radio Talks, e-health Video Conferencing Sessions, Multi-diagnostic Camps and the outreach services of Rural Health Centres, Mobile Clinics, Gram Arogya Banks, SHAPE, Healthy Village, Health Check-up and Screening Camps

Avoidance of fast foods and beverages are important for prevention of obesity. Various modes of exercises including yoga and relaxation techniques are included in the fitness programs prescribed by the students and staff as a part of outreach activities of College of Physiotherapy of PIMS



Regular exercise and prevention of obesity are emphasized during health talks. Statistics are given of the various lifestyle diseases and benefits of healthy lifestyle are stressed on the different groups of populations like school going children by SHAPE activities, youth, adolescents, so that healthy habits are inculcated by them at a young age which will go a long way in the prevention of these diseases.

**\* Awareness creation regarding AYUSH Systems of medicines in general and / or any system of medicine in particular.**

The CSM promotes awareness creation regarding Ayurveda, Yoga and Medicinal Gardens for rural health workers and general public through the following methods.

- 1) CSM has developed a Medicinal Garden Demonstration Unit with a number of medicinal plants in its campus for imparting training to village level health workers and Gram Panchayat members. It also promoted number of medicinal and nutritional gardens in the adopted villages.
- 2) A Special Module on Ayurveda and Yoga was developed for Training ASHAs/School Teachers in “Arogya Mitra” Certificate Course
- 3) Ayurveda and Yoga was an integral part of primary health care delivery system in “Gram Arogya Bank” that are functioning in 16 villages under Centre for Social Medicine of PIMS
- 4) Special exposure visits as part of Curriculum to AYUSH System of Medicine Schools (Ayurveda, Homeopathy & Traditional Medicine) to all the international students who undergo Certificate in Social Health and Development.
- 5) Training in Basic Yoga was conducted to all Teachers and Students of 30 schools which are part of the School Health Hygiene and Environment Program (SHAPE) of Centre for Social Medicine
- 6) Yoga Week was celebrated from 10<sup>th</sup> –21<sup>st</sup> June 2015 at Rural Health Centre, Rahata of CSM wherein 25 women members of Sri Shakti and Sarwamat Mahila Mandal, Rahata were trained on various Yoga Asanas in collaboration with the faculty of College of Physiotherapy.
- 7) CSM has celebrated Yoga Day at Primpri Lokai Gram Arogya Bank on 23.06.2015 wherein 180 students from ZP school and 50 villagers have participated.
- 8) Sports Cell of PIMS conducts regular Yoga demonstration and training Camps for students, faculty and staff of all the constituent units round the year for developing fitness culture and health awareness.

**\* Complementary and alternative medicine**

- A special workshop was conducted by Dr. Sujata Vaidya of “Mind Body Soul – Total Health Restoration”, Pune in 2016 Red Hall of RMC for all the faculty and students of all constituent units of PIMS
- Documentation of Herbal medicine & traditional methods of treatment and Training of Traditional Healers and Traditional Birth Attendants of Bhandardhara Tribal Area is part of primary health care delivery system adopted by CSM.
- Workshop on dry needling, Sujog therapy
- Dental: NOHP (47 schools covered) distribution of oral health books (25579), house hold survey in 53 villages, MD camps, screening camps, treatment to AIDS, tribal people, mobile dental clinic, health talk, adoption of PHC at Zarekathi, participation in SHAPE, OPDs at PHCs, Tobacco cessation, oral cancer treatment.

**\* Pharmaco economic evaluation in drug utilization**

The PIMS in collaboration with State Health Systems Resource Centre (SHSRC), Pune and UNFPA, Mumbai has been conducting a research study on “Access to Safe Abortion Services in Maharashtra” in 2015-16. As part of this study PIMS has surveyed retail and wholesale pharmacists and FDA in 6 districts and Mumbai in Maharashtra for the availability of MTP drugs.



- \* **Participation in national programs like Family Welfare, Mother and Child Welfare, Population Control, Immunization, HIVAIDS, Blindness control, Malaria, Tuberculosis, School Health, anti tobacco campaigns, oral health care, etc.**

All the constituent units of PIMS such as Rural Medical College & Hospital, Rural Dental College, College of Nursing, College of Physiotherapy and Centre for Social Medicine participate, compliment and supplement and support actively in all national and state health services programs such as Family Welfare, Mother and Child Welfare, Population Control, Immunization, HIVAIDS, Blindness control, Malaria, Tuberculosis, School Health, anti tobacco campaigns, oral health care, etc. (As mentioned in 3.6.13)

- \* **Promotion of mental health and prevention of substance abuse**

Conduction of Training of Trainers (ToT) Workshop on Mental Health for the faculty and postgraduate students of College of Nursing by the researchers of Griffith University & Nossal Institute of Public Health, Australia

Training of 47 peripheral health workers (ASHAs) in mental health in collaboration with Griffith University & Nossal Institute of Public Health, Australia

- \* **Adoption of population in the geographical area for total health care.**

The PIMS has adopted nearly 180 villages (51 tribal villages) and 100 urban-slums with a strong university-neighbourhood network covering over 6,00,000 population in the neighbourhood Blocks namely Rahata, Rahuri, Shrirampur, Sangamner, Kopergaon and Akole (Tribal) of Ahmednagar district of Maharashtra, for faculty-student engagement and contributing to the comprehensive development of students and sustained community development through teaching, training, research, services and extension activities.

Besides, the University has also promoted university-neighbourhood network which is in the service of vulnerable sections of community in Urban-slums of Nashik, Malegaon, Lasalgaon, Sinner and Manmad Blocks of Nashik District of Maharashtra.

- \* **Research or extension work to reach out to marginalized populations:** As mentioned in 3.6.4

### **3.6.12 Do the faculty members participate in community health awareness programs? If yes, give details.**

Yes all the faculty members of all constituent units (Medical, Dental, Physiotherapy, Nursing, Social Medicine (Public Health), and Biotechnology) participate in various community health awareness programs throughout the academic year.

- **All faculty members of PIMS** conducts health awareness camps on various health issues in Rural Health Centres, Mobile Clinics, Health Check-up and Screening Camps, SHAPE etc regularly.
- Faculty members actively participate in free multi diagnostic and mini camps
- Faculty members participate as a resource person in community health programs.
- Faculty members participate in ‘Namasthe doctor – Video Conferencing Program’ to create health awareness.
- Faculty members periodically participate in ‘Health Talk Show – Hello Doctor’ on Community Radio Station



- Faculty also participate in various other out-reach activities Details of the activities mentioned elsewhere

The PIMS Faculty is actively involved in community empowerment, advocacy and behavioural change communication activities in 250 villages of Ahmednagar district through celebrations of Public Health Days/Weeks, Seminars/Workshops, FGDs, Mass Awareness Sessions, Street Plays/Folk media, Audio-visual shows, educative kits & tools etc.

The CSM has designed, and published about 50 innovative, culturally & regionally acceptable, gender sensitive information, education and communication material like video films, books, training manuals, kits, games (snake & ladder), puzzles, charts, posters, flip charts, calendars etc.

**Table 22: List of IEC/Health Education/AV Material developed by CSM of PIMS-DU**

No	Books/Training Manuals/IEC Material	No	Books/Training Manuals/IEC Material
1	Training Manual on Healthy Village	2	Training Manual on Reproductive Health and HIV/AIDS
3	Training Manual on Child Health	4	Letter of Foetus to Mother
5	Proceeding of Drawing and Eassy Competition	6	Booklet on Substance abuse and De addiction
7	Booklet Breast Feeding	8	Fist Aid Booklet
9	T. B. A. Training Booklet	10	Cancer Booklet
11	Reproductive and child Health Booklet and Personal Hygiene	12	Training Manual on Removal of Blind Faith and Believes
13	Spirulina Booklet	14	Booklet on Organic Farming
15	Instruction Manual for nurses For Filling up Child Health Record	16	Instruction manual for MVC Card (Eng.)
17	Anemia Mirror	18	Flip chart on HIV / AIDS
19	Folder on Adolescent Health	20	Folder on Antenatal & Postnatal Exercise
21	Folder on Diet	22	Folder on Safe Mother Hood
23	Folder on guide line on Breast Feeding	24	Folder on Contraceptives
25	Folder on World Breast Feeding day	26	Folder on Avoid Death due to Diarrhea
27	Clean Drinking Water LD Foam Calendar	28	Rules for Health LD Calendar
29	Snake & Ladder Game on safe Drinking Water	30	Comprehensive School Health Education & Promotion LD Foam Calendar
31	Children Grow up Like You LD Foam Calendar	32	Children Learn What They Live - LD Foam Calendar
33	First Aid on Snake Bite Folder	34	Snake & Ladder Game on Healthy Diet
35	Folder on Care of new borne baby	36	Safe motherhood L. D. foam calender
37	Immunization folder	38	Video film on Female Foeticide "Supar"
39	Video film on Water Pollution and	40	Video Film on "Letter of Foetus to





No	Books/Training Manuals/IEC Material	No	Books/Training Manuals/IEC Material
	Environmental Sanitation “Water”		Mother”
41	A Video film on “ Child Health Care”	42	A Video film on “Antenatal Care Visit”

The PIMS-DU conducts health education sessions to rural people through Community Radio and Rural e-health Centers, where in faculty members are involved

**Table 23: Details of “Namaskar Doctor” & “Hallo Doctor” Programmes**

“Namaskar Doctor” Video Conferencing Program with Village IT Centres, Every Tuesday, 4:30 to 5:30 pm			“Hallo Doctor” Community Radio Kendra Program, Every Wednesday, 6:30 to 7:30 pm	
Year	No. of Programs	No. of Participants attended	No. of Programs	No. of Participants attended
2011 - 2012	52	1,040	30	10,000
2012- 2013	45	1,000	22	1,20,000
2013 - 2014	17	463	20	1,10,000
2014 - 2015	52	1101	52	1,45,689
2015 - 2016	52	1933	39	94,532
<b>Total</b>	<b>218</b>	<b>5537</b>	<b>163</b>	<b>4,80,221</b>

**3.6.13 How does the institution align itself and participate in National program for prevention and control of diseases?**

PIMS and its constituent units support all the Public Health Programs of Central and State Governments like National AIDS Control Program (NACP), National Cancer Control Program (NCCP), National Control of Blindness Program (NCBP), Revised National Tuberculosis Control Program (RNTCP), National Rural Health Mission (NRHM) etc by implementing the following programs

- a) National AIDS Control Program (NACP) as per the guidelines of NACO, Govt. of India
  - Anti-Retroviral Therapy (ART) Centre – the 2<sup>nd</sup> Referral ART Centre of Ahmednagar district was started at Pravara Rural Hospital functioning under the Department of General Medicine of Rural Medical College under PPP for providing services to over 5000 PLHIV
  - Mother-to-child transmission of HIV/AIDS (VCTC) Centre was started in Department of Obstetrics and Gynecology of Rural Medical College Hospital under PPP for providing services to all pregnant women undergoing treatment
  - Targeted interventions among Female Sex Workers for prevention of STI & HIV/AIDS in Nashik District, Maharashtra with the support of Pathfinder International, USA (2005-2011) and Maharashtra State AIDS Control Society (MSACS), Mumbai (2011-2017) – implemented by Centre for Social Medicine of PIMS-DU
  - Targeted interventions among Male having Sex with Male (MSM), Transgender population for prevention of STI & HIV/AIDS in Nashik District, Maharashtra with the support of Pathfinder International, USA (2005-2011) and Maharashtra State



AIDS Control Society (MSACS), Mumbai (2011-2017) – implemented by Centre for Social Medicine of PIMS-DU

- Targeted interventions among Migrant Workers for prevention of STI & HIV/AIDS in Malegaon City of Nashik District, Maharashtra with the support of Maharashtra State AIDS Control Society (MSACS), Mumbai (2011-2017) – implemented by Centre for Social Medicine of PIMS-DU
  - Targeted interventions among Migrant Workers for prevention of STI & HIV/AIDS in six blocks of Ahmednagar District, Maharashtra with the support of Maharashtra State AIDS Control Society (MSACS), Mumbai (2013-2017) – implemented by Centre for Social Medicine of PIMS-DU
  - Vihaan Care and Support Centre (Vihaan CSC) for people living with HIV/AIDS was established in 2015-16 with the support of Global Forum Against ATM through Network of Maharashtra for PLWHIV (NMP+), Pune
  - Eight Integrated Counseling and Testing Centre (ICTC) at Rural Health Centres (RHCs) of PIMS – Rahata, Babhaleshwar, Kolhar, Pathare, Zarekathi, Lohare, Shendi (tribal) and Rajur (tribal) in collaboration with Maharashtra State AIDS Control Society (MSACS), Mumbai (2016) under PPP.
- b) Revised National Tuberculosis Control Program (RNTCP)
- Free Microscopy & Treatment Centre, DMC cum DOTS center was established at Pravara Rural Hospital, Loni in 2005 under the supervision of Department of Community Medicine, RMC under PPP. During the last 5 years (2011-2015) the Centre has done 5,895 sputum examinations, 277 NSP, 299 MSN, 120 retreatments and 570 EP (Table 25)

**Table 24: Services rendered by the DOTS Centre at PRH, Loni (2011-2015)**

Year	Sputum examined	NSP	MSN	Retreatment	EP	Total
2011	737	56	74	17	104	251
2012	891	71	82	22	131	306
2013	1263	81	94	42	149	366
2014	1511	71	72	20	148	311
2015	1493	54	51	36	142	283
Total	5,895	277	299	120	570	1266

- Urban TB Awareness & Monitoring Program in Nashik Road Area in collaboration with Municipal Corporation of Nashik under Urban RNTCP under Public Private Partnership (PPP)
- c) National Control of Blindness Program (NCBP)
- Department of Ophthalmology of Rural Medical College conducts regular Eye Screening Camps for Cataract in rural areas of Ahmednagar district and refers them to Pravara Rural Hospital for further operative treatment since 2006.
- d) National Rural Health Mission (NRHM)
- Conducted CMEs for Government Medical Officers Ahmednagar, Buldhana and Jalgaon districts of Maharashtra under NRHM during Jan – Mar 2013
- e) National Reproductive and Child Health Program (RCH)



The Department of Obstetrics and Gynecology and Dept. of Pediatrics of Pravara Rural Hospital of RMC, eight Rural & Tribal Health Centres and Mobile Medical Clinics of CSM actively participates in Janani Suraksha Yojana (JSY) and Sishu Suraksha Yojana (SSY) and ASHA Programs of government of India.

The Department of Pediatrics of PRH and Rural Health Training Centre (RHTC), Rahata of RMC also participates in National Universal Immunization Program (UIP) and serves as Immunization Centre and provides vaccines to all eligible children and also participates in regular Pulse Polio Program.

### **3.7 Collaborations**

#### **Introduction to Collaboration**

PIMS – DU has established international collaborations with renowned universities industries, institutions, NGOs and government to provide globally competent higher education, build efficient health care delivery system, facilitate joint collaborative academic & research activities, exchange of faculty and students. Parent organization of PIMS – Pravara Medical Trust, played a major role in fostering the international linkages since 1999

#### **OBJECTIVES:**

- To promote and provide opportunities, to facilitate collaborations, linkages, participation, networking with international universities/institute/organizations for promotion, advancement, sharing of experiences of academic and research knowledge and enhance collaborative research and extension activities in medicine, health and allied sciences
- To serve and work towards improvement and development of rural life, health care delivery system amongst the general population through international collaborations

#### **THURST AREAS OF COLLABORATIONS (Academics/ research/ exchange/ extension/ facilities)**

<ul style="list-style-type: none"> <li>▶ Medical Sciences &amp; Health care</li> <li>▶ Biotechnology – Biological Sciences</li> <li>▶ Dental Sciences</li> <li>▶ Community Medicine &amp; Rural Health</li> <li>▶ Physiotherapy &amp; Occupational therapy</li> <li>▶ Nursing Care &amp; Education</li> <li>▶ Agricultural Medicine</li> <li>▶ Occupational Health</li> <li>▶ Rural/remote medicine</li> <li>▶ Occupational medicine/health</li> <li>▶ Health care delivery system</li> <li>▶ Alternative systems of medicine</li> </ul>	<ul style="list-style-type: none"> <li>▶ Communicable &amp; non-communicable diseases</li> <li>▶ Reproductive &amp; child health</li> <li>▶ Health management &amp; economics</li> <li>▶ Health care financing</li> <li>▶ Medical informatics</li> <li>▶ Medical biotechnology</li> <li>▶ Public and community health</li> <li>▶ Public and community health</li> <li>▶ Emerging and re-emerging diseases</li> <li>▶ Health policy</li> <li>▶ Health informatics</li> <li>▶ E-health</li> </ul>
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PIMS-DU has international collaboration with 25+ global universities and organization. National collaborations and linkages are with State Health Division and Govt. of Maharashtra, NGO’s, National Health Missions, PRI Institutions, SHG’s, Cooperative Societies and Banks, Factories and Immuno and Pharma industries.



**A. International Collaborations for Staff/ Student Exchange Programme :**

PIMS-DU has entered in to collaboration with international organizations and foreign universities.

Sr. No	Collaboration & in Association with year of Collaboration	Duration
1.	ERASMUS + Programme, funded by European Union. Lund University and RMC	2016 – 2017
2.	University of Worcester, United Kingdom (CSM, CON COPT)	2016 – 2020
3.	Lund University, Sweden, (RMC)	2014 – 2019
4.	Department of Neurobiology, Care Sciences and Society, Karolinska Institute, Sweden (COPT)	2012 – 2017
5.	Department of Internal Medicine, Intitutionen Sodersjukhuset, Karolinska Institutet, Sweden (RMC)	2011 – 2014 2016 - 2017
6.	University of Skovde, Sweden (CON)	Since 2005
7.	Erasmus Mundus Action Plan 2 India to Europe (EMINTE), Strand 1, Lot 13 (India) All colleges	2013 - 2017
8.	Drake University, Des Moines, USA (CSM, CBT)	2012-2017
9.	Oregon University System, IE3 Global Internship Programme, Portland State University, USA (CSM)	Since 2011
10.	EUPHARATES - ERASMUS MUNDUS, India to Europe Mobility (all colleges)	2013 - 2017
11.	Tufts University, Boston, Dental Council of India (RDC)	Since 2007

**B. International Collaborations – for Undertaking Research :**

Sr. No	Collaboration & in Association with year of Collaboration	Duration
1.	Jiv Daya Foundation, Dallas, Texas, USA (OBY, RMC)	2015-2018
2.	Drake University, Des Moines, USA (Tribal Health & Medicinal Plants) (CSM, CBT)	2012-2017
3.	University of Greifswald, Germany, German Research Foundation (CSM, Social Physiology)	2007 – 2009 2015 - 2016

**C. Collaborations with International Organizations for rural health, agri medicine exchange programmes**

Sr. No	Collaboration & in Association with year of Collaboration	Duration
1.	International Association of Agricultural Medicine and Rural Health (IAAMRH) and WHO, ILO, FAO, UNICEF, and UNFPA	Since 2006
2.	Network – TUFH Project, Netherlands	Since 2006
3.	International Association of Agricultural Medicine and Rural Health, Japan	Since 1985
4.	International Association of Agricultural Medicine and Rural Health & International Commission for Occupational Health, Japan	Since 2009
5.	Association of Agricultural Medicine and Rural Health in India and FAKOOZ Hungary (National Society of Family Physician) & Hungarian Club Doctors, Hungary	Since 2000
6.	Pioneer Research Foundation, Novi Michigan, USA. (upgrading facilities at neonatal care at PHC's/RMC)	2016 – 2021



**D. Previous Collaborations for exchange of faculty, student & research extension training**

Sr. No	Collaboration & in Association with year of Collaboration	Duration
1.	Partner University in European Commission EM External Co-operation Window Lot 15 & 13, European unions, Brussels *	2009 - 2012
2.	University of Milano, Italy & International Association of Agricultural Medicine and Rural Health, Japan	2007 - 2012
3.	University of Pecs, Hungary	2004 – 2008
4.	School of Public Health, Queensland University of Technology, Australia	2005 – 2010
5.	School of Public Health, Queensland University of Technology, Australia	2005 – 2010
6.	Linkoping University & County Council of Ostergotland, Sweden	1999 to 2008
7.	University of EI Bosque, Columbia	2010 – 2012
8.	Griffith University, Australia & Nossal Institute for Global Health, Melbourne, Australia	Since 2013

**E. Collaboration under Erasmus Mundus:**

**i) ERASMUS MUNDUS:** PIMS – DU is Partner University for four programmes under Erasmus Mundus

**ii) ERASMUS MUNDUS EXTERNAL CO-OPERATION WINDOW LOT 15 & 13 (Period 2009 – 2012)**

- PIMS – DU students were awarded 14 scholarships (UG–7 and PG – 7)
- PIMS received two faculty members from Karolinska Institute, Sweden for the period of three months (specialty: Medicine – 01, Physiotherapy – 01)

**iii) ERASMUS MUNDUS EXTERNAL CO-OPERATION WINDOW LOT 13 (Period 2009 – 2012)**

- PIMS – DU was awarded 5 scholarships (Students – 04, all for Masters Mobility, and Academic Exchange – 01)
- Scholarships for two students from lot 15 were upgraded to masters programme in Public Health

**iv) ERASMUS MUNDUS EXTERNAL CO-OPERATION WINDOW LOT 13 (Period 2009 – 2012)**

- PIMS received two students (One from Karolinska Institute, Sweden for UG programme in Public Health – 6 months, and One from University of Amsterdam for PG Programme in Public Health – 10 months)
- PIMS received one faculty from Katholieke University Leuven, Belgium – Specialty: Anthropology

**v) ERASMUS MUNDUS ACTION PLAN 2 INDIA TO EUROPE (Period 2013 – 2017)**

- Partner Universities – (Consortium of 10 European and 10 Indian Universities)
- 107 scholarships were awarded for the Indian students going to Europe, of them 2 are from PIMS-DU





Sr. No.	Name of Student	EU University	Course	Duration
1	Dr. Nimish Hemant Godbole Student of Internship MBBS. Rural Medical College, Loni.	Uppsala University, Sweden	Public Health	22 Months [01/09/2014- 15/06/2016]
2	Mr. Richard Jashwant Mahida, 4 <sup>th</sup> Year, Bachelor of Science Nursing Student. College of Nursing, Pravara Institute of Medical Sciences – Deemed University Loni	University College Dublin, Ireland	Development Studies	12Months [01/09/2014- 31/08/2015]

**vi) EUPHRATES (Erasmus Mundus Action Plan 2 Project)**

Total of 140 scholarships were sanctioned for Indian students, of them 6 are from PIMS-DU

Sr. No.	Name of Student	EU University	Course	Duration	Mobility
1	Ms. Kulkarni Nupoor, Assistance Professor, COPT, PIMS-DU	TEI of Patras, Greece	Nursing, Midwifery, Physiotherapy	22 Months 4/12/2014 to 3/10/2016 Revised 02/7/17	PhD
2	Mr. Aashirwad Mahajan, Assistance Professor, COPT, PIMS-DU	TEI of Patras, Greece	Nursing, Midwifery, Physiotherapy	22Months 4/12/2014 to 3/10/2016 Revised 02/7/17	PhD
3	Dr. Subhash M. Khatri, Principal, COPT, PIMS-DU	TEI of Patras, Greece	Nursing, Midwifery, Physiotherapy	01 Month (Yet to avail)	Advance training
4	Dr. Deepak Vikhe, Senior Lecturer, RDC, PIMS-DU	Universida de de Santiago, Spain	Dentistry	1 month 21/9/2015 to 21/10/2015	Advance training
5	Dr Mandar Malvade, Assistance Professor, COPT, PIMS-DU	University of Porto, Potugal	Physiotherapy	One Month Selected in June 2015. Yet to undertake mobility	Advance training
6	Mrs Sangita Arun Shelar M Sc. Clinical Instructor, CON, PIMS-DU	Universidade de Santiago, Spain	Masters Programme in Health Care & Management	6 months 21st August 2016 – 21February 2017	Advance training

**vii) Erasmus + (Lund university & department of medicine Interns)**

**viii) Linnaeus Palme – Scholarship Programme**

- KAROLINSKA INSTITUTE, SWEDEN, Department Of Neurobiology, Care Sciences And Society: (L P funding since 2011 – 2017) (Exchange, quality in PT)
- Department Of Internal Medicine: (L P funding 2016 – 2017)



**F) Outcome of International Collaborations**

- ▶ Established Advanced Intensive Neonatology Unit at Pravara Rural Hospital with support from County Council of Ostergotland and Linkoping University
  - ▶ Pediatric Cardiac Surgery facilities
  - ▶ PIMS has developed Cancer Research, Treatment and Diagnostic facilities through the collaboration with the international agencies
  - ▶ Problem Based Learning (PBL): university has developed and implemented innovative teaching methodology – PBL through the support and training from Linkoping University
  - ▶ Faculty and Paramedical staff of the PIMS had opportunity to perceive advanced training in their respective subjects at the international universities
  - ▶ Paramedical staff have been benefited by this exchange programme.
  - ▶ Special emphasis on maternal and child health care at the Rural Health Centers by organizing capacity building workshops of the paramedical staff
  - ▶ Faculty exchange has contributed to developing certain areas of specialization namely:
    - ▶ neonatology, pediatric surgery, cytology and onco-pathology, MIS, HIS, ICU, radiation oncology, anaesthesiology, molecular biology laboratory, physiotherapy & rehabilitation, phacosurgery, oral surgery and problem based learning.
  - ▶ International students undertake elective posting at PIMS – DU. Posted at Rural Health Care Centers and Mobile clinic.
  - ▶ Visiting students undertake minor projects in the filed of community health under the supervision of faculty from PIMS. Since 2004, **19 Projects** have been undertaken by the visiting students
  - ▶ International students undertaking elective training at PIMS under the exchange programme are awarded **15 Credit points** by the collaborating university.
  - ▶ One of the unique features of the exchange programme has been that 2 paramedical staff through EMECW could perceive higher studies at the European universities
  - ▶ Received devices for patients – free of cost
  - ▶ Visiting international faculty are providing their expertise and guidance to the postgraduate and PhD students
  - ▶ International Faculty have been appointed as Professor Emeritus/ Visiting Professors/Adjunct Faculty in the various constituent institutes of PIMS – DU
  - ▶ Initiate joint collaborative research projects
- **Silver Jubilee International Center at PIMS-DU**
  - **Professor Emeritus:** Dr Dattarayadu Nori (*Padmashree Awardee*) Professor and Chairman, Radiation Oncology Department, the New York Presbyterian Hospital, Weill Cornell Medical College, New York City, USA.
  - **Visiting Professor:** Dr Kristina Kindblom, Ph D, Professor in Physiotherapy at Department Of Neurobiology, Care Sciences and Society, Karolinska Institute, Sweden. Dr. Prashant A. Jani, Dept. of Pathology & Laboratory Medicine, Thunder Bay Regional, Health Centre, Canada.



- **Adjunct Faculty:** Dr. Pramod Mahajan, Ph D, Professor of Pharmacology in the Pharmaceutical Sciences Department at Drake University College of Pharmacy and Health Sciences, Des Moines, Iowa, USA.

**G) SUMMARY OF EXCHANGE PROGRAMME (Visits)**

Particulars of Exchange	2011 - 2016
<b>PIMS-DU to Foreign University</b>	
No. of faculty of PIMS-DU visiting other universities abroad	<b>29</b>
No. of students of PIMS visiting other universities abroad	<b>11</b>
<b>Foreign University to PIMS-DU</b>	
No. of faculty visiting PIMS from aboard universities	<b>53</b>
No. of students visiting PIMS from aboard universities	<b>101</b>

(PIMS-DU is the only private Deemed University in India having participation in 'ERASMUS MUNDUS', EUPHARATES EM.)

**H) Read Ahead.....**

PIMS looks forward to foster more such linkages with international universities. Develop and start joint Masters programme. Bring in more international expertise for further strengthening the health care delivery system. Strengthen process of initiating Tribal Health Research Center with support from US Universities. Develop academic programmes in inter-disciplinary subjects. Start online value added programmes for undergraduate students. Upgrade the existing facilities at neonatology and cancer center. Promote joint collaborative research activities.

**I) Formal Linkage of National agencies are listed**

S. No	Name & Place	Period From – to	Area of Collaboration	Major outputs
1.	India Study Abroad Centre (ISAC), Mumbai	Jan – Dec. 2011	Training of international students in rural and public health	3 international students were trained for 4 weeks during the year.
2.	Cupid Ltd, Nashik (Condom Manufacturing Industry)	2010-11	Community-based Interventional research	Completed Research Project on “Efficacy and Acceptability of Female Condom in rural and urban population of Ahmednagar district”
3	National Health Systems Resource Centre (NHSRC), New Delhi	2013	Evaluation of ASHA Scheme in Maharashtra	Implemented the project
4	The Humsafar Trust, Mumbai	1 <sup>st</sup> Aug, 2012- 30 <sup>st</sup> Sept 2012	Technical Support to CBO (Manmilan Bahudhyesh Samajik Sanstha, Nashik)	Implemented the project
5	State Health Systems Resource Centre (SHSRC), Govt. of Maharashtra, Pune	1.11.2012- 31.10.2015	Public health policy research	Implemented the project
6	Healis Inst. of Public Health, Mumbai	Nov-Dec. 2012	Evaluation of Tobacco Control Act in M.S	Conducted the research study Submitted the research report



7	Maharashtra AIDS Control Society (MSACS), Wadala, Mumbai	2013-2016	TI for migratory Workers for Prevention of HIV /AIDS in A'Nagar	Implementing the Project and serving 10000 Migrant Workers in Ahmednagar district
8	Neeti Aayog (formerly Planning Commission), GoI, New Delhi	2015-16	Registered under NGO Portal for submitting on-line Project proposals for funding	Centre funded project
9	Maharashtra Skill Development Society ( <i>mahakaushalya.com</i> ), GoM, Mumbai	2015-16	Enrolled as Parent Organization as well as Voluntary Skill, Development Training, Centre for undertaking skill, Development training, Programs under Health Sector	In the process of starting skill development courses
10	Networking of Maharashtra for People Living with HIV/AIDS (NMP+), Pune	2015	Network of Maharashtra people living with HIV –AIDS	Established Care & Support Centre for PLHIV and providing services for about 4500 HIV+ people
11	KEM Research Centre, Pune	2014-15	Health and Demographic Surveillance	Initiated the Project on HDSS in 13 villages in Phase I
12,	Yashwantrao Chavan Academy for Development and Administration (YASHADA), Pune	2013	Evaluation of Gov. Schemes pertaining to rural health & development	Empanelled by YASHADA as a Technical Consultative Agency
13	Jankidevi Bajaj Foundation, Pune	2015	Training of Community Health Workers Technical support to establish Gram Arogya Banks	Two training programs organized at CSM Supported establishment of two Gram Arogya Banks in the operational area of Bajaj Foundation in Pune
14	Centre for Studies in Rural Development (CSR D), Ahmednagar	2011 - 2015	Training of MSW students in Block Placement	2011 – 3 2012 – 5 2015 - 1 Total – 9 students trained
15	Krishi Vigyan Kendra (ICAR Project) of PIRENS, Babhaleshwar	2012 – till today	Health Education / Awareness through Community Radio	Conducting Weekly “Namaskar Doctor” Radio Program for one hour, besides health education.
16	Indian Council of Medical Research (ICMR), New Delhi	2012	Organizing International Conf. on Rural Health	Co-funded the conference Participated in the proceedings of Conference
17	Medical Council of India	2012	Organizing International Conf. on Rural Health	Co-funded the conference
18	Action Aid India, New Delhi	2012	Organizing International Conf. on Rural Health	Co-funded the conference Participated in the proceedings of Conference
19	Appolo Pharmacy, Hyderabad	2012	Organizing International Conf. on Rural Health	Co-funded the conference
20	Draeger Medical India Pvt. Ltd, Mumbai	2012	Organizing International Conf. on Rural Health	Co-funded the conference
21	Torrent Pharmaceutical Ltd. Mumbai	2012	Organizing International Conf. on Rural Health	Co-funded the conference



J) Faculty and students have informal linkage with Indian universities, research & education.

**3.7.1 How has the institution's collaboration with other agencies impacted the visibility, identity and diversity of campus activities? To what extent has the institution benefitted academically and financially because of collaborations?**

Pravara Institute of Medical Sciences – Deemed University in its quest to provide globally competent higher education, build efficient health care delivery system, facilitates joint collaborative academic & research activities and exchange of faculty and students. At present the university collaborates with number of international universities and organizations world over. On an average, every year 15 – 20 faculty and students visit our university under various exchange programmes and research activities. Equal opportunity is also provided for our faculty and students international universities. Foreign students are encouraged to undertake elective training at our hospital and primary health care centers. The partnerships developed over the years have contributed in enhancing the academic and research activities at the university through active staff & student exchange programmes. The linkages have helped us to improve the health care and health care delivery system to the rural and tribal population of this region.

The PIMS – DU has entered into 25 formal MoUs with international universities, since its inception and of which 10 MoU's have been initiated in the last 5 years. The names of such institutions are given above at 3.7

**3.7.2 Mention specific examples of how these linkages promote**

❖ **Curriculum development –**

The collaborations developed over the years has resulted in active participation in the curriculum development by the visiting international faculty particularly in the field of nursing, physiotherapy and public health. The international faculty has been appointed as Visiting Professors, Adjunct Faculty & Professor Emeritus. The international faculty actively participate in updating the curriculum, teaching learning evaluation (particularly of PhD students) and faculty development programmes by conducting regular workshops

❖ **Internship –** PIMS DU students have an opportunity to undertake electives at the renowned international universities. Similarly International students from various specialities of medical and allied sciences visit PIMS – DU and participate in the elective programmes under the guidance of PIMS Faculty.

❖ **On-the-job training –** Physiotherapy and Nursing are sent to universities in Europe to seek exposure in the respective areas of specialization

❖ **Faculty exchange and development –**PIMS – DU over the years has actively facilitated the staff student exchange programmes through participation in the Linnaeus Palme Scholarship Programme and Erasmus Mundus. Both these programmes provide an opportunity to our faculty and students to participate in the academic and research activities at the European universities. **The exchange programmes are fully funded scholarship programmes**

❖ **Research –** Visiting international students undertake minor projects during their electives at PIMS – DU. Similarly joint collaborative research projects in the field of diabetes, tribal health and medicinal plants have been undertaken with the support of Karolinska Institute, Sweden and Drake University, Des Moines, USA





- ❖ **Publications** – The collaborations have enhanced the quality of publications and helped to assess the outcome of community outreach activities by PIMS - DU
- ❖ **Consultancy** – A Number of consultancy cum clinical trials have been undertaken as per international collaboration – (details given at 3.2)
- ❖ **Extension** – International students and faculty are encouraged to participate in the extension activities of PIMS – DU which includes attending Primary Health Care Centers, Mobile Clinics, Multi-diagnostic Camps and various community projects undertaken by PIMS – DU. (details given at 3.6)
- ❖ **Student placement** – the MOU’s leading to empowerment of students has indirectly resulted in better progression and placement.

**3.7.3** *Has the institution signed MoUs or filed patents with institutions of national/international importance/other universities/industries/corporate houses etc.? If yes, how have they enhanced the research and development activities of the institution?*

Yes. The PIMS – DU has signed 25 MoU’s since its inception and in the last 5 years PIMS – DU has signed 10 MoU’s. These collaborations have helped us to improve the health care delivery system, initiate joint research projects, exchange of staff and students to seek advanced knowledge. The eminent scientists from the collaborating institutes have shared their knowledge and technical know-how.

**3.7.4** *Have the institution-industry interactions resulted in the establishment / creation of highly specialized laboratories / facilities?*

The international linkages has helped to establish Diabetic Clinic, upgrade the facilities at Central clinical Laboratory, establish NICU, perform pediatric cardiac surgeries, develop special care facilities for maternal and child health in tribal and rural areas, upgrade and seek international expertise in cancer diagnostics and treatment facilities, undertake joint community outreach projects to develop Primary Health Care Centers. The industry linkages have helped research collaboration leading to clinical trials and research (pediatric surgery, dentistry and physiotherapy)

**3.7.5** *Give details of the collaborative activities of the institution with the following:*

- ❖ **Local bodies/ community: CSM**  
Collaborative activities include diagnostic health camps, blood donation camps, health education activities, school health services, medical and dental treatment camps, and street plays. This Institute organizes extension activities through Community Medicine and Public Health Dentistry with the assistance of local bodies/ Panchayat level at village, slums, schools, industrial units and jail inmates around Ahmednagar District (234 villages).
- ❖ **State Government / Central Government / and National bodies:** proactive participation in National and State health Missions, Health Insurance Schemes.
- ❖ **International agencies :** List enclosed
- ❖ **Health Care Industry** – Biomedical, Pharmaceutical, Herbal, Clinical Research Organization (CRO)



- ❖ **Service Sector:** Government and semi government organizations, NGO's in health and rural development sector.

**3.7.6** *Give details of the activities of the institution under public-private partnership:*

The hospital facilities, treatment, medical services and expertise of medical and Dental hospital are free of cost for indoor patients, in addition to food and medicines which are also provided free of cost. The PIMS - DU provides free treatment for below poverty line patients under the Rajiv Gandhi Jeevandayee Arogya Yojana. The College of Nursing, departments of Pediatrics and Community Medicine are involved in intensive pulse polio immunization under the national program of polio eradication.

Pravara Model of Integrated Holistic Rural Socio Economic Development and Comprehensive tertiary care in a remote rural and tribal area is the best example of P-P-P (details are given at 3.2 and 3.6)



*Criterion - IV*  
***Physical Infrastructure  
and  
Learning Resources***



**Pravara Institute of Medical Sciences  
(Deemed University)**









**CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES**

**4.1 Physical Facilities**

**Preamble:**

PIMS-DU is located on a spacious green campus of 115.9 acres at Loni, Tal: Rahata, Dist: Ahmednagar. It is on a state highway connecting Nashik and Ahmednagar (Loni – Sangamner Road). It is totally a remote area (distance from Loni to Mumbai – 350 km, to Pune - 185 km, to Nashik - 100 km, Aurangabad 110 - km, Ahmednagar - 70 km, Pilgrimage centre Shirdi - 30 km, Taluka Rahata - 20 km). Nearest airports are Pune, Nashik and Aurangabad. Nearest railway stations are Shirdi, Shrirampur (Belapur), Kopargaon, City railway stations are Nashik, Pune, Aurangabad and Junctions at Daund and Manmad.

As per Pravara Rural Development Model, in order to promote education, professional health education and rural tertiary health care, Pravara Medical Trust – came in to existence in 1972. It established Pravara Rural Hospital in 1976 (100 Beds), then other health institutions were established (Medical – 1984, Dental – 1989, Physiotherapy - 1997, Nursing – 1998, Biotechnology - 2001 and Center for Social Medicine - 2001). Accordingly, hospital facilities developed on the campus, in order to have integrated and holistic approach in rural health care and professional health science education. PIMS-DU was established as a deemed to be university in 2003. Since then PIMS-DU has grown as per a systemic action plan in terms of physical facilities, health education systems, and tertiary health care. Simultaneously, it has created and is improving its physical facilities as per the mandatory requirements of MCI/ DCI/ INC and UGC. It has realized the concept of PURA of Dr. APJ Abdul Kalam Former President of India, who appreciated PMT’s PIMS-DU’s efforts as a “Pravara Model of PURA”, worthy on illustration and follow-up by others.

A bird’s eye views of physical facilities are as follows:

**A) Academic and Hospital Building:**

Sl. No.	Name of the Building & Its utilities	Year of Construction and Extension	Total Built-up Area(Sqm)
1.	RMC Academic Block old and Extension (G+2) housing pre and para clinical departments + Dean’s office + 3 large step seminar halls (Red – Blue – Gray)	1988 & 2008	16739
2.	RMC OPD Block and RDC Block (B+G+3) Ground + I floor – Medical OPDs 2 <sup>nd</sup> + 3 <sup>rd</sup> Floor – RDC Block + PMT + PIMS-DU office Basement – College of Physiotherapy, Counter Centre, Medical Record Department, IT, Central Store	1988 & 2007	32951
3.	Pravara Rural Hospital - Old Block (600+ beds, wards of 12 depts. + OT’s)	1976	10378
4.	Pravara Rural Hospital New Block (600+ Beds, Modular OTs + Wards)	2015	20446
5.	PIMS-DU Lecture Hall, Auditorium Complex (3 Seminar halls+Exam Hall) (G+1)	2015	5312
6.	PIMS-DU College of Nursing Block (G+2), Nursing College + CSM block (G+2)	2010	5428



7.	Hospital Support Block – Casualty Block (G+1)	2016	851
8.	Pravara Rural Hospital Special Rooms Block (G+2)	2015	5732
9.	Pravara Rural Hospital – Support Block	2016	964
10.	RMC – Academic Block New+ PIMS-DU-DU (New) + Food Court	2016	17325
<b>Total Main Building Blocks – 10, Total build-up area = 1,16,126 sqm.</b>			

**B) Hostel Buildings**

**a. Boys Hostel –**

Sr.No	Name Of Hostel and (year of establishment)	No.of Rooms	Capacity	At Present Occupancy	Carpet Area (Sq.M)	Utility by students of
1.	RMO Hostel (G+5) 2015	72	139	120	6853.53	PG M.B.B.S. + PG RDC
2.	Old Boys Hostel (G+2) 1988	100	300	218	3508.53	M.B.B.S. + Dental + Physio. + Nursing
3.	New Boys Hostel (G+5) Nearing completion	197	341	0	7429.85	M.B.B.S. + Dental + Physio. + Nursing
4.	Shankhala Hostel (G+2) (on rent)	101	240	222	9613.20	M.B.B.S. + Dental Interns
<b>Total</b>	<b>4 hostels</b>	<b>470</b>	<b>1020</b>	<b>560</b>	<b>27405.11</b>	

**b. Ladies Hostel –**

Sr.No	Name Of Hostel	No.of Rooms	Capacity	At Present	Carpet Area (Sq.M)	Utility
1.	Ladies Hostel no.1(G+2) 1986	55	110	91	1539.55	B.D.S. + Nursing
2.	Ladies Hostel no.2 (G+2) 1986	61	122	86	1539.55	PG + M.B.B.S. Intern
3.	Ladies Hostel no.3 (G+2) 1987	56	112	101	1539.55	M.B.B.S. + COPT
4.	New Girls Hostel (G+3) 1997	250	503	482	10631.96	M.B.B.S. + B.D.S. + COPT
5.	P.G & Interns Hostel (G+3) 2011	134	268	239	4195.53	All Interns, UG, M.B.B.S.
<b>Total</b>		<b>556</b>	<b>1115</b>	<b>999</b>	<b>19446.14</b>	

**c. International Students Hostel**

Sr.No	Name Of Hostel	No.of Rooms	Capacity	At Present	Carpet Area (Sq.M)	Utility
1.	International Student Block (G+2) 1988	108	180	107	6743.45	PG + Interns (Boys + Girls)



**C) Residential Blocks (Flats Complex) Completed –**

Sr. No.	Type of Building Bloks (named as per carpet area)	No.s	No. of Flats	Carpet Area of Each Flat (Sq.M.)	Carpet Area of All Flat (Sq.M.)	Utilities
1	760 (G+2)	08	8x6=48	70.63	3390.24	Allotted to HODs
2	a)525(G+2) b)525(G+3) (2004-09)	04 05	4x9=36 5x8=40	48.79 48.79	1756.44 1951.60	Allotted to working staff
3	425(G+2) (1987)	08	8x12=96	39.49	3791.04	Allotted to working staff
4	325(G+2) (1987)	01	1x12=12	30.20	362.40	Allotted to working staff
5	Lecturer Quarters (G+2) (1990)	02	2x6=12	41.25	495.0	Allotted to lecturers
6	Lontek Farm Quarters (1982)	05	5x1=05	30.10	150.5	Allotted to working staff
7	D Type Quarters (1979)	08	8x1=08	36.77	294.19	Allotted to working staff
8	Nursing Quarters (1980)	23	1x23=23	85.63	1969.49	Allotted to working staff
	<b>Total</b>	<b>64</b>	<b>280</b>		<b>14158</b>	

**D) Residential Blocks (Flats Complex) Nearing completion –**

Sr. No	Type of Building	Nos.	No.of Flats	Carpet Area of Each Flat (Sq.M)	Carpet Area of All Flat (Sq.M)	Utility
1.	760(G+6)	01	20	70.63	1412.6	For Staff
2.	550(G+6)	01	28	51.11	1431.08	For Staff
3.	450(G+6)	01	28	137.19	3841.32	For Staff
4.	350(G+6)	01	42	33.45	1404.9	For Staff
5.	Brother Dormitory (G+5)	01	36	33.45	1003.5	For Male Nurses
	<b>Total</b>	<b>05</b>	<b>154</b>		<b>9051</b>	

E) Residential Blocks for Officers/ Deans: Total 8 blocks with 16 houses + one bunglow of Chancellor.

F) Guest Houses

- a. PMT Guest House (G+3/15 Rooms/732 Sqm/30 Capacity) 2014
- b. PMT New Guest House (G+3/32 Rooms/2040 Sqm/64 Capacity) 2015

G) Sport Ground: 7.5 Acres

- a. All Sports, Athletics, games / 400x8 running track, Cricket, Football, Kabaddi, Kho-kho etc.
- b. 2 Basket Ball courts (Cemented Floor) and shuttle Badminton court
- c. 1 Tennis court (Cemented Floor)
- d. Multigym and fitness centre blocks at all hostels.
- e. Steam and sauna bath at Girl's hostel.



- H) Other Buildings blocks for Support facilities: 8 PHCs, Security, Electricity, Water Storage, Dharmshala, ART Centre, Indira Kitchen, Zunka Bhakar Kendra, Animal House, CSSD
- I) Campus Support Facilities:
  - a. Gardening and plantation along the roads and around buildings, 12 gardens around the buildings (223 R), Medicinal plants, and fruits garden (1772 plants), Fruits plants Orchard (1567 Fruits), Varieties of tree plants – 74 Species (5792 Plants), Garden Plants Variety – 20 Species (12384 plants), Plantation every year (2011 – 215, 2012-83, 2013-153, 2014-220, 2015-255)
  - b. Centralized RO, Drinking Water facilities: 24x7 potable water supply
  - c. Amphitheatre, Food Court, dining hall, lobbies; Elevators in each blocks
  - d. Fire fighting system and fire extinguishers
  - e. Centralized Sewerage & Effluent Treatment Plants and its recycling
  - f. Electricity back up; UPS; generators; transformers; safety devises
  - g. Solar water heater system, Specious parking area for 2/4 wheelers
  - h. Security systems, CCTV surveillance
  - i. Multipurpose utility complex – Shops, Banks, etc.
  - j. Workshop, Vehicle department, Maintenance department
  - k. Street lights, pavements, Tar/Cement roads, drainage systems
  - l. Centralized collection of wastes and waste aggregation
- J) Unique and salient features:
  - a. Clean, neat, green and spacious campus, landscaping gardening, plantation, road, street lights, sign boards, guarded entry points, 24x7 security – electricity – water – CCTV monitoring
  - b. Elevators, ramps for patients and physically challenged
  - c. Spacious corridors, natural light and ventilation
  - d. Aesthetically designed blocks, compounded campus
  - e. Good coverage for fauna and flora - especially birds and flowering plants

#### ***4.1.1 How does the institution plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?***

- PIMS-DU and its parent trust PMT continuously review its plan on institutional facilities, based on needs of academics, patient care, student support and faculty support.
- Its also updates its physical facilities based on needs for the introduction of new courses, enhancement in intake, requirement of additional staff, increase in the enrollment of students, enhancement number of beds, OPDs/IPDs facilities, ICU, OTs, casualty, diagnostic facilities and so on.
- It also reviews and updates the facilities as per the latest norms of statutory bodies.
- It also renovates the existing buildings and physical facilities at regular intervals.
- All the constructional activities, location of the buildings are as per the master plan and landscape of the spacious campus.
- The physical facilities created and available on the campus has been tabulated and given at 4.1
- PIMS-DU / PMT have full-fledged engineering section with qualified engineering staff and skilled labor forces to execute the plan and its maintenance.



As per academic and health care planning of Pravara Institute of Medical Sciences (DU), Pravara Rural Hospital of Pravara Medical Trust plans the infrastructure facility accordingly. The institutes planning and construction of infrastructure is in a phased manner depending on it requirement:

**Following infrastructures have been constructed during the last 5 years:**

- Extension of RMC old block, Hospital extension of old building
- 7 storied RMO hostel constructed in two phase: Phase I: caters accommodation for 131, Phase II: caters accommodation for 96, Total Provision for 227 accommodations
- Hospital new building G+6 has been constructed with the total area of 2.2 lakh sqft. Houses labour room and maternity complex, 8 modular OT, ICU, cardiac cathlab and accommodation for 600 patients is made available. The building is provided with 5 lifts and staircases for patients, relatives and the hospital staff. Adjacent to the basement of this building, CSSD has been constructed having an area of around 7000 sqft.
- Medical college building (G+7 storied) of Rural Medical College has been constructed
- Lecture halls cum auditorium complex: 2 lecture halls with 250 capacities and 1 lecture hall cum auditorium with 500 capacity is constructed. A large examination hall is also provided.
- Modification and renovation of the Casualty and Emergency Department, surgical wards of the old hospital, college of Physiotherapy and Orthopedic wards.
- Besides this, the accommodation for boys hostel (7 storied building with a capacity of 365 accommodation) is under construction and nearing completion.
- New facility for residential accommodation for faculty, nursing staff is almost at the verge of completion.
- A 5 Storied (G +4) building for Brothers Dormitory (accommodating 102 male nurses) is at the verge of completion
- Optimum utilization of infrastructure is ensured as under.
  - Hospital building for patient care 24X 7.
  - Collage buildings for academic purpose from 9 am -6pm by each department.
  - All support services and facilities for faculty students and patients – 24x7.

**4.1.2 Does the institution have a policy for the creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.**

The policy framework for the creation, new initiatives and enhancement of facilities have been given at 4.1.1 and 4.1

Select illustrations are as follows:

1. Hospital Extension Block, RMO's Hostel, CSID complex
2. New RMC Academic Blocks + PIMS-DU + Food court
3. Lecture Hall cum Auditorium, Multipurpose complex
4. New boys hostel, Male nurse dormitory, New guest house
5. Special rooms / ward, Casualty block
6. Renovation of laboratories, museums, old hostels, old hospital, residential quarters, new furniture, fixtures and so on.
7. APJ AK COPT building is under construction





8. Enhancement in the capacities of beds, wards, ICUs, OTs, Isolation wards, ARTC, DOTS center.

**4.1.3 *Has the institution provided all its departments with facilities like office room, common room and separate rest rooms for women students and staff?***

Yes, All the departments of constituent units of PIMS-DU have been provided with office room, staff room, common rooms (boys and girls), basic amenities (lunch rooms, wash rooms, drinking water, lighting etc.)

**4.1.4 *How does the institution ensure that the infrastructure facilities are barrier free for providing easy access to college and hospital for the differently-abled persons?***

Yes, PIMS-DU / PMT has provided lifts and ramps at all strategic points of buildings. Wheel chairs are made available on request and need.

**4.1.5 *What special facilities are available on campus to promote students' interest in sports and cultural events/activities?***

Following facilities are available for sport, games and cultural activities

A) Sport and Games

- a. 7.5 acres of sports ground (400x8 athletic tracks, ground for all group games – cricket, football, track and jump events)
- b. 2 basket ball court (Cemented floor), 1 tennis court (Cemented floor)
- c. Multigym centres at all hostels, steam and sauna, Indoor sport facilities

B) Cultural Events: Auditorium, Amphitheatre, Audio - acoustic facilities

C) Availability of Directorate of Sports for guidance with adequate sports material and facilities

D) Annual sports competition and cultural activities – ‘Padmanjali’

**4.1.6 *What measures does the institution take to ensure campus safety and security?***

- Fully secure campus with compound walls and gates
- Guarded entrance points with security check at entry points, gates guarded by security personnel, 24x7 security at all strategic points.
- Street lighting, good roads, sign boards, CCTV monitoring, 24x7 mobile security patrolling, walky-talky, mobile connectivity, Telephone PBX, instant reporting, Women Grievance Redressal Cell, regular supervisor check, mobile anti ragging squad.
- Systemic review, surprise check, feedback and strengthening strategies
- Mock drills, Fire fighting security systems
- All the employees with identity badges and class IV, nursing personnel and security personnel in proper dress code
- All students are given Identity badges
- Entrance to hostels is restricted and entry is only with permission



#### **4.1.7 Facility of Animal House**

- Animal house is registered by CPCSEA in 2001. New building was constructed in 2004 as per CPCSEA guideline with buildup area of 5250 Sq.ft. It is located within a lush green campus of PIMS-DU behind the civil department and away from human habitation. It is free from dust, smoke, noise, wild rodents, insects and birds. Animal resource center caters need for rabbits, guinea pigs, rats and mice for training and research. The functioning ARCMR (Animal Research Centre for Medical Research) follows the MCI and CPCSEA norms. Veterinarian, officer in charge along with his trained staff maintains animal house as per CPCSEA guidelines.
- Animal Experimentation is allowed only when the research protocols are cleared by IAEC, which include CPCSEA nominee and other members. So far IAEC has cleared and approved 12 research projects within last 3 years (2013-14, 2014-15 and 2015-16).
- Animal house has the approval for breeding and selling experimental animals as per CPCSEA guidelines.

#### **4.1.8 Provide the following details on the use of laboratories / museums as learning resources:**

- PIMS-DU – has provided number of laboratories and museums, to all the pre and para clinical departments, diagnostics and therapeutics laboratories, research laboratories, skill laboratories and all the necessary instrumentation and equipments to cater the needs of syllabi / curricular transaction and patient care as per the mandatory requirements of MCI, DCI, INC, UGC and other statutory bodies.
- The detailed types of laboratory, instrumentation and their usage have been given by each department in their Departmental Evaluative Reports (DERs). The laboratories are named as per the usage – histology, histopathology, clinical biochemistry, urology, immunology, physiology, hematology, FMT, clinical pharmacology, and analysis, immuno-histochemistry, nursing college laboratory (foundation, surgical, MCH, nutrition, CHN etc), physiotherapy laboratories (kinesiotherapy, electrotherapy, musculo skeletal physiotherapy, neuro physiotherapy, cardiopulmonary physiotherapy, community physiotherapy), dentistry laboratories (patho, micro, endo, perio, pedo, implant, ortho, prostho and PHD, oral medicine)
- The Department of Anatomy has a dissection hall as per the norms of MCI.
- There are museums in the departments of anatomy, physiology, pathology, FMT, CM, surgery, radiology, pharmacology, nursing (different branches) and physiotherapy. Museums have rich collection of specimens, charts, posters, catalogues, models and manuals. SOPs are provided. The specimens are arranged systematically in each laboratory. Study materials at museum are made available.
- All the laboratories, museums are upgraded every year with the addition of latest biomedical instrumentation.
- Central Clinical Laboratories with auto analyzer, semi auto analyzer for biochemistry and hematology, clinical histopathology laboratory, medical microbiology, diagnostic laboratories, blood bank, mortuary, and others facilitates learning at UG/PG level along with hands on experience



- The skill laboratories available are made use by surgical and allied departments, nursing and physiotherapy departments and their facilities are made use to teach students.
- The facilities at radiation and imaging, oncology and oncotherapy also are put to use for PG/UG teaching and research
- The laboratories at Centre for Biotechnology viz molecular biology, tissue culture and cell biology are utilized to teach medical biotechnology.
- Apart from the student and research laboratories, there are clinical diagnostic facilities in clinical departments with sophisticated instrumentation.
- Diagnostics and therapeutics laboratories/ centres, blood banks, CCL, Radiology and imaging at PIMS-DU also provide required learning resources. (ECG, EEG, MRI, CT Scan, X-Ray, Endoscopic, Laparoscopic equipments, ECHO, Dialysis, Culture Lab, OT equipments)

#### **SKILL LABORATORY:**

The equipments procured are listed below:

- 1) CPR – PALS mannequins (Advanced life from infant crisis mannequins); Little Anne – CPR mannequins 2 Nos; Resusci Anne – CPR torso with skill guide with live feedback
- 2) Multivenous IV Training Arm Kit – with injection pads
- 3) AED trainer 2 –; Professional Skin pad 5 nos.
- 4) Male and female catheterization; IV training hand
- 5) CVC (Central Venous Catheterization Simulator); Larynx Parts
- 6) 2 in 1 IM injection model buttock

Dr. Tushar Bhavar, Assistant Professor, Anaesthesiology and Critical care, RMC, has been made in-charge of the skill lab. Dr. Tushar Bhavar is a trained instructor for BLS and ACLS. The mannequins were placed in the ground floor of the SPR and the mannequins of nursing college were also brought in to increase the stations. Regular training is being imported to the interns and the PG students. All the relevant materials, brochures, DVDs and relevant correspondence have been filed. One pen drive of “Clinical Learning” module with Dr. Tushar Bhavar for use in the skill lab. A laptop, LCD projector and screen are allotted to the skill lab for training purposes.

#### **4.1.9 Dentistry**

RDC, a constituent unit of PIMS-DU provides, UG/PG research education, tertiary dental care and management at personal as well as at community level. All the facilities as per DCI norms are available at RDC.

The institute is composed of 13 state of art Dental clinics and laboratories including eight clinical sections and five pre-clinical laboratories for training of the under graduate and post graduate students. Minor OT’s are available in the Department of Oral & Maxillofacial Surgery, Periodontics and Pedodontics. Sedation room for Nitrous Oxide-Oxygen conscious sedation is made available in Department of Pedodontics. Separate Implantology section is functional in collaboration with Noble Biocare. In the department of Oral Pathology, advanced diagnostic tools such as



Stereomicroscope, Research microscopes are available. Rural Dental College over and above maintains the standards as per minimum facilities and provisions in DCI guidelines and regulations.

**Dental chairs in clinic – specialty wise & total dental chairs:**

Sl. No.	Name of the department	For UG clinic	For PG clinic	Total
1.	Prosthodontics	30	12	42
2.	Conservative Dentistry & Endodontics			50
3.	Department of Orthodontics	18	14	32
4.	Oral Pathology		9	09
5.	Periodontics	34	12	46
6.	Oral Medicine & Radiology	14	11	25
7.	Oral and Maxillofacial Surgery	32	19	51
8.	Public Health Dentistry	-	23	23
9.	Pedodontics	22	8	30
10.	Shrirampur OPD	-	-	29
11.	Rahata OPD	-	-	09
12.	Other satellite centres	-	-	04
<b>Grand total of dental chairs</b>				<b>350</b>

- **Schedule of chair side teaching in clinics – specialty wise:**  
As per DCI norms, time table, curricular transaction, advance teaching, patient flow and batch allocation.
- **Number of procedures in clinics per month and per year at each department**

Sr. No	Procedure	No. Per Month	No. Per Year
1.	<b>Department of Prosthodontics</b>		
	Complete Denture	82	691
	RPD	26	281
	Cast Partial Denture	1-2	08
	Fixed Partial Denture		
	Cast	222	546
	Ceramic	281	
	Acrylic	211	
	Full Ceramic Crown	2	23
	Over-denture	0-2	6
	Maxillofacial	1	2-4
Implant	2	25	
2.	<b>Department Of Conservative Dentistry &amp; Endodontics</b>		
	SAF	355	2704
	Composite Restoration	400	3675
	Temp Restoration	489	4673
	RCT	243	1519
	Fiber Post	4	20
	Inlay/ Onlay	1	6
	PFM Crown	44	311
	Bleaching	2	10
	Endodontic Surgery	1	3



3.	<b>Department of Orthodontics</b>		
	Removable Appliance	76	717
	Myofunctional Appliance	7	52
	Fixed Therapy	22	168
4.	<b>Department of Oral Pathology</b>		
	Hb/BTCT	173	2073
	Biopsy	31	374
	Cytology	106	1281
5.	<b>Department of Periodontology</b>		
	Scaling	712	7667
	Minor Surgeries (Crown Lengthening, Root Planning & Curettage, Gingivectomy, Gingival Plasty, Coronoplasty / Splinting, Abscess Drainage )	61	757
	Implant		
6	<b>Department of Oral Medicine &amp; Radiology</b>		
	Inspection, palpation, percussion and auscultation of intra oral tissues procedure Examination of lymphatic systems of head and neck procedure Examination of TMJ procedure	2416	28399
	IOPA Adult	2937	35092
	IOPA Pedo	219	2447
	Bitewing and occlusal radiograph procedure	54	657
	Conventional extra oral radiographs procedure	769	1897
	Panoramic radiographic procedure	631	5300
	Biopsy technique procedure		
7	<b>Oral and Maxillofacial Surgery</b>		
	Impactions	61	552
	Extraction	288	2363
	Transalveolar Extraction	5	43
	Biopsy	9	81
	Alveoplasty	10	90
	Arch Bar Placement	5	45
	Implant	3	40
	Trauma	4	42
	Pathology	2	22
	Oncology	2	22
	TMJ	1	1
	Cleft Lip and Cleft Palate	2	15
	Distraction Osteogenesis	1	1
Orthognathic Surgeries	1	1	
Orofacial Infection	3	20	
Other	1	10	
8.	<b>Pedodontics</b>		
	Silver Amalgam	60	643
	GIC	401	4149
	Composite	36	302
	Miracle	10	149
	Direct Pulp Therapy	22	242
	Pulpectomy	71	602
	Pulpotomy	11	139
	Extractions	222	2343
	Stainless Steel Crowns	35	374
	Oral prophylaxis	260	2553
	Space maintainers	10	133
	Fluoride applications	16	169





	Minor Surgeries	5	36
	Pit and Fissure sealants	39	250
	Polycarbonate crowns	7	64
	Other appliances	1	32
	Other restorations	260	1640
<b>9.</b>	<b>Public Health Dentistry</b>		
	RCT	21	104
	Restoration	5	48
	Scaling	51	938
	Topical fluoride application	20	250

- **Instrumentation facilities at RDC & Dental Laboratories**

Sr. No.	Department	Instrumentation facilities
1	Conservative Dentistry and Endodontics	Radiography, ceramic Lab, thermoplastimised gultapurcha, surgical microscope and all related instruments for clinical procedures in conservative dentistry and endodontics
2	Periodontics	Implant kit, Laser, Electrocautery, Mobilometer, Florida probe, etc
3	Pedodontics	Nitrous Oxide Oxygen Sedation Unit, Endomotpr, Magnifying Loops, Radiovisiograph, Apex Locators, TENS, Endodontic pressure syringe, Biostar machine, Hydrosolder machine and related instruments to various clinical Procedures.
4	Prosthodontics	Pentamix, Ceramic furnace, Stereomicroscope, Lingual die trimmer, Acrylizer, Thermoplastically controlled wax bath, Induction casting machine and based on DCI requirement other equipments and instruments are available.
5	Orthodontics	Biostar machine, Hydrosolder machine.
6	Oral Medicine	OPG, RVG, IOPA X-ray machine, Extraoral Radiography machines.
7	Oral & Maxillo Facial Surgery	Implant unit, Surgical loups. Centrifuge machine, Surgical Microscope
8	Oral Pathology & Microbiology	Research Microscope and related diagnostic instruments.
9	Preventive Health Dentistry	Mobile Dental Van, Museum for education, Education models.

- **Mobile Dental Care Unit:**

The Public Health Dentistry Department has been provided with fully equipped mobile Dental Van to reach out to lakhs of people in the surrounding and distant patients including people living in small villages and many of the tribal areas like Rajuri, Shendi, Akole, Zarikatti and many more. Mobile Dental van is fully equipped with functional dental chair, all dental instruments and materials to provide preventive and therapeutic care at primary and secondary level of Prevention.

- **List of Dental Equipments in Mobile Dental Clinic**

Electrical Dental Chair with Foot Control Operations; Operating Halogen Light having imported glass reflector with 2 intensities; Auto water connection for spittoon & tumbler by switch; Low & High vacuum suction with auto start; Micro motor (35000 rpm) with straight & contra angle handpiece; Airtor complete set with straight & contra angle handpiece.; 3-way syringe, Piezoelectric Scaler Unit (EMS Company) 1 unit; Individual 20 Scaler tips which are autoclaved every time; Light Cure Unit LED Cordless, Portable X Ray Machine; Stainless steel instrument tray; X Ray Viewer, Dental Operators Stool; Portable /Foldable Manual Dental Chair with all



attachments (Ultra Sonic Scaler EMS with 3 tips, 3 Way Syringe, Airtor with standard handpiece, Micro motor-3500 RPM with straight handpiece & contra angle handpiece, Air compressor portable, Foot Control, Suction, Spittoon, Tumbler); Air Compressor – 2 hp; Sterilizer (Auto Cutt Off), Generator Set – 2 KV; Water Tank with Lid 250-300 Ltrs capacity fitted;

- **Various treatment facilities available at Mobile Dental Clinic Unit**

Simple Dental Tooth Extractions; Oral Prophylaxis which includes Scaling & Root Planning; Restoration of needy tooth; Emergency Root Canal Opening for Abscess drainage; Distribution of Free Medicines which includes Antibiotic & Analgesic with Paracetamol, Antacid, pediatric antibiotic suspension etc; Free distribution of Oral Health Pack consisting of tooth paste & brush for school students; Patients requiring additional treatment are referred to Rural Dental College & Hospital for further treatment.

- Facilities for dental and maxillofacial procedures (OT, anesthesia, pre and post operative procedures) and Dental laboratories

- **SATELLITE CENTERS:**

Rural Dental College runs Satellite centers in Srirampur (with 28 fully equipped dental chairs) Rahata (9 fully equipped dental chairs), Babaleshwar, Kolhar, Zarikatti, Pravranagar and at Pravara Public School (one fully equipped Dental chair at each center). Faculty & Students are posted in these centers and all the treatments are rendered to needy public effectively.

Rural Dental College Loni is well equipped with state-of-the-art dental Departments and laboratories to provide up to date training in various maxillofacial procedures in the departments of Pediatric Dentistry, Periodontics, Prosthodontics and Crown & Bridge, Conservative Dentistry & Endodontics, Orthodontics and Dentofacial Orthopaedics and Public Health Dentistry. Department of Oral Medicine and Radiology and Department of Oral Pathology is equipped with latest equipments, lab instruments and materials to carryout various diagnostic procedures. The departments possess all the requirements as per the norms (over and above) of Dental Council of India.

#### **4.1.10 Pharmacy – NA**

#### **4.1.11 Yoga and Naturopathy**

PIMS-DU, through its APJ AK College of Physiotherapy and Department of Sports provides training in yoga and meditation on regular basis to all students, faculty and their family members as well as interested public. There are teachers as experts in yoga to provide training. Physical facilities like spacious halls and public address systems are provided. International Yoga Day (21<sup>st</sup> June) and Yoga & Meditation week are celebrated every year to promote the health benefits of yoga for a sound mind in sound body.

(There is no naturopathy unit at PIMS-DU as it is not part of their health care programme)

#### **4.1.12 Homoeopathy: Not Applicable**



#### **4.1.13 Nursing**

College of Nursing was established in the year 1998-99. Befitting to the academic programme offered by it namely B.Sc. (N), P.B.B.Sc. (N), M.Sc. (N) with 5 specializations and their intake (50, 25 & 25 respectively). All courses are approved by INC. The college is housed in an independent building block (G+2) with buildup area of 5428 sq.m. The college is having all required facilities - class rooms (12), seminar hall (1), multipurpose hall (1), museums (common facility with RMC) and laboratories (6). Pravara Rural Hospital with its tertiary health care facilities and being a teaching hospital for UG PG and Ph.D. programmes, offers all the needed and required clinical facilities – beds, wards, ICUs, OTs, casualty, trauma care, CCL and other diagnostic laboratories.

#### **Following facilities are available in College of Nursing.**

**NURSING FOUNDATION LABORATORY:** As per the INC norm, nursing collage is having well established 3000 sqft nursing foundation lab. The objective of this lab is to teach all basic nursing procedures, skills to nursing students, nursing aids and OT technicians. All procedures are demonstrated by teachers and followed by redemonstration from the students. Lab is fully equipped and well furnished, Adequate number of required furniture's is available for teaching learning purpose. All necessary inventory articles are sufficient in numbers ie 10-11 sets of all items for practices of nursing students. For 6 practicing students, 1 bed is available. Ideal size of linens, beds, trolleys, barrier devices are available in sufficient numbers.

German made a total of four mannequins (Dummy) are in the lab (these are latest model for all advance nursing procedures). Human model for CPR is available with control electronic indicators .Regular maintenance and updating the lab is done by the teachers. Poster of hand washing, first aid in various conditions, nursing leaders, Florence Nightingale Pledge, theories in nursing etc are displayed in the lab.

**MEDICAL SURGICAL LABORATORY:** Collage of Nursing is having exclusive setup of medical surgical laboratory with all modem equipment's. Objectives of this lab is to teach special, complex lifesaving and advance nursing procedures to nursing students and bed side nursing staff.

Advance and multipurpose mannequins, IV infusion demonstration hand model, general OT procedures/operations, equipments and instruments, diagnostic instruments etc are available in adequate number. Model of ventilator, defibrillator, cardiac monitors, Ambu bag, Endo tracheal intubation equipments are available which are high tech machines and instruments. Medical surgical Nursing Procedures, SOP, demonstration of practical's, evaluation of skills, up gradation of lab etc are managed by teachers who are expert and specialized in critical care and medical surgical nursing.

**MATERNAL AND CHILD HEALTH LAB:** Yes, As per INC regulations, more weightage is given to maternal and child health care subjects. Hence college of nursing has developed a very much skill oriented and informative MCH lab. For logical and sequential learning, this lab is sub divided in to sub section ie antenatal care unit, labour room, post natal care unit, neonatal care unit, NICU and child care unit as well equipped with articles, instruments, models etc.



Lab is updated as per guideline of NRHM protocols .Lab is fully equipped and well furnished. To develop skill in conducting delivery, there are many models and enough beds to practice all necessary skills. Obstetrics and gynecology nursing, neonatal nursing, child health nursing and family planning practical's are demonstrated by expert and specialized teachers in the same subject.

**NUTRITION AND DIETARY MANAGEMNET:** Nutrition and Dietary management is a basic subject of nursing curriculum. To maintain a good nutritional status of people and use a skill of dietary management for promotional of health, prevention of diseases& nutritional rehabilitation is a major objective of nursing care, therefore nutritional lab is developed in such a way that present lab provides complete learning opportunities for the nursing students.

Students are acquiring skills in collaboration of nutritive values ,preparation of normal and therapeutic diet, various methods of cooking scientific methods of cooking, safety measures of handling of the foods, feeding and serving skills, decoration of menu, selection of nutritive food items etc in nutrition lab to acquire all above, skills Lab is well ventilated well equipped and well furnished.

Model of fruits vegetables, cereals, vegetables, pulses eggs, milk, meat, oil and oil seeds are displayed with information of their nutritive values. Under the supervision and guidance of expert teachers, student s are preparing the all type of diet (liquid, soft, normal, low and high protein diet, low and high residual diet, low fat, sodium restricted diet, calcium diets, etc). Exhibition on nutrition's various aspects, live demonstration in the community is organized regularly with the help of nutritional lab.

**COMMUNITY HEALTH NURSING LAB:** As per national goal "Health for all", our health services are based on preventive and promotive health care activities. Nursing students are trained to cater the need of the people and render primary health care services in the community .In view of this, Collage of Nursing is having well developed 2500 sqft CHN lab for teaching learning purpose .

To practice in the community, students should acquire specific skill; hence lab is having ideal 50 community bags. These bags are filled with all necessary articles and instruments which make the students enable to practice nursing procedure in the community setup. CHN lab is having all necessary equipments, instruments, AV aids, furniture's, water facilities, light and ventilation and models like ideal PHC ,CHC set up, ideal house, water purification plant, Sewage treatment plant, milk diary (pasteurization) plant which enhance the students learning .SOP of all home procedure and guidelines of each activities are available in the lab. Latest AV aids, poster, flashcards, govt. modules, NRHM modules, are our exclusive collections for this lab.

Expert and specialized teachers are incharge for this lab to teach and demonstrate various practical's in the lab and re demonstrate in community. Lab is continuously reorganized and updated as per change in the health care policy.

**PRE CLINICAL LABORATORY:** As per INC, college is having well developed pre clinical laboratory to acquire basic skill and better learning. On PIMS campus anatomy and physiology, biochemistry, microbiology and other pre and para medical units are available in Medical Collage. All nursing students learn and practice in these lab. At



collage level, anatomy lab (600sqft) is available with models (heart, lungs, kidney, stomach, brain, livers, pancreas, eyes, ear, throat, cell type of vertebrae, all types of bone and three articulated skeleton torso etc.), some common wet specimens also available in the lab.

**SPECIMENS, MODELS AND MANNEQUINS:** All kinds of models, specimens are available at above mentioned laboratories. Total ten mannequins (6 ideal & 4 Pediatric) are available in the collage .CPR model and mannequins, Defibrillator, crash trolley, photo therapy unit, baby warmer, delivery model, all stage of embryo development model. Placenta and episiotomy model, all anatomical model, community bags, public health and environmental sanitization model, life cycle of mosquito and round worm also available. All basic care procedure, protocol and required instruments in 3-4 sets are available in all labs.

#### **4.1.14 Ayurveda**

PIMS-DU has no Ayurvedic College under its ambit. However, the management of PMT has an Ayurvedic College at Shevgaon offering UG, PG Aurvedic degree programmes. Whenever holistic integrated teaching and blend with AYUSH concept is required, we invite the faculty of Ayurvedic College or take our students to visit and witness their facility and health care systems. It has an herbal garden, herbarium museum, panchakarma facilities, eye exercise clinic, Kshara Sutra and Agni karma setup as well as Aurvedic pharmacy. PIMS-DU also has an herbal garden in order to help research on Indian Medicinal Plants. Faculty members have filed the patent on herbal extract PRA-5 as a result of research studies.

#### **4.1.15 Does the institution have the following facilities? If so, indicate its special features, if any.**

- \* Meditation Hall
  - \* Naturopathy blocks
- } Details are given at 4.1.11

#### **4.1.16 Provide details of sophisticated equipments procured during the last four years.**

Select and major equipments purchased during the last 4 years are as follows:

CT Scan (Simen Make) 328 Lakhs, OT Equipments 227 Lakhs, Steam sterilizer 070 Lakhs, Anesthesia Workstation 060 Lakhs, Dosimetry Accessories 037 Lakhs, Surgical Lipt system (Polasiss) 028 Lakhs, Diesel Generator as power back up 161 Lakhs, All other equipments as per annexure - 160lakhs, CCL with semi / full autoanalyzers, Biotechnology – PCR, tissue culture instruments, incubators, Physiotherapy equipments for teaching and therapy. Total worth of equipments purchased is around Rs. 3000 lakhs, Details of list of equipments, their make, date of purchase and its value is given in the annexure as a document.





## 4.2 Clinical Learning Resources

### 4.2.1 Teaching Hospital of Pravara Medical Trust – Pravara Rural Hospital

1. **Year of establishment:** 1976
2. **Hospital institution distance:**  
On the same campus, 100 meters OPD / casualty blocks/ Hospital Block
3. **Whether owned by the college or affiliated to any other institution?**  
: It is owned by the PIMS-DU through its parent trust namely Pravara Medical Trust
4. **Are the teaching hospitals and laboratories accredited by NABH, NABL or any other national or international accrediting agency?**  
: Process has been initiated
5. **Number of beds:** 1275 beds as on 16<sup>th</sup> July 2016.
6. **Number of specialty services**

Sl.No.	Name of the Clinical Department	Beds	No. of Wards / units	No. of Super specialty service	Type of super specialty service
1)	Medicine	210	7	5	Cardiology, Diabetes, Nephrology, GE, Neurology
2)	Pediatrics	120	4	8	Cardiology, Neurology, Urology, Endocrinology, Hematology, Thalasemia Immunization, CGRC
3)	Psychiatry	15	1	3	Child guidance, deaddiction clinic, dementia
4)	Dermatology and STD	15	1	6	STD, Leprosy, Vitiligo, Inflammatory disorders, Trichology
5)	General Surgery	210	7	7	Urology, Plastic Surgery, Surgical GE, Neurology, Pediatric Surgery, Surgical Oncology, Diabetic Foot Clinic
6)	Obstetrics and Gynecology	120	4	6	Infertility, Cancer, Antenatal Clinic, Postnatal Clinic, FW & MTP, Menopausal Clinic
7)	Orthopedics	120	4	5	Hip & Knee Clinic, Spine Clinic, Hand Clinic, Arthroscopy, Pediatric Ortho Clinic
8)	Ophthalmology	70	2	5	Cataract, Retina and Squint, Pediatric ophthalmology, Glaucoma, Oncology
9)	ENT	30	1	3	Rhinology, Audiology Oncology
10)	Pulmonary Medicine	30	1	3	TB, COPD, Asthma, DOTS
11)	Radio-therapy & Oncology	30	1	8	Head & Neck, Breast, Cervix, Palliative Clinic, Dietician Clinic, Medical Oncology, Surgical Oncology, Tumour Board
12)	Anesthesia	0	1	1	Pain Clinic
<b>Total</b>		<b>970</b>	<b>34</b>	<b>61</b>	



**7. Number of super-specialty services:**

These are offered by specialists during specialty clinics – cardiology, neurology, nephrology, urology, paediatric surgery, medical oncology, surgical oncology, etc.

**8. Number of beds in ICU / ICCU / PICU / NICU, etc.:**

ICCU	MICU	SICU	RICU	Dialysis	PICU	NICU	Burn ICU	Pre-OP	Post OP	Labour Room
6	14	11	04	02	06	08+08	02	10	15	8

**9. Number of Operation Theatres:**

Type	Surgery	Ortho	OPH	ENT	OBGY	Traum a	Cancer	Septic	Total
Major	4	1	1	1	1	1	-	2	<b>11</b>
Minor	1	1	1	1	1	1	1	-	<b>07</b>
Total	5	2	2	2	2	2	1	2	<b>18</b>

(Emergency OT: 01, Endoscopy: 01)

**10. Number of Diagnostic Service Departments:**

Sl. No.	Department	Diagnostic service provided
1)	Pathology	Tissue Biopsy, Bone Marrow, FNAC, Immunochemistry (digital tissue processing and histopathology), Hematology
2)	Microbiology	Bacterial Culture and sensitivity, Serodiagnostics, biomarkers, Immunodiagnostic
3)	Biochemistry & CCL	Diabetic profile, Lipid Profile, Renal Profile, Cardiac Risk Enzymes, Anemia Profile, Tumor Markers like PSA, CEA, β HCG, Thyroid Profile, Fertility Profile – LH, FSH, Prolactin, Vitamins – Vit. D, B12, Folic acid, Blood Gas Analysis, Other body fluids like CSF, Ascitic, Pleural.
4)	Radiology & Imaging	Digital X-ray, USG, USG guided FNAC, MRCT, MRI, CT scan, DSA, Color Doppler, Mammography, CT angiography, CT guided FNAC, Barium Meal

Pneumatic shoot system is working to transport the blood samples from various wards to CCL, minimizing the time for transportation and speedy analysis and delivery of reports of the patients. It also reduces the manpower requirement.

**Clinical Diagnostic facilities:**

Sl.No.	Department	Diagnostic service
1)	Medicine	ECG, ECHO, Gastro Endoscopy, TMT, TEE, Cath lab
2)	Psychiatry	EEG, Psychimetry, ECT
3)	Gen. Surgery	Endoscopies and Laparoscopies
4)	Orthopedic	Arthroscopy
5)	Ophthalmology	Perimetry, Keratimetry, Ophmetry, Ophthalmoscopy
6)	ENT	Audiometry, Endoscopy
7)	Radiotherapy	Marker X-ray
8)	Paediatrics	IVG, Ventilator, Phototherapy, Thermo regulation, Surfactant therapy
9)	Pulmonary Medicine	PFT, Bronchoscopy



### **11. Clinical Laboratories:**

Central clinical laboratory situated on the first floor, is in close proximity to most of the out patients departments. It caters to the laboratory investigation needs in the disciplines of Clinical pathology, Hematology, Clinical Biochemistry and Clinical Microbiology, of all indoor and outdoor patients attending Pravara Rural Hospital and satisfies more than 98% of tests requisitioned by clinicians. The rest of the requisitioned tests are outsourced to a NABL accredited Laboratory which has a national presence.

CCL also provides hands on training for CMLT, DMLT, DCP and MD students specializing in Pathology. All wards have side laboratories.

### **12. Service areas viz. laundry, kitchen, CSSD, Backup power supply, AC plant, Manifold Rooms, Pharmacy Services:**

#### **a.CSSD (6000 Sq ft buildup area) adjacent to hospital and OT complex**

- 4 areas – changing, washing & cleaning, assemble & package, sterile storage and issue area.
- Equipments – high power autoclaves, ETO Sterilizer, Instrument washer and disinfectant, ultrasonic waves machine, glove testing machine
- Quality Control – Physical, Chemical, Biological,
- Well trained staff – Dress codes, SOPs, Vaccination protections
- Two dump elevators – (one for OT and one for wards)
- Functions round the clock

#### **b. Manifold Rooms (MGPS)**

- Central storage– manifold rooms at new hospital building – ground floor
- Oxygen supply–primary supplying through LSLVIE (11450 liter capacity, insulated and maintained by ‘Linde’, automatic alarm control
- Secondary source COGS – cylinder manifold station 2x14 station with imported control systems – ‘Dragger Medical Germany’
- Nitrous oxide – primary supply is through compressed gas system 2x5 cylinder manifold with fully automatic control (German Make)

#### **c. Medical Air, MA-4 and MA-7 (German Make) for respiratory anesthesia through 4 bars and for surgical anesthesia through 7 bars; auto control, reservoir tank, Eco pharm tower**

- Vacuum system – Baugh make – combo digital control
- Skilled manpower, shift system, 24x7 service
- Service through Biomedical Engineering Department and AMC

#### **d. Kitchen Services and Dietary services: PRH has its own central dietary service centre called “Indira Community Kitchen”**

- Food provided to patients as per dietary chart is free of cost, provided by Pravara Medical Trust; Qualified dietician, cooks, food handlers, routine medical checkup of personnel working in kitchen, dress code; Regular check for quality, distribution for the needy, cleanliness, taste, hygiene and storage
- Follows modern methods of cooking practices; Subsidized food for the relatives of patients



**e. Power supply and Backup (24x7)**

- Power drawn from Maharashtra State Electricity Boards
- Proper wiring / cabling, switches, control panels, circuit breakers, transformers as per ISI/standard protocols with safety norms
- 24x7 maintenance and backup by trained staff – 2 engineers + 1 supervisor + 30 electricians + 6 mechanics and operators.
- Power backup for emergency generators – capacity of 4000 KVA (Rs. 1.61 Cores); Two industrial transformers + one residential transformer (1 MVA + 500KVA + 750 KVA); 4 panel boards (2 industrial + 1 residential + DG panel)
- Test equipments (Megger, Tong tester, Earth Tester, Digital Techometer, load manager)
- Industrial D.G. sets (3 of 750 KVA and 1 of 500 KVA)
- Residential D.G. sets (2 of 500 KVA and 1 of 250 KVA)

**f. AC plants**

- Central air conditioning facilities for Hospital and OPDs (selected area), Blood Bank, CCL, ICU, CCU, NICU, Labor Room, OT, Central Library
- Split ACs provided at other strategic locations (225 Split + 42 window+ 11 centralized AC systems).
- Total AC capacity 450 TRs.
- 11 Centralized AC plants at hospital and colleges, 3 air cooling units, 60 water coolers (at 16 places), 92 refrigerators.
- Maintenance by trained personnel – 24x7

**g. Linen and laundry service as per MCI norms**

- Stock rooms and stores as per requirement on day to day basis
- Provision for regular indenting for fresh linen and regular check for removal of obsolete ones, change of linen in hospital as per SOPs
- Laundry service through – semi-automatic water boiler, sluicing cum washing machine, hydro-extractor and ironing
- Usage of standard and appropriate detergents, bleaching powder
- Qualified and trained personnel working in various shifts

**h. Solar Water Heating System:**

PIMS-DU has installed 24 solar systems at all strategic locations (hospital, college, hostels, and residential units, guest house – 136000 LPD). Electricity department maintain them round the clock for effective functioning.

**13. Blood Bank services:**

PRH of PIMS-DU has a FDA certified and proactive blood bank with all the provisions for whole blood, component preparation, therapy, storage, deep freezer, refrigerator, temperature controlled alarm freeze, quality assurance, 24x7 services by qualified and trained personnel. Facilities for screening of blood for HIV, HCV, STD, are in place. Register for donors, prospective donors, annual statistics data is maintained. It is supervised and monitored by the Blood Bank Officer, Department of Pathology and MS of PRH. Since it is the only tertiary hospital and trauma care available in the vicinity of 50 kms on Nashik – Ahmednagar highway, Blood bank is



playing a vital role in blood donation / therapy related health care and life saving strategies.

**14. Ambulance services:**

Three ambulances, including a cardiac ambulance are available at PIMS-DU, fitted with all the necessary biomedical instruments (oxygen cylinder, portable ventilator, defibrillators, infusion pump, suction pump, ECG, Froth suction, Laryngoscope and all other basic and life support equipments). Provision of trained nurse, driver and dedicated doctors exist. Surprise check and drills are performed to ensure readiness 24x7. Apart from these, PRH also empanels other private ambulances.

**15. Hospital Pharmacy services:**

PRH has its own hospital pharmacy service through 5 medical stores and one generic medical store (Jan Aushadhi). They are managed by trained and qualified pharmacists and assistants. Process of procurement, storage, preservation and documents are computerized. Quality checks are in place. Department of Pharmacology and staff of Pharmacy College help in periodic, random and surprise check by FDA certified authorities. The Drug Review Committee meets quarterly.

**16. Pharmacovigilance & Drug Poison Information Service:**

There is Pharmacovigilance unit / adverse drug reaction monitoring centre. The staff of the Department of Pharmacology, Medicine and office of MS of PRH are involved in it. The committee supervises review and oversee the activities related to programmes and check on awareness, sensitization, reporting and liasoning with other agencies. Drug audit is carried out regularly.

**17. Mortuary, cold storage facility:**

PRH has a functional well equipped mortuary with cold storage facilities (capacity - 3). It is the only centre of a private medical college hospital in the state of Maharashtra, permitted to carry out medico-legal post mortems, since 1988. The qualified staffs of PG department of FMT of RMC, PIMS-DU carry out medico-legal post mortem. The pathology department on requisition from clinical departments carries out clinical post mortem. All formalities and procedures required for MLC or PCP are in place (consent by kin, book entries, submission of records etc.)

During 2011–15, 1551 medico-legal have been performed. Body preservation facilities on request and completion of formalities are in place.

**18. Does the teaching hospital display the services provided free of cost?**

Yes, at the all prominent places. MSWs, receptionists and officials at registration counters disseminates this information

**19. What is the mechanism for effective redressal of complaints made by patients?**

Effective Grievance Redressal Mechanism for patients

- Provision of Help Desk and Medical Social Workers
- Suggestion box at OPD, IPD and strategic locations.
- Observation registers at wards and clientele satisfaction survey
- Observations by dignitaries on visits and by peers.





- Formal and informal interaction by CEO, VC, MS, Deans, other statutory officers of PIMS-DU and PMT
- Informal feedback during social gathering, meetings, medical camps, functions, media reports, GOs, outreach activities at villages, community visits, Arogya Banks and Arogya Mitra volunteers.
- Data analysis, submission of compliance reports

**20. Give four years statistics of inpatient and outpatient services provided.**

Particulars	2011-12	2012-13	2013-14	2014-15	2015-16
<b>No Of Patients Treated In OPD:</b>					
New	262565	259558	354091	305442	355722
Old	282889	273417	359062	359206	340765
Total	545454	532975	713153	664648	696487
<b>No Of Patients Treated In IPD :</b>					
Bed Occupancy	258311	274544	259852	260793	314348
Admissions	59973	65536	58255	64567	85755
Discharges	59915	65287	58143	63459	84919
Bed Occupancy ( % )	89.58	94.02	90.39	72.17	88.54
<b>No. of operation Procedures:</b>					
Major O T	6625	8054	6950	8747	10377
Minor O T	2071	1880	1550	2083	3108
Minor OPD ( Day Care )	31215	35065	34690	34315	36168
<b>Radiology Investigations:</b>					
Plain Radiology (X-Rays)	53054	53537	53077	62308	66321
SPL. Investigations	252	316	216	185	254
U S G	31570	34302	28668	35738	40017
Echo	123	177	491	811	898
Col. Doplar	214	538	416	388	426
C T Scan	2992	3384	3761	4374	4756
Mammography	89	186	367	366	389
M R I	5543	6595	6641	7431	8004
Other( Anc DOP, USG )			4446	7416	6866
Total	93585	98719	98083	119017	127931
<b>Laboratory Investigations:</b>					
Pathology	296997	331287	310264	385507	374814
Biochemistry	388840	438473	453642	593704	661243
Microbiology	151478	178607	155048	141200	159375
Blood Bank	76804	90390	78849	75897	76981
<b>OBST /Gynaecology:</b>					
No. Of Deliveries	5646	7288	5783	6916	8364
No. Births	5407	7157	5565	6684	8105
No. Of Abortions	130	125	127	67	21
No. Of Cu. T	67	90	68	61	50



No. Of MTP	158	294	180	168	172
No. Of T. L	834	1076	805	830	935
<b>No Of Patients Seen In Camp:</b>					
No. of M D Camp	1	1	6	2	2
Patients Seen In M D Camp	939	724	6811	1881	2514
No. Of Mini Camp	35	33	31	31	42
Patients Seen In Mini Camp	6755	8015	6167	4940	9993

## 21. Does the hospital display?

Sl. No.	Display of / Provision of	Remarks
a)	Charges levied for paid services	Yes
b)	Name of clinicians and specialists	Yes
c)	Pictorial display of hospital, name boards, sign boards and directions	Yes
d)	Ante-natal, mother and child health care facilities	Yes
e)	Rights, responsibilities and the health care costs made known to patient and attendant	Yes
f)	Obtain proper informed consent (in prescribed format)	Yes
g)	Well-defined policies for prevention of hospital-acquired infections (policy, committee, review)	Yes
h)	GCP, GLP, SOPs on procedures and treatment	Yes
i)	Effective systems for disposal of bio-hazardous waste	Yes
j)	Provisions of safety measures for patients, student, doctors, health care workers, at casualty, critical care and OT	Yes
k)	Effective management of Casualty services/ Accident and Emergency Services	Yes
l)	Patient friendly help-desks	Yes
m)	Help desk for medical insurance schemes	Yes
n)	Steps to make the hospital patient friendly	Yes
o)	Quality measures available for patients care and safety	Yes
p)	Patient feedback analysis and implementation of the suggestion and outcomes	Yes
q)	Uniformity in treatment/ procedures (SOPs)	Yes
r)	Orientation cum Training Program for AYUSH-based para medicos and AYUSH workers	Yes

### Salient features of PRH:

- Free registration, registration counter, separate counter for elderly and PCDA patients. Dedicated MSWs, help desks, wheel chairs, stretchers, lifts, ramps, RO drinking water, seating arrangements, and public address system.
- Clinical department with specialty services fully equipped with bio medical equipments and facilities as per need and expectations.
- Latest diagnostic facilities (Radiology, CCL, Blood bank)
- Physiotherapy and rehabilitation units, dental clinics
- Free consultancy, care, food and services
- Good numbers of beds, wards, ICUs, modular OTs
- Adequate number of nursing and support staff and residents as per MCI norms
- Special procedures, joint replacement, dialysis facilities, treating burn, snake bites, pesticide poisoning patients
- Audiometry and microscopy, latest ophthalmic procedures



- Thrust to normal deliveries, comprehensive maternal health and child care
- Adherence to HAI/ SSI/VAP/CAUTI/IPC standards
- Tumour board, tumour audit, mortality audit (general and maternity)
- Emphasis to family planning, immunization, participation in National Health Missions (RNTCP, NACO, ART, NIP)
- Organization of medical camps, school camps, visit of specialists to PHCs, mobile clinic service, telemedicine programme.
- Arogya bank, Arogya mitra concept, community health care centre, PPP model.
- Biowaste management – color coded collections, waste segregation, disposal of biomedical hazardous, waste through recognized agency (Maharashtra Pollution Control board approved Agency)
- Adherence to the guidelines of WHO, ICMR, MCI, DCI, INC, GOI – MHRD, MHFW, AYUSH, Professional Bodies, SOPs and GHP, GLP, GCP
- Government recognition to health care, FW programmes, Empanelment in government sponsored insurance schemes – RGJAY, PMNRF, ECHS, Govt. of Maharashtra, BSNL, Janani Surksha Yojana, significant numbers of patients are benefitted from these schemes.
- RGJAY authorities have awarded AI grade to PRH for its achievement
- Provision for crisis management, disaster management, fire safety, security
- Provision of proactive and functional hospital committees (management, infection control, quality assurance, antibiotic policy, drug review, pharmacovigilance, radiation safety, tumour board, mortality audit, energy audit)
- Organization of conference and workshop on “Patient Safety”
- Regular training to paramedical, supportive staff, health professionals, nursing staff on recent advances and SOPs and mandatory health checkup and immunization
- Charity for Critically ill.
- PRH has displayed at all strategic points, the service provided free of cost, paid services, list of specialist doctors, sign boards, ANMCH care.
- The patient rights, duties and responsibilities and nursing care cost are made known to the patient in local language by MSWs, hospital doctors help and registration counter staff through orientation and awareness talks/dialogues

#### **Awards:**

- PRH has been awarded following awards
  - **“Vayoshrestha Samman (National Award) - 2015”** Under Institutional Category for best institution for providing services to Senior Citizen & Awareness generation on 01 Oct 2015 at Vigyan Bhawan New Delhi by his Excellency President of India Hon’ble Shri. Pranab Mukherjee.
  - **PMT / PRH as an Outstanding Employer of the Disabled for the Year 2015** Awarded by National Society for Equal Opportunities for the Handicapped, India (NASEOH) on 9<sup>th</sup> Dec 2015 at Mumbai.

#### **Hospital Committees:**

- Hospital Management Committee
- Hospital Clinical Quality Assurance Committee
- Hospital Associated Infection Control and Antibiotic Policy Committee
- Biomedical Waste Management Committee



- Drug Review Committee
- Pharmacovigilance and ADR Committee
- Radiological Safety Committee
- Tumor Board
- Maternal Death review Committee
- Committee for Materials (outdated) Condemnation of stores
- Disaster Management Committee and Crisis Management Committee
- Patient Grievance redressal Committee
- Review of Treatment and Health Care – Uniformity and SOPs
- Public Relation Committee

**4.2.2 What specific features have been included for clinical learning in the out-patient, bedside, community and other clinical teaching sites?**

**• At the hospital OPD/ IPD**

Importance to patient's history – listening to patient's expressions / wards, questions to elicit previous history through examination. Listing of signs and symptoms, examination of previous medical record of treatment, living conditions, mental status, need for immediate treatment & care, listing of investigation, suggestion on do's & don'ts, decision on line of treatment, fixing schedule for follow-up, correlation between patient's history – condition with investigation records, listing of differential diagnosis, referral to specialist, admission process for IPD, assuring the patient of best health care and motivation for early recovery respect the patient as we are learning from him while assuring the best treatment; time management, event management, coordination, Liaison and proper recording procedures.

**• Community Based Learning:**

Adopting of 5 families of a village by a student of Pravara, annual health check of them, recording of family history and individual history, nutrition, dietetics, belief system, traditions, family trees, educational background, deficiency studies, need for medical investigations, to take benefits of Govt. scheme and health missions.

- Emphasis to demography epidemiology HDI, GDI, health survey report and its outcome
- Problem solving sessions, evidence based medicine, uniformity in treatment, following SOPs
- Maintenance of logbooks, portfolio management
- Importance of presence of mind, impression and quick decisions in crises/ disaster management.
- Emphasis to human rights, patients right, charters,
- Thrust to value evaluation, bioethics, biostatistics and ICT in health practice & care.



### 4.3 Library as a Learning Resource

#### 4.3.1 Does the library have an Advisory Committee? Specify the composition of the committee. What significant initiatives have been implemented by the committee to render the library student/user friendly?

Yes,

Library has an advisory committee. The composition of the committee is as follows:

**Chairman:** Prof. and Head, Dept of Anatomy, RMC

**Members:** All Principals, Director of Research and teacher nominees

**Secretary:** Librarian

The significant initiatives have been implemented by the committee to render the library student/user friendly and are as follows

- Air Conditioned Library; Closed Circuit Camera for security; Conduct of book exhibition every year; Collection development : 5136 volumes of books have been added to the collection during 2012-2016.
- 4.76 crore has been spent on subscription of print and e-journals during 2012-2016.
- Created outside reading hall for undergraduate students with 200 seating capacity.
- Library has in all seating capacity for 1001 readers
- Web based OPAC facility available in campus through intranet with <http://192.168.1.7.8080/LMIS/> link.
- Refurbishing the sections of the Library.
- Best Library User Award for UG, PG Student and Faculty by the University Library for the optimal use of Library resources.

#### 4.3.2 Provide details of the following:

\* **Total area of the library (3542 Sq. Mts.)**

S.N.	Particular	Sq. Ft.	Sq. Mtr.
<b>A) First Floor</b>			
01	Librarian's Room	200	18.58
02	Stack Room	2000	185.80
03	Non Book Collection	200	18.58
04	Stack Room	1220	113.28
05	Toilet ladies & Gents	200	18.58
06	Water Cooler	32	2.97
07	Passage	770	71.53
08	Store Room	81	7.52
09	Journal Section (RMC)	1100	102.19
10	Journal Section	1100	102.19
11	Xerox Section	200	18.58
12	Audio Visual Hall	800	74.32
13	Reading Hall	5120	457.08
14	Staff Reading Hall	400	37.16
<b>B) Second Floor</b>			
15	Internet	200	18.58
16	Internet	900	83.61
17	Reading Hall	15400	1430.81
18	Outside Reading Hall	8400	781.08
	<b>Total</b>	<b>38323</b>	<b>3542.44</b>





\* **Total seating capacity : (1001 seats)**

S. N.	Particular	Nos
1	Stack section	28
2	Reference section	20
3	Reading Hall UG (Second floor)	544
4	Reading Hall UG (Outside)	200
5	Reading Hall PG	120
6	Staff Reading Hall	40
7	A.V. Hall	49
	Total	<b>1001</b>

\* **Working hours** (on working days, on holidays, before examination, during examination, during vacation)

Day	Stack Section	Periodical/ Reference Section	Reading Hall
Monday to Friday	8.30 am- 5.30 pm	8.30 am to 9.00 pm	24 Hrs
Saturday	9.00 am - 1.00 pm	9.00 am to 1.00 pm	24 Hrs
Sunday	Holiday	Holiday	24 Hrs

\* **Layout of the library** (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)

**A) First Floor:** Property Counter, Librarian's Room, Stack Room, Circulation counter, OPAC, New Book Collection, Acquisition and processing section, Book Bank Section, Staff Reading Hall, PG Reading Hall, Periodicals Cum Reference Section, Bound Volume Section, Dissertations and Theses, A.V. Hall, Reprography Section.

**B) Second Floor:** UG inner Reading Hall, Internet cum Digital Library Section, UG Outer Reading Hall,

\* **Clear and prominent display of floor plan; adequate sign boards; fire alarm; access to differently-abled users and mode of access to collection**

Adequate sign boards, two notice boards are displayed. Four Fire Extinguishers are available in Central Library.

\* **List of library staff with their qualifications**

Sl	Name	Qualifications	Designation	Experience
01	Dr. S. S. Hapase	M. Com. M Lib. M. Phil Ph.D. UGC- SET	Librarian	25 yrs
02	Shri G. M. Gaikwad	B. A. B. Lib.	Dy. Librarian	25 yrs
03	Mrs. L. R. Borse	M. A. M. Lib.	Documentalist	14 yrs
04	Shri R. R. Londhe	B. Sc., M. Lib., M.Phil.	Cataloguer	18 yrs
05	Shri S B. Wakchaure	B. Com., B. Lib.	Lib. Asstt.	25 yrs
06	Shri S. G. Kanade	B. A., M. Lib.	Lib. Asstt.	13 yrs
07	Shri S. R. Avhad	B. A., M. Lib.	Lib. Asstt.	11 yrs
08	Shri R. B. Dighe	B. A. B. Lib.	Lib. Asstt.	09 yrs
09	Shri M. S. Gholap	B. A. M. Lib.	Clerk	22 yrs
10	Mrs S. J. Nalkar	B. A. M. Lib.	Clerk	05 yrs
11	Shri R. A. Mhaske	9 <sup>th</sup>	Dafteries	27 yrs
12	Shri A. B. Pawar	10 <sup>th</sup>	Attendant	16 yrs
13	Mrs. M. K. Turakane	12 <sup>th</sup>	Attendant	15 yrs
14	Shri Suryawanshi	BA	Attendant	1 yr
15	Mrs K. G. Bhadange	12 <sup>th</sup>	Attendant	1yr



16	Shri S. L. Mali	10 <sup>th</sup>	Attendant	6 months
17	Mrs S. B. Ghule	4 <sup>th</sup>	Sweeper	10 yrs
19	Shri D. V. Nikam	10 <sup>th</sup>	Sweeper	1 yr

**4.3.3 Give details of the library holdings:**

**\* Print (books, back volumes, theses, journals)**

Faculty	Books	Cost	Journals	Cost	Back Volumes	Thesis
RMC	17861	27831839	162	8489919	7361	706
RDC	5342	12726044	101	4697930	2817	235
CPT	2807	6168110	08	286815	285	-
CON	3385	3018351	39	1210477	404	-
CBT	548	1086672	06	9960	114	60
CSM	285	291730	08	27500	05	-
<b>TOTAL</b>	<b>30228</b>	<b>51122746</b>	<b>324</b>	<b>14722601</b>	<b>10986</b>	<b>1001</b>

- **30228 Books, 324 print Current journals, 10986 Bound volumes, 1001 Print Theses**

\* Average number of books added during the last three years :

**Averagely 1436 books added during the last three years**

Year	College	Books		Year	College	Books	
		Qty	Cost			Qty	Cost
<b>2012-13</b>	RMC	407	1537868	<b>2013-14</b>	RMC	359	1836846
	RDC	144	406373		RDC	165	617710
	CPT	178	647905		CPT	278	791831
	CON	77	74043		CON	535	537734
	CBT	--	--		CBT	--	--
	CSM	22	34601		CSM	20	27778
	<b>Total</b>	<b>828</b>	<b>2700790</b>		<b>Total</b>	<b>1357</b>	<b>3811899</b>
<b>2014-15</b>	RMC	477	2281647	<b>2015-16</b>	RMC	686	4306806
	RDC	258	1347210		RDC	339	1873739
	CPT	161	899608		CPT	289	1197931
	CON	421	285758		CON	280	252059
	CBT	03	16065		CBT	03	13417
	CSM	02	598		CSM	32	89264
	<b>Total</b>	<b>1322</b>	<b>4830886</b>		<b>Total</b>	<b>1629</b>	<b>7733216</b>

\* **Non-Print (Microfiche,AV)1630:** CD/DVD:1223, Medline CD:226, A.V. Resources: 181

\* Electronic (e-books, e-journals) : 22000

- Inlibnet (Annual Review) -37 Titles -www.inlibnet.ac.in
- MUHS Digital Library - 13000 Resources – www.muhs.ac.in
- Medlars - 77 Titles - http://www.medind.nic.in
- Pubmed Central - 1723 titles - www.ncbi.nlm.nih.gov/pubmed
- Biomed Central - 291 titles- www.biomedcentral.com/journals
- High wire – 1700 titles – www.highwire.stanford.edu/publisher
- Medknow Publications – 365 titles – www.medknow.com
- WHO Publications – www.who.int
- Free Medical Journals 4832 titles www.Freemedical journals.com
- Free Dental Journals – 33 titles – www.dentalindia.com
- Free Nursing Journals – 63 titles – www.righthealth.com
- Free Physiotherapy Journals – 04 – www.gfmer.ch/medicaljournals



- DOAR – <http://doar.org>

\* Special collections (e.g. text books, reference books, standards, patents)

Faculty	Textbook	Cost	Reference Book	Cost	Total	Cost
RMC	3224	3836224	14637	23995615	17861	27831839
RDC	1528	1289871	3814	11436173	5342	12726044
CPT	1055	813871	1752	5355030	2807	6168110
CON	755	538553	2630	2479048	3385	3018351
CBT	137	210259	411	876413	548	1086672
CSM	55	83600	230	208130	285	291730
<b>Total</b>	<b>6754</b>	<b>6772378</b>	<b>23474</b>	<b>44350409</b>	<b>30228</b>	<b>51122746</b>

Faculty	Book bank : 1478		Question bank : 344	
	Books	Cost	Books	Cost
RMC	601	714351	170	26156
RDC	467	295169	89	20420
CPT	200	156100	60	5195
CON	210	90416	25	5881
<b>Total</b>	<b>1478</b>	<b>1256036</b>	<b>344</b>	<b>57652</b>

#### 4.3.4 To what extent is ICT deployed in the library? Give details with regard to

\* **Library automation:** Fully computerised; Acquisition, serial control, circulation, OPAC have been automated by using *Techfocuz LMIS Ver 2.7 software*.

- It is user friendly, informative and has the features such as: powerful Search engine which locates the status of book in the Library, displays all available books of an Author and displays the borrower status.
- Use of Barcode technology for circulation of books and Journals.
- Database of books and periodicals.

\* Total number of computers for general access : **50 computers, Printers/ 18 mbps**

\* Total numbers of printers for general access : **01 printer**  
Internet band width speed 1 GB : **18 mbps**

\* Institutional Repository

: Pravara Medical Review - [www.pravara.com/pmrjournal](http://www.pravara.com/pmrjournal), DOAR – <http://doar.org>

\* Content management system for e-learning

: [www.clinicallearning.com/pravara](http://www.clinicallearning.com/pravara)

: [www.animalsimulator.com](http://www.animalsimulator.com)

\* Participation in resource sharing networks/consortia (like INFLIBNET)

: MUHS Digital Library; UGC INFLIBNET – SHODHGANGA

#### 4.3.5 Give details of specialized services provided by the library with regard to

\* **Manuscripts : No**

\* **Reference:** Library provides ready reference service to PG & UG students, researchers and faculty of PIMS. These users ask about the relevant reference through telephone or they personally come to Library and ask for related reference. Library staff provide this service. Apart from ready reference service, Library also provides long



range reference service to concerned department on their demand. Library staff give this information by searching the relevant reference, database as early as possible. Library has provided the lists of relevant books, journals to each department. This includes number of books available in Central Library and those issued to concerned department. Library also provides above mentioned services for current journals (Indian/foreign), archives, projects, dissertations and CDs, DVDs, VCD to the members on demand.

\* **Reprography / scanning:** To provide reprography service to the PG & UG students, researchers and faculty as well as departments of PIMS, RIOCH MP2501 L model photocopying machine has been installed in the Library. This machine provides 25 copies per minute.

\* **Inter-library Loan Service:** To satisfy the needs of the reader, Library has to share the resources of other Libraries. We share the resources of Libraries: Padmashri Dr. Vitthalrao Vikhe Patil Foundations's Medical College, Vilad Ghat, Ahmednagar, R. A. Rangoonwala Dental College, Pune, No Library is an Island.

\* **Information Deployment and Notification :** 08 Marathi daily newspapers and 02 English daily newspapers are subscribed by the Library. These news papers are read by the staff members and Library staff. Current events and information related to the Institute, Advertisements, Programmes in PIMS, events related to health, Government Rural health programme, information regarding new diseases & their treatment are sorted out and displayed on Library Notice Board. This displayed information is being sent to CEO Office, Trustee & Secretary, SIDA Office, Registrar PIMS (DU), and Registrar CET. Besides current events and information, academic information too is displayed on notice board for benefit of students and staff. New arrivals of Book & Journals are also displayed on the notice board.

\* **OPAC:** OPAC facilities are available with nine computers near the circulation counter in the first floor at various strategic locations in the library. And also Web based OPAC facility available in campus through intranet with <http://192.168.1.7.8080/LMIS/> link. These OPAC terminals are user-friendly, menu driven and are very informative and useful to library users.

\* **Internet Access:** Library provides Internet browsing service. Fifty computers, with internet connectivity are available to provide this service to users. RailTel provides Broadband service. Students and faculty members search for online journals for scientific study. These services are used for review of online journals, searching of scientific data & references, statutory notifications, national & international competitive examinations, scholarships, participation in European Unions Erasmus Mundus programme and for accessing Internet mails etc.

\* **Downloads:** The Digital knowledge Centre has the facilities to download electronic Resources available in the internet and data can also be downloaded from various search engines.

\* **Printouts:** Printout of research articles are given to the researchers on request from within and other libraries.



\* **Reading list/ Bibliography compilation:** The software gives information on books (Date of purchase, Acc. No, Call no, Author, Title, Edition, year of Publication, Publisher, number of pages, cost etc) and journals (Date, Acc. No, Editor, Title, Vol. No, Year, Pages, cost). This information helps Library Staff as well as users to search for the publication immediately.

- Lists of books (College wise, Subject wise, year wise, author wise, title wise) are available in the system.
- List of textbook and Reference books College wise, year wise, subject wise, cost wise is available in the system.
- Lists of Indian and Foreign journals, College wise, Department wise, Subject wise, year wise are also available.
- Lists of back volumes of Indian and Foreign Journals College wise, Department wise, Year wise are available
- Information on Dissertations is available by Date, Acc. No. Author, Title, Subject, College, University in the Library.

This facility results in saving time for the PG & UG students, Interns, Researchers, Faculty members and other members while accessing the information.

\* **In-house/remote access to e-resources:** Yes, (Inhouse access i.e. within institutional I.P. address only)

\* **User Orientation:** Library is fully user oriented. Open access system is provided to PG students, Researcher and Faculty and controlled access to UG students. Library provides Reference Service to the students and Staff for their relevant topics. List of new arrival and pamphlets of new books are displayed and also sent to respective departments. Library organizes Book Exhibition by Publishers and Suppliers.

A programme is arranged for newly admitted students in the months of Septembre and October. All information of the library i.e. how to use the Library, facilities & services available, collections of the Library, Rules and Timing of Library are conveyed to them in this programme.

\* **Assistance in searching Databases**

One dedicated staff member is entrusted with the job of assisting and searching the databases.

\* **INFLIBNET/HELINET: NA**

**4.3.6 Provide details of the annual library budget and the amount spent for purchasing new books and journals.**

Year	College	Budget	Books		Journals		Total Utilization
			Qty	Cost	Qty	Cost	
2011-12	RMC	58,70,000	300	1208335	149	3545017	4753352
	RDC	58,40,000	195	636621	94	2484507	3121128
	CPT	23,00,000	180	597150	16	272697	869847
	CON	11,80,000	174	270230	29	534342	804572
	CBT	10,28,000	64	275762	09	31982	307744
	CSM	30,000	51	112777	--	--	112777





	<b>Total</b>	<b>16248000</b>	<b>964</b>	<b>3100875</b>	<b>296</b>	<b>6868545</b>	<b>9969420</b>
2012-13	RMC	67,50,000	407	1537868	155	4771764	6309632
	RDC	67,00,000	144	406373	104	3127388	3533761
	CPT	26,50,000	178	647905	16	328245	976150
	CON	13,60,000	77	74043	35	737421	811464
	CBT	11,83,000	--	--	09	39571	39571
	CSM	35,000	22	34601	--	--	34601
	<b>Total</b>	<b>18678000</b>	<b>828</b>	<b>2700790</b>	<b>319</b>	<b>9004389</b>	<b>11705179</b>
2013-14	RMC	78,00,000	359	1836846	159	5995674	7832520
	RDC	50,00,000	165	617710	106	3532600	4150310
	CPT	10,00,000	278	791831	13	280082	1071913
	CON	13,00,000	535	537734	37	890795	1428529
	CBT	1,00,000	--	--	06	8890	8890
	CSM	40,000	20	27778	06	15200	42978
	<b>Total</b>	<b>15240000</b>	<b>1357</b>	<b>3811899</b>	<b>327</b>	<b>10723241</b>	<b>14535140</b>
2014-15	RMC	94,00,000	477	2281647	160	7681588	9963235
	RDC	60,00,000	258	1347210	101	4216854	5564064
	CPT	12,00,000	161	899608	08	252916	1152524
	CON	15,60,000	421	285758	35	1041836	1327594
	CBT	1,00,000	03	16065	06	9990	26055
	CSM	48,000	02	598	06	17700	18298
	<b>Total</b>	<b>18308000</b>	<b>1322</b>	<b>4830886</b>	<b>316</b>	<b>13220884</b>	<b>18051770</b>
2015-16	RMC	1,12,80,000	686	4306806	162	8489919	12796725
	RDC	72,00,000	339	1873739	101	4697930	6571669
	CPT	14,00,000	289	1197931	08	286815	1484746
	CON	18,70,000	280	252059	39	1210477	1462536
	CBT	1,00,000	03	13417	06	9960	23377
	CSM	55,000	32	89264	08	27500	116764
	<b>Total</b>	<b>21905000</b>	<b>1629</b>	<b>7733216</b>	<b>324</b>	<b>14722601</b>	<b>22455817</b>

**Annual Budget (2015-16):** Books = Rs. 77,33,216; Journals (Print and Electronic)= Rs. 14722601; Total annual budget Rs. 21905000; Budget utilization Rs. 22455817

**4.3.7** *What are the strategies used by the library to collect feedback from its users? How is the feedback analyzed and used for the improvement of the library services?*

- Provision of suggestion box. Suggestion through mail and digital feedback.
- Constructive suggestions are analysed and implemented by the library.

**4.3.8** *List the efforts made towards the infrastructural development of the library in the last four years.*

- IT zone segregated; AC Reading Hall for reading comfort and better ambience.
- New CCTV cameras (10 in no.) have been installed in Central Library.
- Outside reading hall is added in addition to the existing reading hall.
- Computer terminals are increased up to 50 for Internet cum digital section.

**4.4 IT Infrastructure**

**4.4.1** *Does the institution have a comprehensive IT policy with regard to:*

PIMS-DU provides information technology resources to a large and varied group, including faculty, staff, students, and guests. All members of this community are



responsible for using these resources in an effective, efficient, and ethical manner. In particular, University employees who deal with sensitive data are required to exercise due diligence with regard to privacy and security policies and practices. PIMS-DU IT policy comprises various aspects like information security, network security, software asset management etc.

Adequate measures have been taken to secure network & data. As regards Open source resources, as a policy university encourage usage of open source resources and hence we are among very few university who uses Linux desktop operating system in almost 80% of the desktop in campus.

**4.4.2 How does the institution maintain and update the following services?**

- \* **Hospital Management Information System (HMIS)**  
The Hospital Management Information System (HMIS) is being maintained by annual maintenance contract with the provider. The software provider takes care of updation of software, maintenance of software and caters for additional requirement as well.
- \* **Electronic Medical Records System (EMR)**  
As regards Electronic Medical Records System (EMR), it is partially deployed in hospital where in first phase Laboratory reports, Radiological investigation reports are digitized and software is being maintained by way Annual Maintenance Contract. The rest of the patient record (Medical record – Clinical history) is presently being recorded manually in case sheet and will be digitized in second phase during next year.
- \* **Digital diagnostic and imaging systems including PACS**  
Digital diagnostic and imaging systems (PACS) are maintained under annual maintenance contract from vendor. The software is being upgraded as and when principal company releases next updates. The secondary backup of older images (3 years old) is being taken on Blu-Ray disk.

**4.4.3 Give details of the institution’s computing facilities i.e., hardware and software.**

- \* **Number of systems with individual configurations**  
Number of desktop computer: 474 and printers is 321. And total 63 thin client pc installed in OPD and hospital wards Total Number of servers are 11 to cater all the services across campus.

Sr.No	Specification Desktop	Quantity
1	Processor : CELERON 2.4ghz RAM : 1 GB,HDD: 40 GB CD Drive : CD, Mouse: PS2 Make: Wipro	67
2	Processor : CELERON 2.66ghz RAM : 1 GB, HDD : 80 GB CD Drive :CD ,Mouse :PS2 Make : Wipro	26
3	Processor : Core-2-Duo 2.93ghz RAM : 2 GB, HDD : 500 GB CD Drive :CD, Mouse :PS2 /USB Make : Wipro	112
4	Processor : Core-i3 3.2ghz RAM : 4 GB, HDD : 500 GB CD Drive :CD, Mouse :USB Make : Lenovo	4



5	Processor : Dual Core 3.2ghz RAM : 2 GB, HDD : 500 GB CD Drive :CD ,Mouse :USB Make : Lenovo	168
6	Processor : PIV 2.8ghz RAM : 2 GB, HDD : 500 GB CD Drive :CD, Mouse :USB Make : Lenovo	73

Sr.No	Type of Printer	Quantity
1	DOT Matrix Printer	234
2	Deskjet Printer	15
3	Laser jet Printer	65
4	Color Laser Printer	06
5	Design jet (Plotter)	01

\* **Campus LAN (Local Area Network):** The University is providing a reliable campus-wide high speed backbone communications network. A network is designed and implemented in house and is also economically viable and capable of providing staff and students with inter-connectivity to both National and International Networks. The backbone of the network is of fiber optic cable, i.e. inter building connectivity within the campus is over high speed fiber optic cable. All the computer nodes across the campus are interconnected using high speed Ethernet cables with Layer 3 manageable network switches to provide 99.9% network uptime in the university. The LAN is also extended to 10 Village IT centers and 7 Rural Health Centre through wireless network within the radius of 15 kms.

\* **Wi-Fi facility:** Secured and identity based WiFi facility is provided across campus. Since this is hospital based campus, to avoid unnecessary traffic to network from patients and relative only registered users (staff and student) are being provided WiFi connectivity. Campus WiFi facility is being provided by PIMS-DU across the campus through total 150 Access Point in the following buildings.

- Rural Medical College
- OPD Building
- Rural Dental College
- International Centre
- College of Physiotherapy
- College of Nursing
- Boys Hostel
- RMO Hostel
- Centre for Social Medicine
- Centre for Biotechnology
- Interns Hostel
- PG Ladies Hostel
- University Office
- Girls Hostel

\* **Proprietary software :**

DATABASE SOFTWARE'S		
01	Oracle 11g	01
02	MS Visual Foxpro9.0 Professional	01
03	SQL 2005 Developer	01
04	Tally 9.0	02
OPERATING SYSTEM'S		
01	Windows 95 / 98 / XP / Vista / Windows 7	28
03	Windows 8.1 Professional Base & Upgrade licenses	160
03	Windows 10 Professional Base & Upgrade licenses	80



04	Windows Server – 2008 Std/R2 / 2012	05
05	Windows Server Cal 2012 License	100
06	Windows NT Server 4.0	1+5 Client
07	Novell Netware 5.1	01
08	Suse Linux Enterprise Desktop 10	200

OTHER LICENSED SOFTWARE'S		
01	Shree Lipi 6.0 / 7.0	04
02	Arc GIS – 9.0	01
03	Adobe Acrobat Prof. 7.0	01
04	Adobe Photo Shop CS2 2.9	01
05	Adobe PageMaker 7.0	01
06	AutoCAD 2005	01
07	AutoCAD Lt 2015	01
08	Corel Draw X3	01
09	MS Visual Studio 2005 Pro	01
10	Microsoft Office 2007 standard	20
11	Microsoft Office XP Professional	01
12	Microsoft Office 2013	30
13	Microsoft Office 2016	20
14	Quick Heal Endpoint Security 15	250 Clients

- \* **Number of nodes/ computers with internet facility:** The university has internet connectivity of 28 MBPs (1:1) through two ISP (Internet Service Providers) i.e. Railtel Corporation (Indian Railway) and Tata Teleservices Pvt Ltd. Out of available computers nearly 80% nodes are having internet connectivity. Basically all the nodes are connected to LAN mean are internet ready nodes but depending upon requirement the internet facility is given.

**4.4.4 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?**

We periodically upgrade the computer hardware with the latest specification computers and software. The future plan is to encourage the cloud computing which will give relaxation from maintaining heavy server hardware within the campus.

**4.4.5 Give details on access to on-line teaching and learning resources and other knowledge and information database/packages provided to the staff and students for quality teaching-learning and research.**

The faculty, staff and students have unlimited access to information available on the web and has subscribed to thousands of e-journals and books to use. The faculty staff and students can download information from anywhere in the campus through a network. If a particular type of material is not subscribed, a request can be made to the library through the head of department to procure the material.

For quality teaching-learning and promoting research the university has subscribed number of online e-learning resources as mentioned below.

- MUHS Digital Library (13000)



- Infilbnet (Annual Review) -[www.infilbnet.ac.in](http://www.infilbnet.ac.in)
- Medlars - 77 Titles -[www.medind.nic.in](http://www.medind.nic.in)
- Pubmed Central - 1723 Titles -[www.ncbi.nlm.nih.gov/pubmed](http://www.ncbi.nlm.nih.gov/pubmed)
- Biomed Central - 291 Titles -[www.biomedcentral.com/journals](http://www.biomedcentral.com/journals)
- High wire – 1700 Titles -[www.highwire.stanford.edu/publisher](http://www.highwire.stanford.edu/publisher)
- Medknow Publications – 365 Titles -[www.medknow.com](http://www.medknow.com)
- WHOPublications -[www.who.int](http://www.who.int)
- DOAR -<http://doar.org>
- Clinical Learning -<https://www.clinicallearning.com/pravara/>
- Animal Simulator - <https://www.animalsimulator.com>

**Clinical Learning Package:** Clinical Learning is an interactive digital resource for enhancing teaching and learning of clinical and practical skills for undergraduate medicine curriculum. Clinical learning package helps to overcome the challenges faced by educators in imparting relevant clinical and lab skills to the students. It consists of instructionally designed modules with appropriate use of videos, animations, interactions, illustrations, professional voice over and self assessment.

It includes practical skills modules in the subjects of Biochemistry, Physiology, Microbiology, Internal Medicine, Surgery, Obstetrics and Gynecology, Life Support Methods and many more! It accommodates different learning styles, provides opportunities for repetitive practice, encourages interaction of students with teachers and peers, and promotes active learning. It allows faculty to create their modules, add their videos, illustrations and assessments. Institutes can customize the interface to better suit their requirements. This is also made available in offline mode in Central library on some computer terminals.

**Animal Simulator:** Animal simulator is learning package of animal experiments in pharmacology and physiology. The highly interactive and user friendly simulator gives real practical experience. This is also available in offline mode in library, Pharmacology Department and Physiology department on few computer terminals.

**In addition to above various training sessions are held frequently**

- Orientation program for clinical learning and animal simulator.
- Induction training program of use of resources for PG students.

**E-Learning:**

- ELSEVIER’s “Clinical Learning” and “Animal Simulator” modules have been subscribed by the university. These along with other digital resources in the library constitute the E-Learning resources in the university.
- The Elsevier’s package has been subscribed. Mr. Mahesh Borawake, Manager IT, has been looking after the technical aspects for the making the project functional. The online access is IP based and is available to anyone accessing through the PMT IP addresses. We have 40 PCs connected to internet in the library, apart from the departmental PCs and others in the officers. All the users registered through PMT network can access the same.
- Further 35 pen drives with “Clinical Learning” modules and 5 pen drives with “Animal Simulator” modules were procured. 4 Nos of pen drives with the clinical





learning modules are kept with the library and the rest have been distributed to the departments through stores. Similarly the 5 pen drives with “Animal simulator” modules have been distributed between the departments of Physiology and Pharmacology.

- To increase the usage of the modules, periodic promotional drives with workshops and quiz competitions are held. Periodic monitoring of monthly usage is also received from M/S Elsevier regularly.
  - We conducted “MyPGMEE” programme, free for the final year students and the interns in the beginning of the year and 3 students received 1 year subscription as reward for good performance in the test.
  - We also conducted “Elsevier basic sciences Olympiad” in April 2016. 25 students qualified for the second round which is open now. Out of this 10 students got a gift of a full set of II M.B.B.S. book from M/s Elsevier and the rest 15 students got 2 books each as reward for qualifying the second round.
  - Another programme, “Clinical Learning challenge” is being organized in September 2016. This will be in 3 groups namely: 1<sup>st</sup> Professional, 2<sup>nd</sup> Professional & 3<sup>rd</sup> Professional. This will be based on the modules. To encourage maximum participation, the vendor has allowed free open access through internet for the clinical learning module for duration of a month and half. The user can access the module from any mobile device with internet connection. The packages have been modified in to HTML format and are easily accessible even on smart phones. This is in addition to the IP address based access which we already have. The students have been briefed regarding use and information has been disseminated through flex boards at vantage points for maximum visibility.
- Periodic visits are carried out by the vendor for following up on usages and addressing our concern. Next workshop by the vendor is due in September 2016.

#### **4.4.6** *What are the new technologies deployed by the institution in enhancing student learning and evaluation during the last four years and how do they meet new / future challenges?*

The University Library provides access to e-learning, e-books and e-journals and also has digital Library.

In order to enhance the student learning, the clinical learning e-learning facility is made available through audio-video based learning facility which helps the students to understand the topic easily.

Another learning exchange module has been subscribed from TCS (Tata Consultancy services) which will help and student and teacher to form the virtual community like social media sites to interact between themselves.

**Evaluation reforms:** MCQ based questions of University exam are being digitized from 2016-17. i.e. The online exam will be conducted for the same in place of traditional OMR sheet. The tablet will be given to every student for accessing online question paper in the examination hall.



**4.4.7** *What are the IT facilities available to individual teachers for effective teaching and quality research?*

The Internet connectivity is available to teachers through WiFi network and computers desktop are available in each department and library as well for teachers.

The faculties have unlimited access to information available on the web and has subscribed to thousands of e-journals and books to use. The faculty staff and students can download information from anywhere in the campus through a network. If a particular type of material is not subscribed a request can be made to the library through the head of department to procure the material.

**4.4.8** *Give details of ICT-enabled classrooms/learning spaces available within the institution. How are they utilized for enhancing the quality of teaching and learning?*

The lecture halls at RMC, the new lecture halls, class rooms, seminar rooms, board rooms, auditorium complex, class rooms at all UG/PG departments are ICT enabled.

**DIGITAL PATHOLOGY LAB:** The department has a state of art digital Pathology lab. The laboratory has facilities like digital Scanner, a high speed Internet line, facilities for Video Conferencing, a large screen ultra HD TV and audio system.

By using the scanner, the histopathology glass slide is converted into a digital format and is stored on the server which can be accessed by international faculty.

This image can now be used for: Providing second opinion by International experts; For undergraduate and Postgraduate teaching; For Research purpose; The lab can be used as resource centre.

Thus above lab is useful for providing latest urban facilities to the rural people, patients and students.

**4.4.9** *How are the faculty assisted in preparing computer-aided teaching-learning materials? What are the facilities available in the institution for such initiatives?*

In order to assist the teachers for preparing computer-aided teaching-learning materials, the separate section under Medical education unit (formerly known as ECMC – Education Communication and Media Centre) is established. The trained technical staff of the section helps the user for preparation of audio-video educational material.

**4.4.10** *Does the institution have annual maintenance contract for the computers and its accessories?*

The institution have annual maintenance contract for maintenance of Servers, Network equipments like firewall, routers etc. However, maintenance of desktop and printers is being done in-house. The separate staff is deputed for the same and requisite spares are maintained for maintenance.

**4.4.11** *Does the institution avail of the National Knowledge Network (NKN) connectivity? If so, what are the services availed of?*

The university has recently got the communication from Ministry of HRD indicating inclusion of name of university under National Knowledge Network (NKN) connectivity of 1 GBPS. Subsequently the agency nominated by Ministry of HRD (ie.



BSNL) has approached the campus for survey. We are expecting that the said connectivity will be available in next quarter i.e. from December 2016.

**4.4.12 Does the institution avail of web resources such as Wikipedia, dictionary and other education enhancing resources? What are its policies in this regard?**

Institution avails various web resources like Wikipedia, dictionary and education enhancing resources. University provides internet connectivity to access these resources. A controlled access is provided. It denies access to social networking and other sites not suitable for educational environment.

**4.4.13 Provide details on the provision made in the annual budget for the update, deployment and maintenance of computers in the institution.**

Central budget under computer department is made for computer procurement, maintenance, upgradation, software purchase etc.

For reference, the budget for 2016-2017 is furnished below. Every year budget is prepared in this manner only.

	Particular	Appro. Cost (in Rs. in Lakhs)
A.	Capital Budget (Networking equipment, Computer, Printer , software etc)	54
B.	Recurring Budget (CD, Blue Ray Disk, Tonner, Cartridges, Labels, Photo Stationary, Battery)	50
C.	Recurring Budget – (Bandwidth Charges Internet, Licensed Software/antivirus Subscription, Domain name renewal, Web Space)	11.5
D.	Maintenance of Equipment (Spare for inhouse computer/Printer maintenance, Server AMC, AMC Wireless Network, AMC Wi-Fi Network, AMC PACS, Lan Equipment Maintenance)	13.5
	<b>Grand Total</b>	<b>129</b>

**4.4.14 What plans have been envisioned for the transfer of teaching and learning from closed institution information network to open environment?**

It is planned to augment e-learning resources available in the University website and in the Library.

**4.5 Maintenance of Campus Facilities**

**4.5.1 Does the institution have an estate office / designated officer for overseeing the maintenance of buildings, class-rooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.**

Yes, PIMS-DU has a department of engineering to oversee the construction and maintenance of all physical infrastructures facilities of university. It is headed by a Chief Engineer (Civil) for civil work and Chief Engineer (maintenance). They are assisted by civil / maintenance engineers and supervisors. We have electrical engineers assisted by qualified electricians and engineers. A fully functioning vehicle department and garage is available. Our architecture is M/s Sikka Associates Architects, New Delhi. The works are



executed through class I contractors through competitive tendering process. There are civil electrical electronics automobile and mechanical sections.

**New Initiatives to enhance physical ambience:** Construction of new building blocks – Pravara Rural Hospital, New Medical College, casualty, RMO’s quarters, lecture hall complexes, new boys hostels, residential complexes (flat type), new guest house, road pavement , landscaping, lawns, gardening, tree plantation, new electricity power stations, transformer, new power backup, diesel generators, switch boards, circuits breakers, cable lines, CCTV installation, Central Air Conditioners, RO systems, storage water tanks, sewerage treatment plants, electric controlled main gates, social forests, waste disposal mechanisms, interior furniture’s, sign boards, new lifts, new furniture’s, new genset

**4.5.2 How are the infrastructure facilities, services and equipments maintained? Give details.**

**Maintenance of the following physical infrastructure and facilities:**

- **Civil Engineering:**
  - Building, roads, pavements, landscaping of the campus
  - Water storage, treatment and supply, water pipeline systems, water softening plants, RO systems (daily requirement of around 15 lac. liters of water, storage of drinking water in quarry of capacity of 90 metric liters which can be used for 60 days) source of water being water canal and tanks, wells and bore wells; filtering and process of chlorination; supply through pipelines 24x7; cleaning of tanks and flushing of pipelines at periodic intervals; availability of plumbers and attendants
  
- **Electrical Department:**
  - Two Engineers, one supervisor, 30 electricians and wiremens, 6 machanics and DG set operators + office assistant
  - Sanctioned load – 1458 KW (850 KW Hospital and College + Residential)
  - Industrial Transformers– 3 (1 MVA + 500 KVA + 750 KV) with total capacity of 2250 KVA., Industrial and residential panel boards (750 KVA x 3)
  - Diesel Gensets–7 (750x3, 500x3, 250x1, KVA) with total capacity of 4000 KVA.
  - Synchronizing panel + industrial panel boards + residential panel boards
  - Test Equipments–Megger, Tong Tester, Earth tester, digital Techometer, load manager (Nippen/ Meco/ systems)
  - There are 17 elevators/ lifts at various buildings at 21 locations.
  - Central + split air conditioner units total capacity 450 TRs. (11 central plants + 3 air coolers + 267 ACs Window/ Spilt, 92 refrigerators, 66 water coolers)
  - 5000+ LED lighting fixtures to save energy
  - Solar water heating systems (24 with 136000 LPD capacity)
  - Average electrical consumption per month is 2.2 lakh units for residential and 3.25 lakh units for hospital.
  - Average Electricity bill per month is Rs. 45.50 lakh.
  - Electrical Appliance: 3341 ceiling fans, 18 pedestal fans, 238 water heaters, 52 washing machines, 7086 tube lights, 300+ CFLs, 300+ Street lights
  
- **Gardening department and its salient features:**
  - Coverage Area – 115.94 acres



- Maintenance of 12 gardens (223 R area) (Hospital, RDC, RMC, CSM, CON, Hostels, ladies hostel, guest house, SPR, New Hospital, Lecture Hall complex, New RMC garden)
- Medical plants – 1772, fruit plants 1567
- General Plants – 5792 (74 varieties)
- Garden plants – 6995 (59 varieties)
- Total around 13000 plants
- New plantation of tree annually (215 + 83 + 153 + 220 + 225 since 2011)
- Maintenance includes – Soil management, weeding out of weeds, training of hedges plants, fertigation (organic, synthetic) pest control, branch evening, watering and so on.
- Different types of green lawns (harali, Taiwan, ribbon grass, american blue)
- Commemorative tree plantation by visiting dignitaries.
  
- **Waste water treatment plants:** There are 3 nos. of sewage water treatment plants and 1 no. of effluent treatment plant.
  1. STP near residential quarters – 30,000 liters / day
  2. Old STP at utility complex – 20,000 liters / day
  3. New STP at utility complex – 8,00,000 liters / day
  4. Laundry ETP near laundry – 5,000 liters / dayThe recycled waste water from STP and ETP is reused for gardening and toilet flushing purpose.
  
- **Fire fighting Systems:** Security department provided fire fighting extinguisher in PMT campus for taking safety hazards of fire and details. Total 257 nos of fire extinguisher displayed at various places in campus. Fire fighting practice is carried out quarterly and details of preventive measures adopted at the time of fire are practically demonstrated to all security staff.
  
- **Furniture and Interiors:** Trained carpenters, painters and skill workers are involved in the maintenance
  
- **Biomedical Wastes:** Coding collections, segregation and local process is managed by in-house personnel. It is handed over to licensed / permitted contractor.
- **General Wastes:** Color code classifying waste, segregation (wet and dry, degradable and nondegradable) composting. Compost manure is prepared and distributed.
  
- **Equipments:**

In-house electrical, electronic technicians, AMC with suppliers and service providers. Maintenance of electronic and biomedical equipments by an exclusive unit under the supervision of an electronic engineer supported by 5 junior engineers, a senior supervisor, assisted by 33 technical assistants. They help in maintaining all the electronic instruments 24x7. AMC for all major equipments are pasted with PPM checklist stickers. They provide training on daily maintenance of sophisticated equipments. They offer planned preventive maintenance, routine day to day maintenance, repair services and MODROB of the total 3489 listed equipments, 18 sophisticated equipments are under AMC/ CMC (Rs. 114.44 lakhs).





- **General Aspects of Maintenance:** Adequate trained manpower, supervisors, engineers
  - Monthly review meetings, feedback systems
  - e-indent / ticketing system
  - Involvement of engineers and maintenance staff in all the activities of PIMS-DU
- **Provisions of budget for maintenance:**

**Maintenance Expenditure (Rs. in Lakh, rounded off)**

Sr. No.	Head of Expenditure	2010-11	2011-12	2012-13	2013-14	2014-15
1	Electrical	10	18	14	73	35
2	Electronics	31	20	26	31	35
3	Form	0.5	0.4	0.5	1.5	2.5
4	Furniture	18	51	22	90	37
5	Gas	22	38	55	67	60
6	Glass	25	16	16	22	24
7	Solar System	-	0.6	0.8	9	4
8	Lift	-	-	-	11	11.15
9	AC	6.5	2.9	7.3	35	8
10	Vehicle	0.3	0.3	1.9	1.7	3.2
11	TV	0.9	0.2	1.25	1.28	2.35

**4.5.3** *Has the institution insured its equipments and buildings?*

A) Major sophisticate Equipments are under AMC

B) **Buildings:** As the civil department carries out building works through contractors, the respective contractor is responsible for safety and maintenance of the respective building for a period of one year called as Defect Liability Period. After the defect liability period the buildings are insured.



*Criterion - V*  
***Students Support  
and  
Progression***



**Pravara Institute of Medical Sciences  
(Deemed University)**







## CRITERION V: STUDENTS SUPPORT AND PROGRESSION

### 5.1 Students Mentoring and Support

#### 5.1.1 Does the Institution have system for student support and mentoring? If yes, what are its structural and functional features?

**YES.**

We have a system of mentoring, students support, service and facility. PIMS(DU) being located in a rural set-up, away from towns and metro political cities, has developed proactive and functional student support system for the well-being of students to achieve excellence in their professional education and career. The student support systems have created a feeling of “home away from home” by providing all the needed facilities to lead a comfortable, satisfactory and dignifying life with self-respect.

#### Illustrations of student support at PIMS (DU)

- a. **Academic aspect:** Orientation, Induction, Counseling, Mentee-Mentor monitoring system is adopted for students. Student centered learning, tutorials, remedial coaching, e-learning and various academic support is given to students. Periodic checking of academic performance and corrective measures if any are taken. Challenges to fast learners; identification of unique qualities, nurturing their creativity, induction to research is carried out. Prospectus, academic calendar, pattern of examination is explained in advance through the handbook.
- b. **Socio psychological aspect:** Mentor- mentee system, provision of counselors (academic-social, psychosocial and personal), communication skills (language laboratory), hold on local, regional and international languages to interact with patients, family members and attendants, exhibitions and organizations and participation in seminars and conferences as well as “INVENTUM” programme (a National level programme for showcasing students research, involving competition and creativity, organised by PIMS (DU) as an annual activity).
- c. **Co academic aspect:** involvement in seminar (teachers and students) debate, quiz, guest lectures, inspirational and motivational lectures, workshops for skill enhancement and leadership, crisis management, time management, cooperation, team work and involvement in national and international programmes.
- d. **Physical infrastructure and learning references aspect:**
  1. **For stay on campus:** well furnished hostels, boarding facilities (with all basic amenities such as water, electricity, internet, security and maintenance 24X7).
  2. **Learning aspect:** well furnished classrooms, laboratories, biomedical equipment and AV and ICT facilities (computer, LCD, internet facilities) museum, skill laboratories).
  3. **Clinical resources:** OPD/IPD, wards, ICU, OTs, casualty, BB, CCL, modern diagnostic facilities.
  4. **Learning resources:** well furnished library building with rich collection of books, journals (print and e version), digital library, digitalized transaction and access.
  5. **Other support:** Food court, ATM, stationary shops, gardens, pavements, lawns etc.
- e. **Sports Aspects:** All the needed Indoor and Outdoor sports and games, Multigym, Fitness Center, PADMANJALI programme.





- f. Health Aspects:** Vaccination, GHP, GLP, SOP, periodic health checkup, free treatment, and counseling.
- g. Relaxation and recreational support:** Provision of reading rooms, magazines, news paper, cable, digital TV system, ‘Cultural-Sports Day’ celebration, college magazines, street plays, rallies and skits.
- h. Economic Support:** Liason with government to get government scholarships and freeships as well as financial assistance from public charitable trust to deserving students. Earn while learn scheme. Fee waving or payment of fees in installment for deserving students by management. Fee concession and provision of assistance in getting bank loans for educational purpose.
- i. Students Support for involvement in National building and Rural development:** Involvements in health camps, survey, school camps, adoption of families, participation in National Health Missions, involvement in disaster management and natural calamities, helping the poor and critically ill patients with all types of assistance.

#### **Systems for Students Support**

- Constitution of functional Non Statutory Committees comprising of teachers, staffs and student representatives.
- Nomination of coordinators and office bearers
- Periodic meetings, preparation of action plan and its implementation, midterm review and corrections.
- Feedback from stakeholders and its analysis review and corrections.
- Students Mentoring, Students Grievance Redressal, Students Welfare.
- Alumni Forum and Parent Teacher Forums.
- Coordinating unit for collaborations and linkages.

1.	Committees for Students Affairs	17.	Research and development (R &D) Committee
2.	Students Welfare	18.	Committees for ISR Extension and Outreach
3.	Library Advisory Committee	19.	Committees for SEP
4.	Students Council	20.	Hostel Management Committee
5.	Women’s Cell	21.	Health Care and Management
6.	Cell for POSH-Vishaka Cell	22.	Website Committee
7.	Antiragging Cell	23.	Committees for Cultural and Sports Activities
8.	Mentoring and Co-ordination Committee	24.	Monitoring Committee for Security Basic amenities
9.	College Magazine Committee	25.	Institutional Ethics committee
10.	Committees for preparation of PADMANJALI and INVENTUM	26.	Grievance Redressal Academic and General
11.	IT, ICT and E-learning Committees	27.	UG and PG Course Committee
12.	Feedback Analysis Committee	28.	Scientific Committee
13.	IVAC-IPR, EDP Cells	29.	Alumni and PTA Advisory Committee
14.	Grievance Redressal (Exam)	30.	M.E .T Cell
15.	Discipline and Code of Conduct Committee	31.	Committees for Annual Calender of events and Time-table
16.	Counselling, Career and Guidance		



These Committees have helped in providing “A home away from home” and “Hand holding guardian to student for their comfortable stay, studies and overall holistic integrated personality development.

**5.1.2 *Apart from classroom interaction, what are the provisions available for academic mentoring?***

**Provision of Academic Mentoring at PIMS (DU)**

- Annual Orientation-Induction programmes with ice- breaking sessions and talent session
- Vibrant and Proactive mentor mentee systems.
- Pannel discussion, Clinical Meetings, CPC, CME/CDE/CNE.
- Group discussion and group dynamic in learning.
- Group seminar, integrated teaching, guest lectures.
- Session on “Beyond Curriculum Scholarly Activity”.
- Proceeding of “INVENTUM” and “PADMANJALI”
- Paper /Poster presentation by students and reviews by experts: publication of papers in journals.
- Guidance for ICMR, STS project and dissertations.
- Activities of local Chapters of Professional Bodies at PIMS (DU).
- Senior students /PG students mentoring and tutoring juniors (student peers or budding system).
- Continuous Internal Assessment and it review.
- Surprise Test, Quiz, Problem Solving Sessions.
- Interaction during Alumni Meet, Parent Teacher Forum.
- Inaugural/Key note/ valedictory/theme based/thrust area based address during national/state level seminar and conference.
- Interaction with visiting “Dignitaries”, retired experts, chosen academic and professional personnels.
- Remedial coaching, tutorials for under achievers and challenges to fast learners.
- Skill development workshops/Training session (STTP).
- Preparation of SOPs, GHP, GLP.
- Socio psychological counselling and personal counselling.
- Sessions on pedagogic / innovations and learner centric approaches.
- Visit to Institutions of higher learning and health care (Bench marking).
- Career path identification orientations and development of attitude and aptitude.

**5.1.3 *Does the Institution have personal enhancement and development schemes such as career counselling, soft skills development, career Path-identification and orientation to well-being for its students? Give details of such schemes.***

**Schemes and Strategies for well being of students at PIMS (DU) are as follows**

- i. **Orientation and Induction programme** for fresher’s, annually for interns, UG and PG and newly recruited staff. All the aspects (academic, co academic, extra curricular/facilities/support/wellbeing) are covered.
- ii. **Soft Skill and Personality Development:** Training and workshops on communication skills, teaching vocabularies of local language to take patient history and its understanding, proficiency in spoken and written English through language laboratory teaching and interactive communication skill session.



- Lectures and training on culture, heritage, interpersonal relationship, social networking, code of conduct, human rights, constitution
- Induction to family adoption by students for 4 to 5 ½ years.
- Problem solving sessions and quiz programmes
- Organization of panel discussion, debates and group discussion on personality development.
- Teaching issues of bio ethics, environmental sciences, demography, society, family, community health care development.
- Orientation on human and gender development indices and parameter.
- Teaching the art of listening, practicing patience and decision making abilities.
- Imparting Yoga ,meditation and counselling for better coordination of mind and body, concentration ,overcoming stress, anxiety, fear psychosis, suicidal tendencies.
- Practicing relaxation and concentration strategies through yoga, meditation, sports, games and cultural means
- Motivational lectures by experts and elders.

### **iii. Career Counseling and Career Path identification**

- Lectures by experienced/experts' staff on life and mission of great personalities in general and of health professionals in particular.
- Workshops on importance of dreaming, ideology, creativity, goal setting and bench marking.
- Appreciation and commendation of unique and extra ordinary abilities, interest and aptitude of students towards the discipline of their choice.
- Orientation and motivational lectures by experts on career opportunities at Global-National-Local level and recent trends.
- Grooming and nurturing the interest and aptitude of a student by involving them in co curricular activities, challenges and assignments.
- Lectures on career opportunities aboard and means to secure admission (entrance tests, fee structure and other information).
- Providing information on 'Education Fairs' arranged annually in metros about career path finding and opportunities.
- Counseling by HOD, class teacher, mentor and senior students.
- Experience sharing sessions with prominent alumni in India and aboard during Alumni Meets as well as through Web-Video-Skype conferencing.
- Training cum coaching for PG CET in India and aboard as well for competitive examination.



- Role play, screening of documentation, career path identification lectures during “INVENTUM”.
- Lectures on National Integration, patriotism, national and social development, human right, peace and coexistence, secularism, tolerance and law abiding concepts and practice.

All these strategies have helped the students of PIMS (DU) over the years to travel their career paths, reach the goals and bringing glory to PIMS (DU) and themselves.

**5.1.4** *Does the institution have facilities for psycho social counselling for students?*

**YES. Facilities for psychosocial counselling are at three levels**

- i. At Departmental Level , ii. At College Level iii. At University Level

The Class teachers and HOD at department level, the mentors, and coordinators of student’s affairs at college, the psychological counsellors and co-coordinators of student’s affairs at PIMS (DU) level provide psychosocial counselling. It is both at group, mini group and individual level. Students identified with the need for intervention of personal psychological counselling is attended by psychological counselor; strict confidentiality is maintained.

Since PIMS (DU) is a University for health professional and hence all the teachers have knowledge and skills of providing psychological counselling. The Clinical Psychologist and Psychiatric specialists of the Department of Psychiatry looks after the aspects of referred personal counselling. Confidentiality is maintained. Parents are informed and /or involved in case of need. Aspects of adjustability (away from home, moving to an unknown place) anxiety, stress, depression, examination fear, psychosis, cultural and language barriers are addressed.

Sessions include dialogue, discussion, confidence building, problem identification and suitable remedial measures followed by rehabilitation. Even the process of grievance redressal (general and examination) helps in solving number of psychosocial issues. The clinical psychologists from the Department of Psychiatry provide personnel counselling. The class teacher, mentors, students, peers provide socio-psychological counselling, career counselling and academic counselling. The faculty members also provide pre admission counselling to the parents and prospective students.

**5.1.5** *Does the Institution provide assistance to students for obtaining educational loans from banks and other financial institutions?*

**YES**, During the admission process and pre admission counselling, the students and parents are given relevant information about the educational loans available for students from Nationalized and Scheduled Banks at subsidized interest rates and telescopic repayment mechanism.

- Central Government’s Portal “Vidyalaxmi” is made known to students.
- Tie up with local banks and liaison with other banks.
- Provision of necessary documents for submission of bank and issue of bonafide certificate of admission and progression.
- Co-ordinating units of PIMS (DU) – CET Cell, Students Affairs Section ensure hassle free transactions of these schemes
- Emphasis to confidentiality, accountability and transparency.



**5.1.6 Does the institution publish its updated prospectus and handbook annually? If Yes, what are the main issues/activities/information included/provided to students through these documents? Is there provision for online access?**

**YES.** PIMS (DU) publishes its annual prospectus for each of its institution before the commencement of admission process. There is provision for online access of admission form and prospectus. Hand books are issued to students after admission process. It includes academic calendar, and other academic aspects. Brochures are also published.

**Main issues covered in the prospectus included the following:**

- Profile of the University, its Constituent Units, recognition by statutory bodies, courses offered and intake, regulations, syllabus.
- Admission process, fee structure and mode of payment.
- Physical facilities, learning resources, clinical resources and other support facilities for well being-sports, culture, hostels, security, basic amenities.
- Salient features of laboratories, museums, and clinical departments, therapeutic and diagnostic facility, patient flow and success stories.
- Aspect of research and development, extension and outreach
- Unique collaboration and linkages and their accomplishments.
- Recognition, awards, rewards, successful achievements and attainments.
- Illustrations on “INVENTUM”, “PADMANJALI”, convocation, conferences, seminars, visit by dignitaries and delegates.
- Emphasis on security, discipline, Antiragging, DO’s and DON’T’s.
- Information on Committees, Statutory officers and contact address.

**5.1.7 Specify the type and number of institutional scholarships/freeships given to the students during last four years. Was financial aid given to them on time? Give details (In tabular form)**

PIMS (DU) offers fee concession and waiver to meritorious and deserving students of its constituent college every year, especially the students of College of Nursing, College of Biotechnology and College of Physiotherapy (5 to 10 students on an average per year)

- Fee concession and waiver is also extended to the employee’s children on admission.
- PGs and Interns are given monthly stipend during tenure of studies.
- PIMS (DU) “Earn while learn scheme” for nursing students. Nursing students of rural area are beneficiaries of economic assistance.
- Disbursement of “Ratan Tata Memorial Scholarships to nursing students.

**5.1.8 What percentage of students receives financial assistance from state government, central government and the national agencies?**

**PIMS (DU) facilitates the award and disbursement of**

- i. State Government Freeships and scholarships to eligible students.
- ii. TNAI Scholarship, New Dlehi.
- iii. SNA Scholarship, New Delhi
  - 100% of minority student receive scholarship
  - The students from college of nursing are the major beneficiaries of this scholarship. All the students belonging to minority sections are awarded Government of





Maharashtra minority student's scholarship at a rate of Rs. 25,000/- per student per year.

- As per TNAI, National Policy every year 2 UG and 2 PG students are awarded scholarship

**No of students in Earn and Learn Scheme (College of Nursing)**

Year	No of students	Amount in lakhs
2013-2014	15	3.1
2014-2015	25	5.7
2015-2016	08	4.0

**Number of Nursing students getting financial assistance from the university**

**PG and Ph.D. Students getting assistance**

Sr No	Type of Scholarship form	UG/PG	Academic Year						Total No. Of Students	Total Amount received by students (in Rs.)
			10-11	11-12	12-13	13-14	14-15	15-16		
1	State Govt.	UG (B.Sc)	3	12	14	12	6	4	51	12,75,000
		UG (P.B.B.Sc)	--	6	9	8	1	--	24	6,00,000
		PG (M.Sc)	--	2	2	5	2	2	13	3,25,000
	<b>Total</b>		<b>3</b>	<b>20</b>	<b>25</b>	<b>25</b>	<b>9</b>	<b>6</b>	<b>88</b>	<b>22,00,000</b>
2	Parent university (PIMS-DU)	UG (B.Sc)	--	--	--	--	9	8	17	99,600
		UG (P.B.B.Sc)	--	--	1	1	--	--	2	45,000
		Diploma RGNM	--	--	--	14	16	--	30	1,89,150
	<b>Total</b>		<b>--</b>	<b>--</b>	<b>1</b>	<b>15</b>	<b>25</b>	<b>8</b>	<b>49</b>	<b>3,33,750</b>
	<b>Over all total</b>		<b>3</b>	<b>20</b>	<b>26</b>	<b>40</b>	<b>34</b>	<b>14</b>	<b>137</b>	<b>25,33,750</b>
PIMS (DU) provides <b>Earn and Learn Scheme</b> for UG and Diploma students (3days in a month i.e. Rs.50 per hour – and student earns Rs. 1650 per month )										

**PIMS (DU), Dr APJAK College of Physiotherapy**

**Percentage of students of COPT receiving financial assistance from State/ Central Govt.**

Year	UG	PG	Percentage %
2011-2012	07	04	05.09
2012-2013	20	03	05.55
2013-2014	29	02	10.64
2014-2015	30	03	13.71
2015-2016	29	--	12.83



**5.1.9 Does the institution have an International Student Cell to attract foreign students and cater to their needs?**

**YES.** PIMS (DU) has a Directorate of “International Collaboration, headed by a faculty member (Its details are given at 3.7 of SSR).

- Centre for Social Medicine offers a “Certificate Course in Social Health and Development” exclusively for students from aboard (USA, European Countries, Australia, representing 40 plus foreign Universities). These students earn the credits that are transferred to the parent Universtiy aboard for the award of Degree - a twinning programme.
- So far 101 students from foreign Universities have been benefitted under this scheme as well as under student exchange programme.
- The Directorate of Collaborations and Director/Principals of Constituent Units are involved in preparing the schedule, calendar, training aspects and certification.
- PIMS (DU) has built a dedicated Hostel ‘International Centre’ and NRI hostel for boys and girls with all required amenities.
- The Directorate is involved as a Liaison office to address the issues of visa, travel plan, accommodation, boarding facilities, communication means, local language interpreter and so on.
- Liason with Government of India, MOHFW, MHRD, MEA, AIU.
- Local guidance, guardianship, help desk and emergency services are in place.
- Teaching of local language words used frequently and their meaning.

**5.1.10. What types of support services are available for**

<b>Types of support services are available for students</b>
❖ <b>Overseas students</b>
• Please see Annexure at 5.1.9
• <b>Physically, challenged /differently abled students</b>
▪ Lifts in every building ▪ Ramps at the entrance, library, hopital ▪ Wheel chairs ▪ Prosthetic centre • Reservation policy
❖ <b>SC/ST,OBC and economically weaker sections</b>
▪ Preference to SC/ST, OBC students as per norms. ▪ Financial assistance ▪ Fee Waiver, fee concession ▪ Felicitation of Government scholarship. ▪ Earn while you learn scheme ▪ Mentoring, additional learning resources ▪ Liason with bank for education loans
❖ <b>Students participating in various competitions/conference in India and aboard</b>
▪ Provision of registration fees, TA,DA, nutritional allowance ▪ Guidance and coaching ▪ Special classes for OOD days.
❖ <b>Health Centre, Health Insurance etc.</b>
▪ Free Medical check-up, diagnosis, therapeutic, medicines, consultancy, nursing care, rehabilitation. ▪ Provision of tertiary care specialty ▪ Hospital with specialist, immunization, ADR,SOP, protective devices for hospital



<ul style="list-style-type: none"> <li>infection safety, radiation safety</li> <li>▪ Health Insurance desk under the supervision of MS,RMOs</li> <li>▪ Emergency medical services for all the students in the campus.</li> </ul>
<p><b>❖ Skill development (Spoken English, Computer literacy etc).</b></p> <ul style="list-style-type: none"> <li>• Soft skill development programme on communication skills.</li> <li>• Language laboratory facilities</li> <li>• Compulsary English newspaper reading</li> <li>• Digital Library resources</li> <li>• Training on usage of ICT in digital library and ECMC centre, computer centers.</li> <li>• Teaching local language.</li> <li>• Hard skills and professional skill development through practicals, hands on experiences.</li> <li>• Training and Workshops on Biomedical instrumentation and usage in diagnostics, therapeutics and skill laboratory.</li> </ul>
<p><b>❖ Performance enhancement for slow learner</b></p> <ul style="list-style-type: none"> <li>• Remedial coaching and tutorials</li> <li>• Mentoring and guardianship</li> <li>• Interactive session with teachers, mentors, parents and PG students</li> <li>• PG and senior students as student peer(buddy system)</li> <li>• Repeated tests, surprise tests, special attention</li> <li>• Counseling</li> </ul>
<p><b>❖ Exposure of students to other institutions of higher learning/corporate/business houses etc.</b></p> <ul style="list-style-type: none"> <li>• Deputation to participate in conference and seminars, paper or poster presentation</li> <li>• Visit to International/Industries of repute (AFMC, AIIMS, PGI, JIPMER)</li> <li>• Invited talks from resource persons from Institution of National and International repute.</li> </ul>
<p><b>❖ Publication of student magazines, newsletters</b></p> <ul style="list-style-type: none"> <li>• All the constituent college of PIMS (DU)</li> <li>• Publishes college magazines (Annexure 3.3)</li> <li>• Chronicles</li> <li>• PADMANJALI</li> <li>• BHARARI</li> <li>• Publication of Pravara Medical Review</li> </ul>

**5.1.11 Does the institution provide guidance and /or conduct coaching classes for students appearing for competitive examinations (such as USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS)? If yes, what is the outcome?**

PIMS (DU) arranges expert lectures and coaching for students to prepare them to face PG Entrance tests in India, USMLE, PLAB, TOEFL, IELTS, JFR-NET, GRE, Defence, Railways, ESIS, DMER, DHS, CGFNS and so on. The syllabi of these examinations, QPS and methodology are made available in Learning Resource Center.

- Annually around 3-5 nursing graduates go aboard by clearing competitive exams. Around 20-30 nursing graduates get appointment in Government Hospitals.
- More than 50% of the students of RMC and RDC are successful in clearing PG CET at National and State level (government, private, deemed institutions) to pursue higher education.
- Select students have gone to Middle East Nations, Australia, USA, Europe for service.
- During the last 10 years in 16 students have passed NET, SLET, GRE, IELTS, TOEFL examinations.



**5.1.12 Mention the policies of the institution for enhancing student participation in sports and extra curricular activities through strategies/schemes such as**

<p>❖ <b>Additional academic support and academic flexibility in examinations</b></p> <ul style="list-style-type: none"> <li>• Special classes and special examinations for the days of ODD</li> <li>• Academic calendar preparation to felicitate the participation sports and games.</li> <li>• Annual International, Inter Departmental Competitions - "PADAMANJALI" in February every year as per schedule</li> <li>• Celebration of Commemorative Days as per academic calendar</li> <li>• Clinical posting adjustments.</li> <li>• Compensatory teaching, Tutorials and Remedial Classes.</li> </ul>
<p>❖ <b>Special dietary requirements sports uniform and materials</b></p> <ul style="list-style-type: none"> <li>• Provision of TA, DA, Nutritional food allowance, dresses as per code, track suit, blazers.</li> <li>• Provision of all needed sports material.</li> <li>• Coaching, Training and Guidance as per schedule.</li> <li>• Organization of Annual grand event called "PADMANJALI" in February every year.</li> <li>• Mutigym and Fitness Centers in all hostels.</li> <li>• Sessions on Yoga and Meditation.</li> <li>• Relaxation, Fitness and Rehabilitation strategies from Physiotherapy Department.</li> </ul>

**5.1.13 Does the institution have an institutionalized mechanism for student placement? What are the services provided to help students identify job opportunities, prepare themselves for interviews and develop entrepreneurship skills?**

**YES.** Institutional mechanism exists for placement in College of Nursing and Physiotherapy. The student section, counselor, mentors and class teachers give career guidance and career path identification. They are also given training and coaching for competitive examination- IELTS, CGFNS, Defence, DMER, DHS/ESIS and Railways.

- Every year, around 20-25 nursing graduates get placement in government hospital. Remaining ones are placed in Pravara Rural Hospital at PIMS (DU) or elsewhere.
- Every year 3-5 graduates get Foreign Service opportunity and are serving in reputed health care institutions.
- Select students are also given guidance to join MNC's.
- Being a Health Professional Institute, all the graduates and PGs get 100% placement in government or private or public sector.
- Networking of teachers, Alumni, professionals help in getting good placements.
- Students are trained for competitive exam, interviews and preparation of CVs.
- Staff of PIMS (DU) trains their student to set up their clinics and specialty clinic and services. Training on entrepreneurship is given.
- Senior faculty, their alumni and parents networking facilitate the modernization and upgradation of Clinics and Hospital.

**5.1.14 How does the institution provide an enriched academic ambience for advanced learners?**

**Enrichment of academic ambience for fast learners**

- Provision of assignment, seminars, report writing, quiz.
- Group Leadership of batches in practicals, clinical rotation, and visit to PHC's, organization of Multi Faculty Diagnostics and Screening Camps at villages.



- Leading rallies, awareness programmes and delivery of lectures, organize street plays, skits and role plays.
- Motivation to undertake ICMR, STS projects.
- Participation in National Level Seminar and presentation of posters/papers and obtain peer review.
- Publication of research articles, booklets.
- Membership in Editorial Committees of Magazines, Chronicles, Student Support Committees.
- Leadership in “INVENTUM” and “PADMANJALI”.
- Provision of scholarships for meritorious students.
- Enhanced learning resources, ICT facilities in library, clinical postings and e- learning resources.
- Awards and rewards, certification, commendations during Annual Day, Foundation days, Convocation, Awards of Gold Medals and Trophies.
- Provision of student exchange programme with foreign Universities.
- Visit to University of Skovde, Sweden.
- Visit to European University under Erasmus Mundus.
- Provision of Linnaeus Palmme Exchange Programme.
- Institutions encourages the advanced learner by honouring the students with gold medal, certificate, trophy and cash awards.
- **Rural Medical College:** Dr B.N Purandare Gold Medal for final year M.B.B.S.
- **Rural Dental College:** Dr Rafiuddin Ahmed Gold Medal for Final year BDS.
- **College of Nursing:** Mother Teresa Award for Final year B.Sc Nursing.  
Florence Nightingale Award for Final Year P.B.B.Sc Nursing  
Late Smt Gagubai Eknathrao Vikhe Patil All round best Nursing student.  
Late Smt Dropadabai Vitthalrao Vikhe Patil All round Second Best Nursing student.
- **Dr APJAK College of Physiotherapy:** Sau Sindhutai Eknathrao Vikhe Patil Gold Medal for final year B.P.T.
- The Chancellor’s rolling Trophy for Best Research Paper.

**5.1.15** *What percentage of students drop-out annually? Has any study been conducted to ascertain the reasons and take remedial measures?*

Since it is a health Professional University, students join the courses with full determination and clear aptitude. Hence no one drops out .As stray cases in College of Nursing, College of Biotechnology, and College of Physiotherapy less than 1.5% students opt out (not drop out) or join other institutions nearest their native place. They are given orientation, motivation, scholarship, financial incentives, facilities, remedial measures, anti ragging strategies, grievance redressal mechanism. Hence even these stray cases of drop out are stopped. They are assured of quality education and 100% job placement.

**5.1.16** *Give the number of students selected during campus interviews by different employers (List the employers and the number of companies who visited the campus during the last four years)*

Since PIMS (DU) is a professional health Science Institution, concept of campus interview and empanelment of MNC is not practiced for Medical and Dental Graduates. Because of diverse opportunity for higher education in specialties and 100% placement in





India and abroad, students need only guidance for career orientation and career path identification (Annexure at 5.1.3)

In case of Nursing College, MNCs like Apollo Hospital, Bharati hospital, Dr D.Y Patil hospital visit our campus to recruit our students to their hospital.

‘Portea’, a pioneer in Physiotherapy care at home based in Bangalore, conducted campus interview for interns and post graduates on 11.01.2016. Twenty (20) students appeared for the interview from which 09 interns and 08 post graduate students from different specialities were recruited adding to a total of 17 being selected in all.

**5.1.17 Does the institution have a registered Alumni Association? If Yes, what are its activities and contributions to the development of the institutions?**

All the Institution of PIMS (DU) has Proactive vibrant Alumni Forums.

College	Alumni Forum
RMC	RMC Alumni Forum
RDC	RDC Alumni Forum
CON	CON Alumni Forum “SMRUTI”
CSM	CSM Alumni Forum
CBT	CBT Alumni Forum
PIMS(DU)	PIMS (DU) Alumni Association.

**Functions and contributions**

- Annual Meets- sharing of experiences
- Visit of Alumni to Institution-Lecture, Networking, Linkages
- Invitation to participate in Seminars, “INVENTUM”, and Convocation organized at PIMS (DU).
- Suggestions regarding the improvement of CDD, Skill enhancement, pedagogy, evaluation methods.
- Alumni feedback analysis
- Involvement of alumni in extension outreach
- Research & Development activities

**5.1.18 List a few prominent alumni of the institution**

**PIMS (DU) College of Nurisng**

Sr. No	Name & Designation	Year of Passing at PIMS	Place of work of alumni
1	Ms. Priya Sebastian Nurse Practitioner	2006	Canada
2	Ms. Precy Cherian Nurse Clinician	2011	New Zealand
3	Ms. Anju Paul Nurse Clinician	2008	London
4	Mr. Tom Johnson Nurse Clinician	2008	Canada
5	Mr. Sainath Athare Nurse Educator	2004	Hindustan Petroleum Ltd, Mumbai
6	Mr. Jagdish Shinde Staff Nurse	2011	Central Railway, Kalyan – Mumbai
7	Mr. Kamlesh Varma Staff Nurse	2007	Military Hospital, Mumbai
8	Ms. Sonali Borhade Staff Nurse	2005	Military Hospital, Assam
9	Mr. Takshak Waghmare Staff Nurse	2006	ESIS Hospital, Mumbai
10	Mr. Pankaj Nehe Nurse Specialist	2013	Thane Mental Hospital, Thane



11	Ms. Achala Gaikwad	Ph.D. Scholar	2006	NIMHANS, Hosur road, Bangalore
12	Ms. Pournima Naik	I/C Vice Principal	2004	NDMVP College of Nursing, Nashik.

**PIMS (DU) APKAJ College of Physiotherapy**

S. No	Name of the Alumnus	Designation held
1	Nikhil Kasar	Faculty, Sheffield Hallam University
2	DeepikaSawant	Registered Therapist, Apex Physiotherapy and health care, Abbotsford, British Columbia
3	AashirwadMahajan	Persuing Ph.D, Greece
4	NupurKulkarni	Persuing Ph.D, Greece
5	Shweta Patel	Licensed Therapist, Australia
6	SamikaKhandelwal	Licensed Therapist, Canada
7	TulsiJani	Licensed Therapist, Rockford, Illinois
8	AmrutaGunjal	Licensed Therapist, Michigan
9	KapilMangaldas	Certified Therapist, USA
10	Afroz Pasha	Certified Therapist, USA
11	Viral Katera	Certified Therapist, USA
12	Shefali Gandhi	Certified Therapist, USA
13	SanketNaik	Physical therapist, Rush Memorial hospital, Indiana

**PIMS (DU) Centre for Biotechnonology**

Sr. No.	Name & Designation	Details at the PIMS University	Year	Place of work of alumni
1	Sohan Asardohkar Assistant Managaer	B.Sc, M.sc (Int) Medical Technology	2010	Axillaries Lab Pvt Ltd Gujarat
2	Bhupinder Ramtake	B.Sc Life Sciences,	2008	Bank of Maharashtra, Pune Head Office
3	Neeraj Bharthe Project Engineer	B.Sc Life Sciences,	2009	CDAC Research and Development Centre .Pune
4	Kuldeep Khope Production Officer	B.Sc, M.Sc (Int) Medical Technology	2010	Serum Institute of India, Pune
5	Nahush Karnataki	M.Sc (Ind) Medical Biotechnonlogy	2007	Thermo Scientific, UK
6	Sujay Naik Former Executive	B.Sc, M.Sc (Int) Medical Technology	2010	Integrated Gulf Biosytem, UAE
7	Deepak Choudhari	M.Sc (Ind) Medical Biotechology	2014	Aarti Drugs Ltd,Tarapur, Mumbai

**PIMS (DU) Rural Dental College**

Sr. No.	Name & Designation	Details at the PIMS & Year	Place of work of alumni
1	Ashwin Surve	2012	Consultant MOH ,Kuwait
2	Imran Khatib	2011	Consultant MOH ,Qatar
3	Nikhil Bobade	2014	Private Practice ,Mumbai
4	Nishant Sarda	2015	Private practice, Latur



5	Dr. B. Latti	2009	RDC, Loni
6	Dr. Pratibha Gore	2011	Dental college , Ahmednagar
7	Dr. S. Sabnis	2011	Dental college , Ahmednagar
8	Dr. Sanjay Thete	2012	RDC, Loni
9	Dr. Rajanikant	2002	Professor in SPDC Wardha,Nagpur
10	Dr. KiranKhande	2003	Consultant OMFS surgeon in ShirdiSuperspeciality hospital.Shirdi
11	Dr. Shilpa Shirwardkar	2003	Reader, Dept Of Orthodontics, Sinhgad Dental college
12	Dr.Kiran Deshpande	2005	Reader, Dept Of Orthodontics, BVP Dental college, Mumbai
13	Dr.Minal Patil	2012	Mumbai
14	Dr.Gaurav Shinde	2012	Sangamner
15	Dr. Mayur Khairnar	2012	Periodontist & Implantologist at Precision Dental Clinic, Vasai. Conducts hands-on courses on Implants at National & International level.
16	Dr. Richa patel	2015	Periodontist & Implantologist at Global Hospital, Andheri (w)
17	Dr. Preetam Mahgaonkar	2015	Sr. Lecturer SMBT Dental college, Sangamner
18	Dr. Yogesh Sonawane	2014	Sr. Lecturer Yashwantrao Gadakh college, A'Nagar
19	Dr. Shweta Mishra	2011	Kalinga institute of dental sciences, Bhubneshwar, Orrisa
20	Dr.Teashree Mantri	2012	MIDSR Latur

**PIMS (DU), Rural Medical College**

Sr. No.	Name & Designation	Details at the PIMS & Year	Place of work of alumni
1.	Dr. SA Athavale	2002	Addi.Prof. AIIMS, Bhopal.
2.	Dr. Abu Siddiqui	2007	Asso.Prof. AIIMS Raipur.
3	Dr. Avijit roy (pune university)	2002	Dy. Director, Health Services, Andaman & Nikobar
4	Dr. K. Raja Gopal Rao (pune university)	2002	Professor in PSM, Medical College, Rajamundri, Andhra Pradesh
5	Dr. C.S. Makhani	2010	Asst Professor (Col.) Arms force Medical College, Pune.
6	Dr. U.R. Gonnade	2012	Asst Professor Pt J.M.M.C. - Raipur
7	Dr. Vaibhav Kapoor	2010	Delhi pursuing fellowship in GI Surgery
8	Dr Sagar Kotalwar	2012	Hyderabad, Consultant Apollo Hospital
9	Dr. Gagan Sharma (PG)	2007	DM Cardiology , Haryana
10	Dr. Amol Mahajani (UG + PG)	2010	DNB Neurology , Pune
11	Dr. Avinash Jadhavar (PG)	2011	Consultant at Shridi Sansthan Hospital
12	Dr. Apurva Bhalgaonkar	2004	Asso. Professor, Medical College, Aurangabad.
13	Dr. Shalini Sachdev	2002	Associate. Professor, RMC, Loni.
14	Dr. Anita Kwatra	2004	Associate. Professor, Medical College, Agra.
15	Dr. Priyanka Dhayதாக	2011	Asst. Professor KEM, Mumbai



16	Dr. Akshay Bhandari	2011	Asst. Professor RMC Loni
17	Dr. Chaitrangi Rohekar (MD)	2014	Fellowship of Clinical Haematology at Bombay Hospital,
18	Dr.Saurabh Gujarathi (MD)	2014	Aditya Birla Hospital , Pune
19	Dr. Anna Gupta (MD)	2011	Assistant Professor in Jammu
20	Dr Noorie Minocha (MD)	2011	1.Great Ormund street hospital London fellowship 2.Fellowship inPICU at KEM hospital Mumbai
21	Dr Abhijeet Singla(MD)	2012	1.Fellowship at Westmead Hospital, Sydney 2.Fellowship in PICU at KEM hospital Mumbai
22	Dr Romal Kumar	2012	1.Fellowship in PICU at Narayan Hrudalaya Hyderabad
23	Dr. Gurmeet Singh	2012	2.Fellowship in PICU at Narayan Hrudalaya Hyderabad
24	Abhay John	2013	Cognizant, Mumbai
25	Abhinav David	2014	Medical College, Mirath
26	Prashant Patel	2015	Tata Consultancy, Mumbai
27	Dr. Vinod	2011	Asst Prof at MRMC, Medical College, Gulbarga (Kar)
28	Dr. Santosh Chidri	2012	Asst Prof. Kamini Institute of Med Science At Hyderabad (Andhra Pradesh)
29	Dr. M.C. Tayade	2012	Asst Prof in RMC Loni
30	DR. B. SAIRAM	2012	Hyderabad
31	Dr. Ajay Kolse	2010	Clinical Assistant at Hinduja Hospital, Mumbai
32	Dr. Bhushan Nikam	2011	Asst. Prof. at RMC PIMS Loni
33	Dr. Rohan Kharde	2012	Asst. Prof. at RMC PIMS Loni

The distinguished alumni of PIMS (DU) of CSM are Ms. Laxmi Gautam, Mr Somnath D Tribhuvan, Mr. Alok Kumar Singh, Ms. Reecha Ghimire, Ms. Reshma R Garje, Ms. Sujata Gokul Gadeakr and Dr. Renuka Basavraj, and they are placed across India as well in abroad

**5.1.19 In what ways does the institution respond to alumni requirements?**

- Provision of counseling & consultancy on professional health education and tertiary specialty health care.
- Opinions and discussion on establishing clinical nursing homes, diagnostic labs and their upgradation.
- Provision to utilize the research facilities, learning research, ICT and digital library, skill labs, OT facilities at PIMS (DU).
- Facilitates the organization of alumni meets, establishing alumni network and information sharing.
- Guidance of career path identification, reference and certification
- Guidance and orientation on latest global national trends, National Health Mission, protocols, SOPs, drug policy, nursing policies, rehabilitation policy.
- Training on latest biomedical instrumentation used for diagnostic, therapeutic and rehabilitation.
- Extending invitation to participate in academic activities.



**5.1.20 Does the institution have a student grievance redressal cell? Give details of the nature of grievances reported. How were they redressed?**

**YES.** PIMS (DU) has grievance redressal mechanism at multiple levels

- ❖ Departmental level (Class teachers and HOD's)
- ❖ Institutional level ( Head of institution heading grievance committee)
- ❖ University level (Senior faculty at PIMS (DU))
- Based on the nature of grievances to be redressed, several types of committees are constituted (reconstituted every year) consisting of senior faculties and student representatives
  - i. Student's Grievance Redressal Committee
    - Academics, eligibility, attendance, calendar of events
    - Facilities at departments, instruction of learning resources, library, clinical setup, research.
    - Student support: Anti ragging, welfare, international aspect, financial and economic aspects, sports related issues, sports centered activities, competitions
  - ii. Hostel related grievance redressal: hostel facilities & services.
  - iii. Student grievance redressal mechanism (internal evaluation/university examination)
  - iv. Women's Grievance Redressal Cell (prevention of harassment/sexual harassment and violation of code of conduct, misbehavior /women empowerment issues.)

**Functions-**

- Regular periodic meetings to consider formal or informal grievances, based on complaints, notice, and oral submission and observation, media report, observation by statutory and nonstatutory committees and officers.
- Adherence to the principles of natural justice, non-victimization, transparency and accountability.
- Follows well set procedures- hearings, examination of evidences, circumstantial evidences and nature of violations
- Recommendations to higher authorities for taking needed actions

**Nature of grievances reported-**

- Because of the systems and process at PIMS (DU) at all institutions and office's round the clock vigilance, CCTV surveillance & security 24X7, surprise checks, there are no major grievances or ragging or harassment complaints so far
- Minor grievances are of day to day work related nature like electrical repairs, computer, internet connections, equipment repairs, water supply, non-cooperation by individual, delay in compliance, and decrease in the quality services and so on.
- Grievances related to college timings, time table, holiday declaration, opening and working hours of counters, helpdesk, issues of mark cards, corrections of documents, payment of dues, entry restrictions at hostel, library timings and issues of books, digital library functioning, Wi-Fi connectivity, failure of communication links and so on.
- All these day to day grievances are redressed amicably to help the students
- The grievance redressal committee also attend to the grievances when brought to their notice, without waiting for any formal complaints





**5.1.21 Does the institution promote a gender-sensitive environment by(i) Conducting gender related programs(ii)Establishing a cell and mechanism to deal with issues related to deal with issues related to sexual harassment? Give details.**

- The University had established Cell for Woman and Sexual Harassment Redressal as per Vishaka Guidelines of UGC/ Government of India. It has also got its units at Constituent Units.
- This cell deals with issues related to sexual harassment on the campus and hospital premises if any in a time bound manner, aiming at ensuring support services to the victimized, termination of the person involved in harassment and appropriate action against the offender.
- At each College level as well as at University level, well structured and functioning women cell is available. Periodically as per needs, female students are guided for legal issues and protective action.
- Guest lectures and special guidance are given regarding social development, family, women health, psychological adjustment, stress, depression, conflicts, complexities
- Regular orientation programme for the female students are arranged on the campus for their rights, duties and responsibilities
- College gives opportunity to interact with Mahila Mandals. Visits and meetings arranged at Mahila Ayog and interaction with office bearers are also arranged.
- The Cell conducts programme on gender issues as a part of International Women Day Celebrations. Sports facilities, exclusive hostels facilities are provided for the women.
- The students participates in rallies and mass education programme on female foeticide, child marriage, public and domestic violence against women etc. in the rural and urban community.
- Protection, security 24X7, CCTV surveillance restricted entries to hostels and regular monitoring has helped in ensuring discipline on the campus.

**5.1.22 Is there an anti-ragging committee? How many instances, if any, have been reported during the last four years and what action has been taken in these cases?**

- As per UGCs guidelines PIMS DU has set up anti ragging committee at each of its Constituent Units, comprising of principal, selected staff, student affair and welfare committee coordinator, hostel warden, legal officer, AO, police inspector, Sarpanch, local media representative, as well as student representative .
- The names of the committee members along with their phone numbers are displayed at the prominent places. Posters, precautions and slogans on anti-ragging displayed as an offence and crime has been displayed at all strategic locations.
- Anti-ragging squad are on the move around the campus at different locations to monitor and ensure anti-ragging
- Orientation program includes the strategies to prevent ragging.
- Sworn in affidavits from students endorsed by parents are collected every year.
- Anti-ragging squad visits hostel during and after office hours at locations where students are on the move- hostels, sports ground, canteen, library etc.
- Teachers are posted to stay in the hostel during night hours after fresh admissions.
- Till this day no case of ragging has been reported at PIMS (DU).



**5.1.23** *How does the institution elicit the cooperation of all its stakeholders to ensure the overall development of its students?*

- The main stakeholders are parents, students, alumni, employers, external experts and the community.
- Interactions with the parents are done during the admission, lamp lighting ceremony and Convocation/Graduation day.
- Parents of the freshers undergo orientation programme regarding rules and regulations of the institution through parent teachers meeting.
- Parents receive performance appraisal of their wards after every examination.
- Students Council conducts periodic meeting to encourage for student's participation in co-curricular activities.
- Suggestion Box is kept in the Constituent Units of PIMS (DU) for obtaining suggestion from the stakeholders.
- Students Council actively participate and organize sports, cultural activities, PADMANAJALI Celebrations and Celebration of Health Days.
- Syllabus and Curriculum are updated and modified regularly based on the feedback of the stakeholders.
- Students are exposed to community health centres through Rural Primary Health Centre and Rural Hospital which is under the administrative control of Government Sector as well of management, adoption of schools, families and participation in mini camps, rallies, and multi diagnostic camps.
- Alumni members contribute their feedback on curriculum; TLE, Resarch and development are modified to prepare the students to face the future challenges.
- Co-operation of local NGOs, Gram Panchayats, Mahila Mandals in extension and outreach activity.
- Co-operation of office of Government and SGO to implement helath missions at rural areas.
- Philanthropists and Charitable Trust are contacted.
- Co-operation of families for getting them adopted by students.
- Experts, peers and senior citizens to guide students.

**5.1.24** *How does the institution ensure the participation of women students in intra and inter institutional sports competitions and cultural activities? Provide details of sports and cultural activities where such efforts were made.*

- The Institution believes in gender equity, hence provides equal opportunity of women students to participate in institutional sports and cultural competitions.
- Students Council has female student representatives who encourage female students to participate in rangoli, hair style competition, mehendi, master chef competition, painting, flower decoration competition etc. Girls students participates in great ethusiam.
- Women students are motivated to participate in outdoor games like under arm cricket, volley ball, basket ball, badminton, Kho-Kho etc and indoor games like chess, carrom etc. The girl students participates in cultural activities like singing, dancing, mimicry, fashion show, drama and skits.
- Student Association provide female students all the facilties and provisions (travelling allowance, daily and nutritional allowances) to participate in the competitions. The institution considers the weightage in attendance and also by taking extra classes.



- International Doctor’s Day, International Nurses Day Celebration and International Womens Day Celebration are celebrated by organizing Breast Self Examination and mass health education on breast cancer, women health, anaemia, bioethics, moral education, culture, heritage, protection of environment, constitutional duties and responsibilities and rights.
- Women students actively participate in sports and cultural events during annual gathering “PADMANJALI” and national annual research events for students “INVENTUM”.

**5.1.25 Does the institution enhance the student learning experience by providing for rotation from teaching hospital to the community and district hospital during the internship period?**

- Students actively participates in Health Day Celebrations in the community e.g World AIDS Day, Tuberculosis Day, World Health day etc, participation in camps (mini and multi diagnostic), rallies (Swachta Rallies), street play, campaign of health mission.

Sr No	Institution	Internship duration	Posting at main Hospital	Posting to PHC	Other community posting	Posting for visits outside
1	RMC	12 months	10 months	2 months	Yes	Yes
2	RDC	12 months	9 months	3 months	Yes	Yes
3	CON	6 months	5 months	1 month	Yes	Yes
4	COPT	6 months	5 months	1 month	Yes	Yes

**5.1.26 Does the institution have immunization policy for its students and staff?**

Hepatitis B Vaccine is available for all students and staff. PG’s working in clinical departments, health care and lab workers with high risk of contracting (occupational hazard) are immunized for Hepatitis B. Anti rabies vaccination and Post Exposure Prophylaxis (HIV) is carried out for all health care workers when necessary. Other seasonal or specific vaccination as per protocols is undertaken.

**5.1.27 Does the institution give thrust on students growth in terms of Physical development, Emotional control, Social dimension and Spiritual growth**

The Curriculum at PIMS (DU) has provision for co-curricular activities for the overall physical, emotional and social and spiritual growth of the students.

**❖ Physical development**

- Yoga camps are organized by the university for these students.
- University conducts inter collegiate sports events during “PADMANJALI” annually. The Institute organizes Ganesh Chaturthi sports events for the students.
- Zumba classes are conducted for students every fortnightly on Thursdays between 4-5 pm.
- Provision of outdoor and indoor sports facilities, materials, coach, nutritional aspects, dress code
- Provision of multigym, physical fitness centre
- Tai chi classes are conducted every year for 3 months by trained international faculty from October to December once every week.
- Hula hoop training is given to all students for improving core strength.



❖ **Emotional control**

- The Institution had sessions on Universal Human Value and Personality Development (30 hrs sessions in the nursing curriculum Part I for the first year and Part II for the second year.)
- Students counselling is provided by the mentors
- Short term certificate course on Yoga and Health is being introduced.
- Guest lecture given on “Stress Management” and “Alternative and Complementary therapy” by the experts.

❖ **Social dimension**

- Every year students are involved in National Day Celebration: Republic and Independence Day Celebration by singing the national anthem, Commemorative Days, Festivals.
- Students participate in marathon, rallies, and campaigns.
- Educational visits are planned to Orphanage, Snehalaya, old age and destitute homes.
- Institution motivates students to participate in blood donation camps. Eye donation and organ donation campaigns etc
- Students organise mass health educational programmes for school children in the community
- Brain gym workshop

❖ **Spiritual growth**

- There are places of worship within the campus to attain the positive spiritual health.
- Lectures and session on philosophy, service, value of life and living, sacrifice, art of living.

## **5.2 Students Progression**

### **5.2.1 What is the student's strength of the institution for the current academic year? Analyze the program-wise data and provide the trends (UG to PG, PG to further studies) for the last four years.**

#### **Trend Analysis**

- There is good demand ratio. All the seats in medical, dental and allied health sciences are filled. However, the courses in Biotechnology and Public Health are not attracting students, mainly due to low employment trends and saturation level at present.
- There is increase in the total strength over the years
- There is no/least/negligible drop out ratio.
- Enrollment of women is on the rise especially for UG (70%).
- Enrollment of women students is high in case of Nursing, Physiotherapy, Medical and Dental programmes i.e. all UG programmes. However, in case of PG studies women enrolment is 35%
- Significant number of students belonging to SC/ST/OBC minorities is getting enrolled.
- Around 75 – 80% students are from Maharashtra and rest from outside Maharashtra.
- Foreign University students enrolled themselves at CSM for Certificate in Social Development and Health to earn 15 credits, field experience, conduct camps and research work.



- In medical and dental sciences, majority of the UG students prefer to progress towards PG studies over the years. Hence they prepare for PG CET and do residents job. Majority of the PG students prefer academic cum professional consultancy services and 2-5% prefers to become entrepreneurs.
- There is no flow towards Ph D Enrollment. Majority of the Ph D registered candidates are from inservice sectors.

**The Number of students enrolled for the Academic Year 2015-16 is depicted below**

Programmes	RMC	RDC	CON	COPT	CSM	CBT
Under graduates	125	100	131	54	---	--
Post Graduates	63	17	18	09	06	04
<b>Total</b>	<b>188</b>	<b>117</b>	<b>149</b>	<b>63</b>	<b>06</b>	<b>04</b>

**5.2.2 What is the number and percentage of students who appeared/ qualified in examinations for Central/ State services, Defence, Civil Service etc?**

The total number of students who appeared for the qualifying exam from PIMS (DU) of College of Nursing is 120. TOEFEL: 09, Railway Exam: 02, Defense/ESIS: 04, DHS: 08 and DMER: 97 respectively

**5.2.3 Provide category-wise details regarding the number of post graduate dissertations, Ph D and D.sc theses submitted/accepted/rejected in the last four years.**

**Details of PG Dissertations submitted and accepted are given in the following table (Year wise and Institution wise)**

Sr No	College	Course	2011	2012	2013	2014	2015	2016
1	RMC	PG	23	26	43	42	46	45
2	RDC	PG	15	23	22	21	21	18
3	CON	PG	15	14	03	08	02	09
4	COPT	PG	08	13	14	13	13	11
5	CSM	PG	--	--	--	04	01	02

- At present all the PG students enrolled / study in PIMS (DU) are assigned the dissertation work and are subjected to clearance from Institutional Ethics Committee.
- So far, since 2011-12 till now 09 theses were submitted for the award of Ph.D. All of them were accepted and awarded Ph D (07-RMC, 01-Nursing and 01-Management)
- Currently 02 (01-RMC and 01-COPT) Ph D theses (synopsis) are submitted and are under consideration.

**5.2.4 What is the percentage of graduates under AYUSH programs employed in the following?AYUSH departments/Hospitals,Multinational companies, Health clubs, Spas, Yoga wellness centres, Yoga studios,Health clubs, Own Yoga cubes/studios?**

- Passed out three B.Sc Nursing students had special Yoga course and they are working in Diabetic and Hypertension clinic specially to teach the relaxation technique to patient in Australia.





- Nursing students are working in Johnson and Johnson Company, Mulund, Mumbai. Huntleigh Company which manufactures hospital equipments; NIMHANS institution two students and Hindustan petroleum one. Since 2008 passed out 2 students are working as Air Hostess.
- Around 5% students of BPT and MPT are also employed in the above mentioned agencies.

### 5.3 Student Participation and Activities

#### 5.3.1 List the range of sports, cultural and extracurricular activities available to students. Furnish the program calendar and provide details of students' participation.

PIMS (DU) has provided facilities for a range of sports and games as well as cultural activities. It has facilities for both outdoor as well as indoor sports and games. A vast sports ground of 7.5 acres been developed and maintained catering to the needs of (8X400 metre track events, field events jumping,throws games like cricket, foot ball, kabaddi and others). There are 2 basket ball courts as well as a tennis court (cement flooring). Each hostel block has been provided with multigym facilities/ fitness centre, table tennis, chess and carom games.

There is a Directorate of Sports headed by a qualified Director with provision of adequate budget facilities and assistance. This office develops and maintain all the facilities as well as provide logistic support for students participation,training cum coaching, selection of teams for interuniversity competitions, arranging inter departmental as well as inter institutional sports competitions annually under the aegis of an annual programme of PIMS (DU) called "PADMANJALI"

#### The programme Calender of Events and Participation of students at different levels is as follows

##### A) All India Basis

Sr. No.	Name of Event	Inter University Organizing University	Date of Inter University	Date of Inter-College	Organizing College
<b>2011-2012</b>					
1	Swimming and Diving (Men & Women)	University of Calcutta	10.10.2011	17.09.2011	CBT / SBM / CSM
2	Athletics (Men & Women)	Rajiv Gandhi University, Bangalore	17.12.2011	12.11.2011	C.O.N.
<b>2012-2013</b>					
1	Aquatics (M & W)	University of Culcutta, Kolkata	01.11.2012	02.09.2012	PIMS Sports cell
2	Athletics (M & W)	University of Kalyani, Kalyani	14.12.2012	27.10.2012	PIMS Sports cell
3	Yoga (M & W)	Saurashtra University, Rajkot	18.02.2012	30.12.2012	PIMS Sports cell
<b>2013-2014</b>					
1	Aquatics (M & W)	V.T.U. Belgum	10.10.2013	18.08.2013	PIMS Sports cell



2	Athletics (M & W)	Punjab University, Patiala	23.12.2013	12.10.2013	PIMS Sports cell
3	Yoga (M & W)	Kurukshetra University	17.02.2014	20.10.2013	PIMS Sports cell
<b>2014-2015</b>					
1	Aquatics (M & W)	V.T.U. Belgum	10.10.2013	18.08.2013	PIMS Sports cell
2	Athletics (M & W)	Punjab University, Patiala	23.12.2013	12.10.2013	PIMS Sports cell
3	Yoga (M & W)	Kurukshetra University	17.02.2014	20.10.2013	PIMS Sports cell
<b>2015-2016</b>					
1	Aquatics (M&W)	Punjab, Chandigarh	20.09.2015	09.08.2015	PIMS Sports cell
2	Athletics (M&W)	Punjabi, Patiala	29.11.2015	10.10.2015	PIMS Sports cell
3	Yoga (M & W)	Ch. Ranbir Singh, Jind	22.11.2015	03.10.2015	PIMS Sports cell

**B) Games on five zone Basis**

Sr. No.	Name of Event	West Zone Organizing University	All India Inter University	Date of All India Inter University	Date of Inter-College	Organizing College
<b>2011-2012</b>						
1	Football (Men)	Bhopal	P.T.U. Jalandhar	15.10.2011	27.08.2011	Sports cell
2	Tennis (Women)	Mumbai University	K.I.I.T. Bhuwaneshwar	20.11.2011	24.09.2011	R.D.C.
3	Volleyball (Men)	Dr. H.S.G.. Sagar	Dr. H.S.G. Sagar	10.02.2012	05.11.2011	C.O.N.
4	Basketball (Women)	Banasthali	Kurukshetra	07.11.2011	10.09.2011	C.O.P.T.
5	Chess (Men & Women)		V.I.T. Vellore	27.11.2011	01.10.2011	R.D.C.
6	Basketball (Men)	Rajasthan University, Jaipur	Rajasthan University, Jaipur	26.01.2012	26.11.2011	C.O.P.T.
7	Badminton (Men & Women)	M.L.S. Udaipur	M.L.S. Udaipur	28.01.2012	03.12.2011	R.M.C.
8	Table Tennis (Men & Women)	R.T.M. Nagpur	R.T.M. Nagpur	02.01.2012 09.01.2012	10.12.2011	R.M.C.
9	Tennis (Men)	Mumbai University	Manipal University	30.11.2011	29.10.2011	R.D.C.
10	Cricket (Men)	Barkatullah University	B.H.U. Varanasi	10.12.2011	08.10.2011	R.M.C.
<b>2012-2013</b>						
1	Football (Men)	Jiwaji Unive. Gwalior	Burdwan Unive. Burdwan	20.11.2012	09.09.2012	RMC
2	Tennis (Women)	Banasthali University	NIT Warangal	07.12.2012	03.11.2012	COBT
3	Volleyball (Men)	J.N.V. Jodhpur	S.R.M. Univer. Kattankulthur	11.02.2013	16.12.2012	CON
4	Basketball (Women)	L.N.U.P.E. Gwalior	KIIT, Bhubaneshwar	26.11.2012	22.09.2012	RDC



5	Chess (M & W)	Dr. H.S. Gour Uni. Sagar	Dr. H.S. Gour Uni. Sagar	17.10.2012	16.09.2012	COPT
6	Basketball (Men)	S.P. Uni. Vallabhvidya nagar	C.S.J.M. Univer. Kanpur	27.10.2012	15.09.2012	RDC
7	Badminton (M & W)	Jiwaji Univer. Gwalior	M.D. University Rohatak	12.10.2012	26.08.2012	RMC
8	Table Tennis (M & W)	M.S. University Baroda	Jamia Milla Islamia New Delhi	24.01.2013	14.10.2012	COPT
9	Tennis (Men)	University of Mumbai	N.I.T. Jalandhar	25.01.2013	10.11.2012	COBT
10	Cricket (Men)	M.S. University Baroda	Manipal University Manipal	05.11.2012	25.08.2012	RDC
<b>2013-2014</b>						
1	Football (Men)	INIPE, Gwalior	INIPE, Gwalior	12.11.2014	13.09.2014	RMC
2	Tennis (Women)	Vacant	Amity Noida	14.01.2015	06.12.2014	COBT
3	Volleyball (Men)	M.L. Sukhadia, Udaipur	Kurukshetra University ,	03.11.2014	27.09.2014	CON
4	Basketball (Women)	Banasthali Rajasthan	Banasthali Rajasthan	11.11.2014	04.10.2014	RDC
5	Chess (M & W)	Swarnim University, Gandhinagar	Amity, Noida	11.11.2014	23.08.2014	COPT
6	Basketball (Men)	Bharati Vidyapeeth, Pune	Satyabhama, Chennai	21.01.2015	05.10.2014	RDC
7	Badminton (M & W)	Rajiv Gandhi University, Bhopal	Bharathiar, Coimbtore	09.12.2014	01.11.2014	RMC
8	Table Tennis (M & W)	JRN Rajasthan Vidyapeeth, Udaipur	SRM, Chennai	08.10.2014	06.09.2013	COPT
9	Tennis (Men)	Vacant	SRM, Chennai	17.02.2015	06.12.2014	COBT
10	Cricket (Men)	Barkatullah, Bhopal	VBS Purvanchal, Jaunpur	07.11.2014	20.09.2014	RDC
<b>2014-2015</b>						
1	Football (Men)	INIPE, Gwalior	INIPE, Gwalior	12.11.2014	13.09.2014	RMC
2	Tennis (Women)	Vacant	Amity Noida	14.01.2015	06.12.2014	COBT
3	Volleyball (Men)	M.L. Sukhadia, Udaipur	Kurukshetra University ,	03.11.2014	27.09.2014	CON
4	Basketball (Women)	Banasthali Rajasthan	Banasthali Rajasthan	11.11.2014	04.10.2014	RDC



5	Chess (M & W)	Swarnim University, Gandhinagar	Amity, Noida	11.11.2014	23.08.2014	COPT
6	Basketball (Men)	Bharati Vidyapeeth, Pune	Satyabhama, Chennai	21.01.2015	05.10.2014	RDC
7	Badminton (M & W)	Rajiv Gandhi University, Bhopal	Bharathiar, Coimbtore	09.12.2014	01.11.2014	RMC
8	Table Tennis (M & W)	JRN Rajasthan Vidyapeeth, Udaipur	SRM, Chennai	08.10.2014	06.09.2013	COPT
9	Tennis (Men)	Vacant	SRM, Chennai	17.02.2015	06.12.2014	COBT
10	Cricket (Men)	Barkatullah, Bhopal	VBS Purvanchal, Jaunpur	07.11.2014	20.09.2014	RDC
<b>2015-2016</b>						
1	Football (Men)	University of Rajasthan, Jaipur	Amity, Noida	08.02.2016	17.10.2015	Sports cell
2	Tennis (Women)	The IIS Univ, Jaipur	KIIT, Bhubaneshwar	19.01.2016	28.11.2015	Sports cell
3	Volleyball (Men)	TIT RGPV Bhopal	Tripura Univ, Agartala	03.11.2015	12.09.2015	Sports cell
4	Basketball (Men)	Mumbai University	Univ of Mumbai	04.01.2016	31.10.2015	Sports cell
5	Chess (M & W)	Dr. B.A.M. U. Aurangabad	TM, Bhagalpur	01.11.2015	13.09.2015	Sports cell
6	Basketball (Women)	University of Rajasthan	Jamia Hamdard, New Delhi	10.11.2015	06.09.2015	Sports cell
7	Badminton (M & W)	L.N.I.P. Gwalior	LNPIE, Gwalior	17.10.2015	29.08.2015	Sports cell
8	Table Tennis (M & W)	TIT RGPV Bhopal	TIT, RGPV, Bhopal	01.10.2015	05.09.2015	Sports cell
9	Tennis (Men)	Devi Ahilya University Indore	Devi Ahilya, Indore	01.02.2016	28.11.2015	Sports cell

**C) Events of PIMS (DU) Sports cell**

Sr. No	Name of Event	Date	Venue
<b>2011-2012</b>			
1	Meeting of Coordinators	26.07.2011	Sports cell
2	Meeting of Coordinators	08.10.2011	Sports cell
3	Meeting of Coordinators	07.01.2012	Sports cell
4	Padmanjali	January, 2012	
5	Fun Run for Health	05.02.2012	PIMS Ground
6	University Sports Day	February, 2012	
7	Meeting of Coordinators	07.04.2012	Sports cell
<b>2012-2013</b>			



1	Meeting of Coordinators	19.07.2012	Sports Cell
2	Meeting of Coordinators	06.10.2012	Sports Cell
3	Meeting of Coordinators	05.01.2013	Sports Cell
4	Padmanjali	January 2013	
5	Fun Run for Health	03.02.2013	PIMS Ground
6	University Sports Day	February 2013	
7	Meeting of Coordinators	06.04.2013	Sports Cell
<b>2013-2014</b>			
1	Meeting of Coordinators	10.08.2013	Sports Cell
2	Meeting of Coordinators	02.11.2013	Sports Cell
3	Meeting of Coordinators	04.01.2014	Sports Cell
4	Padmanjali	January 2014	
5	Fun Run for Health	02.02.2014	PIMS Ground
6	University Sports Day	February 2014	
7	Meeting of Coordinators	05.04.2014	Sports Cell
<b>2014-15</b>			
1	Meeting of Coordinators	09.08.2014	Sports Cell
2	Meeting of Coordinators	08.11.2014	Sports Cell
3	Meeting of Coordinators	10.01.2015	Sports Cell
4	Padmanjali	January 2015	
5	Fun Run for Health	08.02.2015	PIMS Ground
6	University Sports Day	February 2015	
7	Meeting of Coordinators	04.04.2015	Sports Cell
<b>2015-2016</b>			
1	Meeting of Coordinators	01.08.2015	Sports Cell
2	Meeting of Coordinators	07.11.2015	Sports Cell
3	Meeting of Coordinators	02.01.2016	Sports Cell
4	Padmanjali	January 2016	
5	Fun Run for Health	07.02.2016	PIMS Ground
6	University Sports Day	February 2016	
7	Meeting of Coordinators	09.04.2016	Sports Cell

**5.3.2 Give details of the achievements of students in co-curricular, extracurricular and cultural activities at different levels: University/State/Zonal/ National/International etc during the last four years.**

**No of students participated in Sports and Games and their activities**

Year	State/University Level
2012-2013	28
2013-2014	48
2014-2015	58
2015-2016	111

**Participation at National Level, Venue and Type of sports /Games  
All India Inter University Level Competition**

Year	Venue and Name of the Host University	No of students	Type of Sports/Games
2011- 12	Barkatulla University,Bhopal,Madhya Pradesh	16	Foot Ball
	University of Rajasthan Jaipur,Rajasthan	12	Basket Ball
	Barkatulla University,Bhopal,Madhya Pradesh	16	Cricket





<b>2012-13</b>	M.S University,Baroda,Gujarat	16	Cricket
	S.P University,WN Gujarat	12	Basket-Ball
<b>2013-14</b>	M.L Sukhadia Univesity,Udaipur,Rajasthan	16	Foot Ball
	University of Rajasthan Jaipur,Rajasthan	12	Basket Ball
	Rajasthan Tech University Kota	6+4	Badminton (M & F)
	Veer Narmada South Gujarat University Surat,Gujarat	5	Tennis (M)
	M.P. K Vidyapeeth Ravari.Maharashtra	5	Chess
<b>2014-15</b>	Barkatulla University,Bhopal,Madhya Pradesh	16	Cricket
	LNIPE Gwalior MP	15	Foot Ball
	Bharati Vidyapeeth,Pune	12	Basket Ball
	RGP University Bhopal, MP	5+4	Badminton (M & F)
	Swarmini Gujarat Sports University Gujarat	6	Chess
<b>2015-16</b>	Punjab University ,Chandigarh,Punjab	6	Aquatics
	BAM University,Aurnagabad,Maharahtra	4	Chess
	IIS University Jaipur, Rajasthan	4	Tennis
	University of Rajasthan, Jaipur, Rajasthan	10	Basket Ball (W)
	University of Rajasthan, Jaipur, Rajasthan	15	Foot Ball (M)
	RGP University, Bhopal	11	Volley Ball (M)
	H.S Gaur University Sagar,MP	13	Cricket (M)
	LNIPE Gwalior, MP	5+4	Badminton (M & F)
	DIMS Deemed University, Wardha, Maharashtra (Health Axon)	3	Tabel Tennis (M)
	DIMS Deemed University, Wardha, Maharashtra (Health Axon)	13	Cricket (M)
	DIMS Deemed University, Wardha, Maharashtra (Health Axon)	8	Volley Ball
	Sardar Patel University Vallab,Vidyanagar, Gujarat	32	Youth Festival

**Sports persons who have excelled themselves at All Level and received commendation (among the participants) are as follows**

Sr No	Name of the students	Game
1	Mr. Ganesh Deepak Antre	FootBall
2	Mr. Arjun Monohar Gode	FootBall
3	Mr. Satish Gorakshnath Dhamak	BasketBall
4	Mr. Sairam Tukaram Pathak	BasketBall
5	Mr. Sagar Gorakshnath Borkar	BasketBall
6	Mr. Abhishek Balasaheb Kashid	BasketBall
7	Mr. Arjun Monohar Gode	BasketBall
8	Mr. Arjun Monohar Gode	Cricket
9	Mr. Faran Patel	Cricket
10	Mr. Amol Choudhary	Cricket
11	Mr. Salman Shaikh	Cricket



12	Mr. Abhishek Balasaheb Kashid	Cricket
13	Mr P. B Turkare	Basket Ball
14	Mr Sajid Babu Shaikh	Badminton
15	Mr Tayyab Yusuf Sayeed	Chess
16	Mr S.V Rahane	Cricket
17	Mr V. A Patole	Cricket
18	Mr Krishna Magar	Volley Bal
19	Mr Rahul Dhawale	Volley Ball
20	Mr Videsh Game	Volley Ball
21	Mr Ankit Nibhe	Cricket
22	Mr Suhas Jadhav	Cricket
23	Mr Vishal Tanpure	Cricket

As already stated winners in sports, games and cultural competitions in annual meet “PADMANJALI” are awarded with trophies and prizes. Our students also take part in District Level sports competitions every year and have won number of prizes (I, II, III prizes) in athletics, throws, jumps, Kho-Kho. Our students have won prizes at the State Level Cultural Competitions in the events of poetry recitation, skit on health education, spot painting, flower decoration, poster exhibition, dance and personality tests.

**5.3.3 Does the insituition provide Incentives for students who participate in national / regional levels in sports and cultural events**

PIMS (DU) had made provisions to provide nutritional, financial and material incentives to students selected to participate in All India Level and State Level Competition.

**The incentives include the following**

- Travel and Daily Allowances, Nutritional and energy food supplements
- Tracksuits/Sports Dress/Blazers, Coaching Camps, Expert Guidance
- All the needed Sports Materials and Kit, Trophies,prizes,certificates
- Extra Caoching at College Level, Felicitaion during Annual Day “PADMANJALI”
- Awards/Prizes for students participating in sports.

**5.3.4 How does the institution involve and encourage its students to publish materials like catalogues, wall magazines, college magazine and other material? List the major publications/materials brought out by the students during the last four academic sessions.**

Students of PIMS(DU) all are encouraged to undertake creative work-poetry writing, essay writing, story writing, anecdotes, photographs, painting, rangoli, poster making and report writing.

They are provided with the opportunity to showcase their talents during ceremonious functions, annual days, and rallies, street plays during camps. They are encouraged to publish them in their college magazines brought out every year as well as wall magazines.



The magazines are named appropriately to instill inspiration among the students.

Sr No	Name of College	Name of Magazine	Name of Wall magazines
1	Rural Medical College	PADMANAJALI	RMC Wall Magazine
2	Rural Dental College	PADMANAJALI	RDC Wall Magazine
3	College of Nursing	BHARARI	CON Wall Magazine
4	College of Physiotherapy	PADMANAJALI	“PHYSIO MIRROR”
5	Centre of Social Medicine	PADMANAJALI	CSM Wall Magazine
6	Centre Of Biotechnology	PADMANAJALI	CBT Wall Magazine

“PADMANAJALI” (Annual event for sports, culture and literature)

PIMS (DU) has a unique tradition of providing a platform to exhibit student’s talent and creativity in the fields of culture, music, dance, drama and fine arts. The parents, elites and invitees from the city, towns and city as well as faculty member and their family participate, encourage and appreciate the talents of students. PIMS (DU) has made adequate budget provision and provides all logistic support. Students do remember this event during their career and lifetime as nostalgia.

“INVENTUM” (An Annual National Level Scientific event for students) - PIMS (DU) has one more unique Annual Scientific event called “INVENTUM”

Students all over India are invited to present their view points, research ideas, and papers. Prizes are awarded for the best one. PIMS (DU) provides all necessary logistic support and budget. Directorate of Research and Students Council takes the lead in the organization of this event.

The students are also encouraged to undertake ICMR STS projects and to publish the research work in reputed referred journals as well present their papers in National and International level Seminars and Conferences. They have won several prizes these events (Details given in DERS).

Students of PIMS (DU) RMC, Ms. Ashwinee Rahalkar won best speaker prize at MEDIACE 2012, and Mr. Karen Abraham won best speaker award at ILLUMINATI 2014, and other students won best debate and best symposium prize at national conference held at Aurangabad.

**5.3.5 Does the Institution have a Students Council or any other similar body? Give details on its constitution, activities and funding.**

PIMS (DU) has a proactive Student Council. Each of the Constituent Colleges of PIMS (DU) have duly elected /nominated Student Council as per the norms and byelaws. They are reconstituted annually. The office bearers of student council and their members are given leadership in organising “Padmanajali”, ‘Inventum’. They are also proactive during all the celebrations, convocation etc (Foundation day, Founders’ Day, Independence Day, Republic Day, Teachers Day, Ganesh Chaturthi, Commemorative Days- Environment, Yoga, Doctor’s Day, Nurses Day, Physiotherapist day, Foundation Day and so on). They conduct quiz, debates, elocution, skit, role play, street play, health check up, campus, rallies. They are also involved in the preparation of college magazines and its publication.



**PIMS (DU), Students Council (2015-2016)**

Sr No	Name	Designation
1.	Dr. Suraiya Khan	President
2.	Mr. Kiran Kadu	Vice –President
3.	Mr. Lalit Kolse-Patil	Secretary
4.	Mr. Faraz Khan	Joint Secretary
5.	Dr. Kunal Aher	Executive President

**Functions:**

- Organization of Padmanjali, Inventum, College days, interdepartmental and interinstitutional competitions, proactiveness towards magazines, quiz competitions, organisation of guest lectures, workshops.
- Providing voluntary services and support to all the co-ordinator, co-curricular and extra activity of college of PIMS (DU).
- Each constituent college also has a student council to undertake student related co and extra curricular activities.

**5.3.6 Give details of various academic and administrative bodies that have student representatives in them. Also provide details of their activities.**

PIMS (DU) encourages the participation of students in academic and administrative bodies/committees constituted every year to provide the students support (academic, social, psychological, economical and so on).

Select students are nominated as members of these Committees. They are also co-opted or invited to meetings based on the agenda and need. Their suggestions and expectations are considered in all right earnestness to enhance student support and facilities. These Committees also aim at the overall holistic personality development of students.

Illustrations of Committees and their expected outcome (with student representative)

1. IQAC at College and University Level (Quality Assurance)
2. Antiragging Committee (Prevention of Ragging)
3. Parent Teacher Association Forum (Involvement of parents)
4. Alumni Forum (Liason, Linkage, Network)
5. Library Advisory Committee (Enhancement and judicious usage of learning resources)
6. Sports and Cultural Advisory Committee (Emphasis to extra curricular activities)
7. Hostel Advisory Committee (Home away from home feeling)
8. Women’s Cell and Committee for POSH (Vishaka Cell) (sensitisation, awareness, empowerment)
9. Students Welfare Committee (Social economic and psychological wellbeing)
10. Students Grievance Redressal Committee (Problem solving and overall satisfaction-general, academic, exam)
11. Student Welfare Committee (Over all development)
12. Committee for organization of “PADMANJALI”, “INVENTUM”, Foundation Day, Convocation (creativity, leadership co-operation)
13. Committees related to extension and outreach activities (ISR, National Development, Integration, Service and Emphasis)



14. Committees related to Resource and Development (creativity and thinking)
15. Committees for the organisation of SEP/FEP/FDP (Seminars, symposium, workshop, guest lectures etc)

**Strategies, processes and outcome**

- Periodic meetings, recording of minutes and proceedings
- Preparation of action plan and implementation
- Periodic review of students support, progressions and activities.
- Mid term corrections and improvements
- Accountability , transparency and trusteeship
- Win-Win situation and live and let live concept and practice, emphasis to prevention rather than post control mechanisms.
- Preparation for crisis management.
- Emergence of functional leadership and responsibilities.
- Enhancement of social networking, faith and mutual respect.
- Over all Quality Assurance in all spheres - Curriculum, Delivery, Transaction, Evaluation, Results, Research, ISR, Collabrations, Linkages, Patents, Personality Development, Discipline, Dedication and Commitment, Selfless Service and Empathy
- Address the issues of good citizenship, culture, heritage and patriotism.
- Self help, “**Earn while learn Scheme**” for the students, help for deserving, care and share qualities
- Inclusive practices, concern for downtrodden and marginalised sections of society for their upliftment and improving quality of life.





Criterion - VI

# Governance, Leadership and Management



**Pravara Institute of Medical Sciences  
(Deemed University)**







**CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT**

**6.1 Institutional Vision and Leadership**

The governance, leadership and management of PIMS-DU are as per regulations governing deemed to be universities, notified by the UGC from time to time (UGC institution deemed to be universities regulations 2010/2016).

**6.1.1 State the vision and the mission of the institution.**

**Vision:**

- To emerge as university of excellence, in continuous pursuit of Quality, by providing globally competent higher education, especially in the field of medical and allied health science and to evolve accordingly to the changing needs of time with the focus to serve the rural society.

**Mission:**

- To promote, value based education and research driven health care
- To promote and facilitate development and empowerment of human resources
- To facilitate the provision of health professional education , training, research and extension activities, in primary, secondary and tertiary health care, that ensures responsiveness to the needs of the society
- To serve the rural people, especially, the poor and the down trodden, irrespective of their caste, creed, race and religion

**6.1.2 Does the mission statement define the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, the institution's tradition and value orientations, its vision for the future, etc.?**

**Yes,** The vision and mission of PIMS-DU clearly defines its distinctive characters in terms of quality health professional education, research, extension, outreach activities as well as tertiary multi-specilty health care system and processes.

The distinctive characters of institution to realize the vision and mission are clearly spelt out in goals and objectives of the institution, addressing the needs of all the stake holders. They are as follows:

**GOAL & OBJECTIVES of PIMS-DU:**

The objectives for which 'the University' is established are:

- 1) To Promote and provide
  - i) Instruction, Knowledge, Education, Training and Research facilities of high order in the areas of study relevant to Medicine, Health and Allied Sciences, Humanities, Science, Arts, Commerce, Engineering, Pharmacy, Management, Education etc and its inter-disciplinary areas as per its current status and such other manner as may develop in future.
  - ii) Facilities to develop Entrepreneurship and Human Resource required in the Health care, Health Management, Biosciences, Biotechnology, Humanities, Science, Arts, Commerce, Engineering, Pharmacy, Management, Education etc and its interdisciplinary



- related areas through formal or distance education with the prior approval of the UGC / Government of India.
- iii) Appropriate, Innovative, Need Based Programmes of teaching and learning which shall be, student centred, problem-based, community oriented in under graduate, post graduate and doctoral levels so as to set a high standard of Medical, Health, Allied Sciences, Humanities, Science, Arts, Commerce, Engineering, Pharmacy, Management, Education etc. and its interdisciplinary related areas with the prior approval of the UGC/Government of India.
  - iv) Research relevant to current and emerging fields of Medicine, Health and Allied Sciences, Humanities, Science, Arts, Commerce, Engineering Pharmacy, Management, Education and its interdisciplinary related areas.
  - v) Opportunities for the integration of formal and non formal learning with practical experience in medical and health sciences with other areas of human development, such as Humanities, Science, Arts, Commerce, Engineering, Pharmacy, Management, Education etc. and its interdisciplinary related areas.
  - vi) Programmes of extension work in the fields of Medicine, Human Health Sciences and Allied Sciences, Humanities, Science, Arts, Commerce, Engineering, Pharmacy, Management, Education etc. and their interdisciplinary areas to achieve the overall human development, within the country and abroad.
  - vii) Opportunities to facilitate collaborations, networking with International and National level Universities / Institutes / Organizations / Foundations for promotion, advancement and sharing of academic and research knowledge and activities in Medicine, Health, Allied Sciences, Humanities, Science, Arts, Commerce, Engineering, Pharmacy, Management, Education and their interdisciplinary areas for development of mankind in India and abroad.
  - viii) All possible arrangements for national and global participation in the fields of Medicine, Health Management and Allied Sciences, Humanities, Science, Arts, Commerce, Engineering, Pharmacy, Management, Education etc. and their interdisciplinary areas.
2. To function as a Global level learning resource center in the fields of medicine, health, management and allied sciences
  3. To serve and work towards improvement and development of rural life and the general population
  4. To accomplish the mission and vision enunciated by the founders of the "Pravara Medical Trust, Loni"
  5. To do all such other acts and things as may be necessary or desirable to further the objects of 'the University'.
  6. To undertake all such activities as may be incidental and necessary or conducive to the attainment of all or any of the objects of 'the University' referred to or implied above.





### **6.1.3** *How is the leadership involved in:*

#### ***Developing E-Governance strategies for the institution:***

- Formulation of planning and development of comprehensive IT policy with special reference to health professional education and tertiary multi-specialty health care radiating from the centre to the door steps of the community and individuals.
- Ensuring adequate budget provision, procurement and installation of relevant – contemporary hardware and software, appointment of qualified competent and IT professionals, creation of an IT cell, periodic trainings, updating, AMC, need based analysis, meta evaluation and upgradation strategies.
- Provision of servers, optic cable networks, LAN, WAN, Wi-Fi, internet, open and licence software at all levels, provisions of computers, peripherals, e-tools, databases
- IT strategies at all levels of governance, TLE, R-D and extension activities:
  - a) Online admission process, dynamic website with relevant current notifications, calendar of events, downloading and submitting the applications, preparation of merit list, counseling, admission list and documentation
  - b) Biometric attendance capturing and data evaluation, provision of online payment of fees
  - c) Digitalization and generation of student list, faculty list, salary statements, accounts, reports and proceedings, data learning resources, clinical data, diagnostic data of camps and outreach activities.
  - d) Paperless circulars, through group e-mails and SMS alerts, e-governance in accountings, data management and retrieval, tally programming
  - e) e-learning resources, e-reading material, LMS, info retrieval, e-data bases, ICT tool for learning, statistical packages, HIMS, EMR.
  - f) Procurement of computer based/ assisted diagnostics and therapeutic equipments and computer aided laboratories, auto analyzer, semi auto-analyzer, computer based modular OTs, Digital X-ray, latest MRI, CT Scan, USG, laproscopic, microscopic, computer aided surgeries
  - g) PACS system for showing radiology processing and reporting at any place
  - h) Functional medical informatics / biostatistics sections (HIMS, EMR, registration, info storage) for historical method of research and epidemiological studies.
  - i) Practice of telemedicine, digital based differential diagnosis in pathology and microbiology.
  - j) Community Radio programme – Hello Doctor, Namskar Doctor, as regular programmes
  - k) Certificate in ICT in rural development by CSM
  - l) e-connectivity of all PHCs, rural health centres, community health centres through computer-internet with PRH, a move towards paperless office, virtual hospital scenario to provide experts or specialist medical advice, follow-up; apps based ambulance service.
  - m) Result on website, SMS alert, authentication of degree certificate online



- n) Informative updated dynamic website giving in all latest information about admission, recruitment, current events, forthcoming events, contact address.
- o) Grievance redressal portals, digital feedback system

It is to be noted that these latest ICT/IT strategies, systems and process are in a rural backward area.

***Ensuring the organization's management system development, implementation and continuous improvement?***

- PIMS-DU's organization, its management and system development is totally as per the provision of UGC regulations governing the deemed universities, under section 3 of UGC Act, 1956. (UGC regulations 2010 and its amendments and now 2016).
- Constitution and reconstitution of statutory bodies/ committees, nomination of statutory officers, members to statutory bodies, recording of proceedings and their notifications/ circulars as per schedule /calendar, their submission as per norms.
- Subjecting itself for annual inspection by statutory bodies (MCI/ DCI/ INC/ UGC/ MHRD) and compliance of their requirements and observation
- Implementation of decisions/ directions/ suggestions through appropriate hierarchical decision making and follow-up processes
- Important statutory bodies in action are – BOM, AC, PMB, FC, BOS, BOE, selection committee, board of research, fee structure committee, ethics committee, anti-ragging committee, committee for the prevention of harassment, gender sensitization cell, anti-discrimination cell.
- Organogram showing decentralized decision making and implementation structure and function is in place; synchronized harmonious flow of information and decision is in place
- Consideration of number of committees (non-statutory but as per the norms to implements the decision and realize the goals and objectives of PIMS-DU)
- Continuous improvement is achieved through SWOC, meta evaluation, quality initiatives and sustenance measures, bench marking, goal setting and quality enhancement strategies;
- Proactive and vibrant IQAC ensures SWOC, AAA, financial audit, feedback analysis, prospective planning and continuous review mechanism by statutory bodies and non-statutory committees to ensure growth and development, leading towards excellence.
- In-service training programme, deputation to training outside the campus
- Annual performance appraisal mechanism for promotion.
- Preparation of annual reports and their submission to authorities.

***Interacting with its stakeholders:***

- Constant and continuous interaction with all stake holders through formal and informal mechanisms (Govt., Semi-Govt., NGOs, students, parents, patients, attendants, social representatives)
- Formal interaction through regular meetings of BOM, AC, BOS, BOE, PMB, FC etc. at university level.



- Formal meetings with statutory committees – MCI, DCI, INC, UGC, MHRD, central and state governments, NGOs, SGOs.
- Formal meetings with students, alumni, parents, societal representatives and patients.
- Informal interaction strategies include the participation and involvement of stake holders in all the activities/ celebrations of PIMS-DU like foundation day, national commemorative day, festivals etc.
- Well-defined feedback analysis mechanism and action taken based on its analysis.
- Analysis of observations, comments, suggestion (oral/ suggestion box) news paper reports, grievance redressal cells and proceedings, reports of the students welfares, officers, rectors, principals, HODs and teachers/ doctors, paramedical and administrative staff
- Participation of stake holders as nominated members, invitees, observers and co-opted members of statutory and non-statutory committees
- Net-workings of professional bodies and their local chapters, (IMA, IDA, INA, etc.) and of SGOs and NGOs.
- Availability of suggestion boxes, observation cum complaint registers
- Invitation to parents alumni, societal members to all programmes and functions
- Regular monthly meetings – Academic, Admin, Finance, Students activities, QAC,
- Press notification

Interaction with all the stake holders has helped in fine-tuning of goals and objectives and planning, its implementation, formulation of new policies, inclusive practices, democratic decentralized steps and quest for excellence with a motto of service and sustainable development of one of all.

#### ***Reinforcing a culture of excellence:***

- Culture of “excellence” has been reinforced through three step mechanism, namely “Identification – Institutionalization – Internalization”
- Concept and practice of TQM & Quality Circles (PDCA, SWOC, AAA, Audit), “Certification, Accreditation and Recognition” by all statutory and non-statutory organizations
- Preparation towards NABL, NAAC & ISO certification.
- Emphasis to individual, team, community, network, perspectives and policies of national/ state government.
- Compliance to the declaration of UNO (WHO, UNESCO) and professional organization
- Importance to human rights, dignity of labour, co-operation, decentralized leadership & accountability, steps to meet the challenges and realize the vision and mission, to move towards global excellence in education & health care.
- **PIMS-DU was nominated by “Lokmat Group” in 2014 for Education Leadership.**
- **Its also received national level institutional award from president of India.**



***Identifying organizational needs and striving to fulfill them?***

- Need based assessment of physical infra, leadership human resource, clinical resource and recruitment of HR as per requirement of MCI/ DCI/ INC, professional bodies, government and stake holders.
- Fulfilling the needs through planning, budgeting, execution, review of performance on monthly and annual basis.
- Day to day needs are meet through formal suggestions, request, informal grievance redressal

***6.1.4 Were any of the top leadership positions of the institution vacant for more than a year? If so, state the reasons.***

**No.**

***6.1.5 Does the institution ensure that all positions in its various statutory bodies are filled and meetings conducted regularly?***

**Yes,** PIMS-DU has ensured that all statutory positions are filled and meetings of all statutory bodies are held as per the provision of “UGC regulation governing deemed universities”.

***6.1.6 Does the institution promote a culture of participative management? If yes, indicate the levels of participative management.***

**Yes,** PIMS-DU has ensured the promotion of participative management.

**Level of participating management & nature of involvement:**

- Statutory body membership, their constitution, their regular meetings (agenda, deliberation, proceeding & their implementation)
- Membership in non-statutory bodies/ committees/ cells.
- Involvement in all statutory and non-statutory officers, nominees of government and management, teachers, parents, students, alumni, and other stake holders of society.
- Regular meeting of staff councils at college and department level; involvement of all teachers and representatives of students and officers.
- Involvement of stake holders in policy formulation, implementation, grievance redressal, group discussions, consultancy sessions and all types of interactions (formal or informal)
- Involvement of all stake holders as member, observer, invitees.

Participation, visibility and accountability as well as transparency is evident from resolutions and proceedings of meetings, action taken report, compliance report, review report, AAA report, audit report, reports of inspections of MCI/ INC/ DCI/ UGC



**6.1.7** *Give details of the academic and administrative leadership provided by the university to its affiliated colleges / constituent units and the support and encouragement given to them to become autonomous.*

There is no provision in the UGC regulations governing deemed universities for granting autonomy to its Constituent Units or have affiliated colleges.

However PIMS-DU provides academic administrative autonomy within the preview of “Regulation” through decentralized democratic administration and participatory management. It is evident through the appointment of Principals, Deans, Vice-Principals, chairman BOS/BOE, well defined hierarchy in decision making, provision of adequate budget, infrastructure, HR and all logistic support. Academic autonomy is always encouraged towards proactive research policy & for pedagogic innovations, student support, extension, outreach, collaboration and linkages.

The organogram, with well defined, functions at each level ensures autonomy towards academic administration, has been displayed at strategic locations.

**6.1.8** *Have any provisions been incorporated / introduced in the University Act and Statutes to provide for conferment of degrees by autonomous colleges?*

No – there is no provision for such a policy in UGC regulations governing deemed universities.

**6.1.9** *How does the institution groom leadership at various levels? Give details.*

There is equal opportunity for all stake holders to move in the ladder of hierarchy towards statutory leadership, functional leadership and situational leadership.

**I Level:** All the staff members are nominated as members of staff councils of the their department and colleges. The staff members are also nominated to various statutory and non-statutory bodies and committees of colleges.

**II Level:** Nomination as HODs of the department/ centre, nomination as Principal/ Vice-Principal/ Dean and Directors at college level.

**III Level:** Nomination to statutory bodies as chairman / members of BOM, AC, BOS, BOE, FC, PMB, Research Board. Nomination to university level committees (Statutory, Non-statutory), administrative posts at PIMS-DU. Nomination to the statutory positions - Registrar, COE, Director Research, IQAC coordinator at PIMS-DU and also the opportunity become VC of the university.

PIMS-DU organizes motivational and inspirational lectures by experts and learned scholars from time to time to initiate leadership qualities. Sessions on success stories, role models, case studies also help in talent search, innovating leadership and facilitation to claim the ladder of leadership board at PIMS-DU and elsewhere.

Award, reward, certification commendation, incentives for good work and elevation to higher level is a best practice of PIMS-DU.





**6.1.10 Has the institution evolved a knowledge management strategy which encompasses the following aspects such as access to –**

***Information Technology:***

- Well defined IT policy and action plan, provision of budget, procurement of all relevant hardware and software, recruitment of HR for IT and their periodic training; constant and continuous upgradation of hardware and software.
- Proactive and vibrant IT cell managed by qualified and trained personnel, establishment of computer centre, digital library centre, installation and maintenance of servers, optic fibre connectivity and internet Wi-Fi, LAN, WAN, IT security, data storage and retrieval and e-connectivity with rural health centres.
- All the needed facilities for ICT enabled teaching are provided (LCD, computer) Details of IT are given at 4.4 of SSR.

***National Knowledge Network (NKN),***

MHRD-GOI has sanctioned NKN connectivity to PIMS-DU. The BSNL being the service provider has conducted the survey regarding its execution on PIMS-DU campus. The esteemed load is 100 MBPS. BSNL has promised to complete this task at the earliest on priority.

***Data Bank,***

- Digital library and data bases (details provided at 4.3 and 4.4 of SSR) OPAC, digitization of library data, transactions.
- Elsevier learning resources and management system
- HIMS/ EMR done by the department of Biostatistics and Medical Informatics
- PACS made available at all clinical departments of PRH and the facility for data storage and retrieval.

***Other open access resources along with effective intranet facilities with unrestricted access to learners. If yes, give details.***

- Provision of internet facilities and Wi-Fi LAN/WAN connectivity
- Access to subscribe as well as open access database and research at digital library and personnel computing facility
- Details of open access data bases and subscribed data bases are given at 4.3 & 4.4 of SSR.

**6.1.11 How are the following values reflected in the functioning of the institution?**

***Contributing to National development***

- Knowledge dissemination, education and training at UG, PG and doctoral level leading to health profession and care (details given at Criterion I and II)



- Knowledge creation, innovation knowledge evaluation and application through research (fundamental, applied clinical material, action research, field studies and survey) (details given at Criterion III)
- Collaboration and linkage in all activities of PIMS-DU. (details given at Criterion III)
- Action and result oriented extension and outreach activities (details at Criterion III) serving rural people
- Health Care of Community leading to sustainable and integrated rural development and health care through PHC, rural health centres, and barefoot doctors.
- Provision of multi-specialty tertiary health care teaching hospital and centre – Pravara Rural Hospital in a rural backward area.
- Pravara Loni model of PURA appreciated by Pandit Jawaharlal Nehru and Dr. APJ Abdul Kalam, worthy of emulation by others.
- Involvement in all national health and education missions
- So far PIMS-DU has trained and created qualified dedicated human resources from 2007-2016.
- Doctors PG 243, Doctor UG 797, Dentist PG 148, Dentist UG 507, Nurses UG 341, Nurses PG 131, Physiotherapy UG 228, Physiotherapy PG 90, Social medicine 05, Biotechnologists 169, Para-medical scientist and doctorate degree holders (11).

#### ***Fostering global competencies among students***

PIMS-DU, through its Constituent Units ensures the fostering of global competencies among its students through updated curricular transactions, pedagogic innovations and proactive research with emphasis on creativity and ideology. The competencies developed are as follows:

- Learn–unlearn–relearn strategies, advanced updated knowledge base and professional skills
- Patient centred care and evidence based practice, integrated approach for personal private and public health
- Usage of new/ relevant – technology, ICT and medical/ bio informatics
- Interdisciplinary holistic integrated approach in learning, research, health care, and outreach activities
- Research skill, methodology and analysis and interpretation
- Team work, leadership, co-operation in all spheres
- To innovate and adopt/ best practices, spirit of enquiry
- Horizontal and vertical integration in teaching, learning and research
- Concept and practice of rights, duties and responsibilities
- Multifunctional – multitasking ability, hold on international link language
- Understanding of culture heritage, custom and traditions of a given place/ area.
- Adjustability, adoptability and commitment, time management, art of listening, inter personnel relationships, professional obligation, medical bio-ethics



### *Inculcating a sound value system among students*

- Befitting to the ethos & motto of PMT, PIMS-DU has made all round effort to inculcate a sound value system among students.
- Inculcation of the moral, social and ethical values – self less service, dignity of labour, duty consciousness, importance of time, self and mutual respect, simple living, respecting elders, children, women and others, live and let live concept, care and share,
- Inculcation of values of patriotism, universal, brotherhood, tolerance, stress and, crisis management, Inculcation of values on environment and conservation
- The strategies to inculcate these values include motivational/ inspirational lectures, participation in campus, workshops, adoption of families, celebration of important commemorative days, swearing of Oaths and pledges, peers/ mentor interventional addresses, case study presentation and so on. Celebration of **“Padmanjali and Foundation Day”** an annual event involving all the students and stake holders, celebration of cultural festivals, visit to orphanages, old age homes, and special schools are also some of the strategies adopted.

### *Promoting use of technology*

- Pravara Loni model of “PURA” – realization of the dream of visionary leader (details given earlier)
- IT policy, action plan, procurement and installation of relevant hardware and software, internet Wi-Fi connectivity
- Usage of IT in teaching – learning evaluation; clinical practice, health care, research statistical packages for analysis, e-learning resources, databases, e-learning, webinars.
- ICT in rural health care – connecting all rural health centres with PRH, telemedicine, apps based ambulance service
- e-based hospital service and support facility – therapeutics and diagnostics/ rehabilitation.
- HMS, EMR, PACS at hospital; computer – digital technology based instrumentation
- Usage of latest gadgets for electrical, electronic & biomedical instrumentation, civil maintenance, wastewater treatment, RO system, power back-up.
- Train human resource to provide and maintain IT as a dedicated centre

### *Quest for excellence*

- Latest approval of statutory bodies – regular periodic, inspections, visit of experts, reporting and compliance.
- NAAC accreditation, preparation for NABL accreditation
- AAA (Internal and external) reviews, SWOC & vision document
- Proactive and functional IQAC, involvement of all stake holders, concept and practice of bench marking, goal setting, role modeling
- Adherence to systems and process as per rules and regulations, practice of quality parameters, SWOC, AAA, PDCA, feedback analysis
- Arming at all round development of individuals
- Focus on international and national collaborations



- Meaningful extension and outreach activities as ISR
- Realization of the vision and mission of PIMS-DU as per vision document

**6.1.12 Has the institution been indicted / given any adverse reports by National Regulatory bodies? If so, provide details. No**

**6.1.13 What are the projected budgetary provisions towards teaching, health care services, research, faculty development, etc.?**

**Projected Budget For 2016-17 (Approximate)**

	<b>Projected Expenses</b>	<b>Rs. In Lakh</b>
<b>A</b>	<b>Recurring Expenses</b>	
1	Salary of Faculty & Staff	5155
2	Academic And Educational Expenses	1000
3	Research Related Expenses	1000
4	Student Related Expenses	70
5	Administrative Expenses	800
6	Maintenance	750
7	Establishment	150
8	Expenses on Rent & Taxes on Properties	1050
9	Staff Welfare	55
10	Loss on Assets	00
11	Depreciation	1000
12	Miscellaneous & Any Other Expenditure	00
	<b>Total of A</b>	<b>10500</b>
<b>B</b>	<b>Non Recurring Expenditure</b>	
1	Furniture & Fixture	50
2	Library Resource	260
3	Instrument & Equipment	600
4	IT & Electronics	55
5	Office Equipment	06
6	Landscaping	50
7	Solar Systems, AC, TV & Other	34
8	For Vehicles	35
	<b>Total of B</b>	<b>1100</b>
	Income Generation mainly from tution and other fees	8500
	<b>Surplus or Deficit</b>	Deficit



## **6.2 Strategy Development and Deployment**

### **6.2.1 Does the institution have a perspective plan for development? If yes, what aspects of the following are considered in the development of policies and strategies?**

#### **\* Vision and mission**

The vision, mission, goal and objectives of PIMS-DU since the inception are published for the benefit of all stake holders. The vision 2025 document gives new pathways of the roads ahead towards excellence to be achieved by 2025.

#### **\* Teaching and learning**

- Pedagogic innovations – EBL, PBL, CAL, CBL, e-LMS, micro-teaching and journal club for PGs, group discussion (small and medium), integrated teaching
- Thrust and priority to learner centric approaches – seminars, assignments, case based learning, community based learning, self directed learning.
- Concept and practice of learn –unlearn and relearn – continuous learning strategies and approaches
- Concept and practice of integrated holistic approaches, interdisciplinary – trans disciplinary approaches
- Early clinical exposure, components of environment, bioethics, biostatistics

#### **\* Research and development**

- Induction of students into research at UG level
- Proactive research policy, provision of state of the art research facilities, collaboration and linkage, provision for awards, rewards & incentives
- To encourage, funded – sponsored research projects and to ensure institutional research funds
- Strengthening of peer reviewed research journals at each institution or dedicating one issue for each of the faculties – medical/ dental/ nursing/ physiotherapy/ allied health sciences.
- Strengthening of IPR cell; promoting the patent generation and filing approaches

#### **\* Community engagement / outreach activities**

- Enhance the number of multi diagnostic screening camps and referral systems
- Adoption of villages, schools, special schools, families
- Strengthening of arogya bank, arogya mitra, community health centres, e-health centres, bare foot doctors, PHCs and community education in all departments
- To enhance training workshops for community health workers/ PHC doctors, personnel of national health missions
- Strengthening the concept of PURA Loni model
- Enhancing health insurance coverage





**\* Human resource planning and development**

- PIMS-DU, located in a rural set-up aims at strengthening its human resource planning and development policy in order to attract talented qualified service oriented HR. Its policy includes incentives, residential accommodation, provision of education to children of employees (KG to degree), provision of basic amenities (water, electricity, power back-up), security and maintenance.
- Proactive continuing education units, at all the colleges, deputations of staff for seminar and conferences, research incentives on ODD with incentives
- Motivational strategies for proactive HR and promotional avenues, self & peer appraisal

**\* Industry interaction**

- To enhance collaborative projects and clinical trials
- To enhance number of MOUs with industries
- To involve health based industries in collaborative research

**\* Internationalization**

- To strengthen existing MOUs, with international agencies
- To enhance faculty and student exchange
- To introduce twinning programmes, STTPs, STCs

**6.2.2 Describe the institution’s internal organizational structure (preferably through an organogram) and decision making processes and their effectiveness.**

↑ ↑	<b>Organogram of Pravara Institute of Medical Sciences (Deemed University)</b> And Decision making process	↑ ↑
	<b>Office of the Chancellor,</b> Vice Chancellor, Pro. Vice Chancellor	
	Board of Management (as per UGC Act)	
	<b>Statutory Committees / Council / Board</b>	
→	Academic Council (All academic aspects)	←
→	Planning and Monitoring Board (Policy and Planning)	←
→	Finance Committee (all accounts of PIMS-DU )	←
→	Board of Research (Research Policy. Promotion review and recommendations)	←
→	Board of Examinations (all exam related policies decision review)	←
→	Doctoral Committee/ Research Review	←
→	Board of Studies (all Academics as per syllabi, regulation)	←
→	Fee Structure Fixation Committee (Fee Fixation)	←
→	University Grievances Redressed Committee	←
→	University’s Women Harassment Redressal Committee and POSH	←
→	Other statutory Committee (Anti ragging and anti Discrimination)	←
→	<b>Statutory officer of the University</b>	
→	Registrar (Academic, Admission and overall responsibilities of records)	



→	Controller of Examinations (All exam related issues) Finance Officer (All Financial aspects) All statutory officers assisted by Deputy Registrar and Assistant Registrar and Office Staff. Other officers – Director, Deans, Principal, Legal Officer, Auditor, IQAC, Library	
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→	<b>Decision making process – Basis</b>	←
	<ul style="list-style-type: none"> <li>• Basis Directions from UGC, MHRD, MCI, DCI, AIPT, INC and other statutory bodies.</li> <li>• Guidelines of national and International bodies, parent trust, Board of Management, Academic Council and other bodies.</li> <li>• Initiatives of Trust and Deemed University</li> <li>• Reports on need based analysis, feedback, analysis, public opinion</li> <li>• Global and national prospective</li> <li>• Stake holder’s expectations, demands, grievance and natural justice.</li> </ul>	

→	<b>Mechanism (Formal and Informal Process)</b>	
	<ul style="list-style-type: none"> <li>• Proposals/ Items/ Draft/ Resolutions placed before specific statutory bodies, discussion – deliberation and resolutions.</li> <li>• Implementation of resolution through ordinance, executive orders, circulars, notifications and their circulation to stake holders, preparation of annual, calendar of events, action plan</li> <li>• Implementation of resolutions and decisions at university/ college/ department/ committee level.</li> <li>• Review and monitoring on implementation</li> <li>• Grievance Redressal if any</li> </ul>	

→	<b>Effectiveness</b>	
	<ul style="list-style-type: none"> <li>• Decentralized and democratic process, involvement of all stake holders</li> <li>• Involvement of all members of statutory bodies in decision making</li> <li>• Involvement of all statutory officers in decision making as well as implantation process in a timely and speedy way.</li> <li>• Transparency, accountability and integrity is ensured.</li> <li>• Scope for review (midterm and long term), monitoring and modification of decisions in case of need.</li> <li>• Scope for feedback, grievance redressal and legal remedies in case of need.</li> </ul>	

**System for Health Care Quality and Patient safety**

- Well defined systems and process, SOP’s manuals, evidence based medicine, emphasis to patient, consent, antibiotic policy, pharmaco vigilance, ADR centre
- Adherence to Bioethics, Morals, Medical Ethics, Oaths and pledges, Professional ethics.
- Assignment of duties, time frame, calendar, rotation or shift wise to medical/ clinical, paraclinical, nursing , technical and support staff.
- Constant and continuous supervision by higher authorities, surprise check and monitoring, CCTV Surveillance, Biometric attendance, MIS, ERP
- Availability of feedback and grievance redressal mechanism



- Regular review meetings arranged by Medical Superintendent/ RMO/ Deans/ Clinicians/ Nurses/ Technicians and proceedings ; review and comments by patients, attendants, media and representations from PRIs, GOs, SGO's and NGO's
- Annuals and periodic review by standing bodies and need for submission of comprehensive reports of compliance
- Functional Committees and their review mechanism (Tumour Board, Mortality Audit, Hospital Infection)
- Submission of data to government officers (Details of PRH given at 4.2 of SSR)

**6.2.3 Does the institution conduct regular meetings of its various Authorities and Statutory bodies? Provide details.**

Pravara Institute of Medical Sciences (Deemed University) arranges regular meetings of all statutory boards and council as per UGC Regulations. The details of number of meetings are given below

Bodies	2011-12	2012-13	2013-14	2014-15
Board of Management	05	02	03	02
Academic Council	03	01	02	01
Finance Committee	02	02	02	02
Board of Examinations	03	02	02	02
Board of Studies	14	10	13	16

- The dates of meetings their proceedings are available as document at the office of the Registrar.
- The meetings of Board of Studies of the subject are conducted regularly and annually at PIMS-DU. Once in 3-5 years, the major revision of curriculum is undertaken.
- All other Statutory and Non Statutory Committee meetings are also held regularly and their proceedings are recorded (Board of Research, Ethical Committee, Research, Review, Academic Administrative Committee, Women Cell, Grievance Redressal Cell)
- The composition of statutory bodies and their meetings dates are given in annuals report.

**6.2.4 Does the institution have a formal policy to ensure quality? How is it designed, driven, deployed and reviewed?**

Pravara Institute of Medical Sciences (Deemed University) has ensured number of quality initiatives, sustenance and enhancement, leading towards excellence. It's salient features are as follows:

- Constitution of IQAC and its regular meetings, submission of IQAR.
- Identification, Institutionalisation and Internationalisation of quality issues and initiatives
- Sensitization, awareness, training and involvement of stake holders
- Quality tools, methods, appraisal, 360<sup>0</sup> evaluation and meta evaluation, SWOC, AAA, PDCA, statistical analysis, feedback analysis its review mechanism, accreditation and certification.



- Identification of suitable bench mark and role models, setting of appropriate goals and strategy for implementation, vision document.
- Gap identification, global and national perspectives, institutional goals, objectives, vision and mission, time frame for implementation.
- Quality culture, initiatives and quest for excellence are driven through systematic action plan, calendar (time frame), involvement of qualified experienced committed stake holders, provision of budget and its implementation, followed by review mechanism.
- Exposure to constructive review and steps for continuous improvement
- Regular inspections by statutory bodies.

**6.2.5 Does the institution encourage its academic departments to function independently and autonomously and how does it ensure accountability?**

Academic autonomy along with accountability to teaching departments is ensured through following strategies.

- Board of Studies of a given subject is having powers to draft their syllabi, curricular transactions, methods and types of internal evaluation, usage of relevant pedagogy, learner centric approaches, unitization of syllabi, defining learning objectives and expected learning outcome, reference books, list of experiments, cases to be studied and to allot syllabi and distribution workload.
- The departments are empowered to orient and induct students to the subject, identify slow and fast learner, adopt suitable remedial or ameliorative measures, organization of tutorials, mentoring and ensure learner centric approaches- seminars, assignments, report, project work, cases studies, PBL, EBL, CAS, CBL etc.
- The departments are empowered to seek and get the required infrastructure and learning resource, ICT, instrumentation and facilities.
- Empowered to conduct FDP's, SDP's, beyond curriculum scholarly activities, organize seminar, symposium, workshop, conference, STC, STTP, certificate programs.
- Empowered to become members of professional bodies, undertake research, publish papers and became reviewers of journals and accept awards rewards and incentives.
- Accountability is ensured by fixing responsibility adherence to schedules of calendar, review mechanism, 360<sup>0</sup> appraisal and feedback analysis.
- Review by university and statutory bodies for performance and outcome.
- Practice of award, reward and incentives

**6.2.6 During the last four years, have there been any instances of court cases filed by and / or against the institution? What were the critical issues and verdicts of the courts on these issues? NO**



**6.2.7 How does the institution ensure that grievances/ complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder-relationship?**

- Grievance Redressal cells are constituted and are functional, proactive and vibrant.
- The aspects recording timetable, schedule, academic transactions, attendance, ragging extracurricular activities, nomination, support services, facilities, protection, security, sexual discrimination, harassment, intimidation threats, challenge evaluation, pattern and methodology of exams, hostels, food, basic amenities, learning and clinical resources, ICT, facilities, finance are covered.
- Formal and Internal mechanism for lodging complaints, suggestions, observations and need for justice and redressal of grievance.
- Mentor, mentee system, class teachers, HODs, Principals, statutory officers, act as first line of grievance redressal.
- Multi tier grievance redressal mechanism. Institution level and University level grievance redressal mechanism also exist
- Feedback mechanism suggestion box, observation book exists.
- These mechanisms have helped in enhancing the faith of stake holders.
- Statutory and Non-Statutory officers have fixed hours for visitor (stake holders) to discuss and solve the grievance.

**6.2.8 Does the institution have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?**

- There is a committee at PIMS-DU level to ensure student feedback and its analysis, based on structured questionnaires and analysis system. Digital method is employed. Feedback from students is taken once in six months. Any stake holder can give feedback online also.
- The outcome of feedback is utilized for improvement of system, process, improvement of infra, teaching, LR, ICT, hostels basic amenities, timings, time table, exam schedule and so on.
- Institution also follows a mechanism of award-reward, incentives for better performance as well counseling session for under performance (teachers)

**6.2.9 Does the institution conduct performance audit of the various departments?**

**Yes,** PIMS-DU conducts performance audit through the following.

- Monthly meetings at department, college and University level
- Review by national statutory and non statutory bodies and committees annually
- Conducts AAA (Internal and External) regularly





- Review by Board of Studies, Board of Examinations, Academic Council, Board of Management Board of Research on performance–teaching-research -extension - facilities service and resources.
- Mandatory financial audit (Internal and external) and submission of compliance report.
- Review by parent trust, social auditing by community, villagers and government.

**6.2.10 What mechanisms have been evolved by the institution to identify the developmental needs of its affiliated / constituent institutions?**

The systems at Pravara Institute of Medical Sciences (Deemed University) are as follows:

- Need based analysis, observations and report of inspector of Medical Council of India / Indian Nursing Council/ Dental Council of India and University Grants Commission.
- Review by Board of Management, Academic Council, Board of Studies, Board of Examinations, Staff Council, Board of Research, Ethical Committees, Grievances redressal committee.
- Reports by mentor, class teacher, HOD's coordinator of support service- facilities and committees.
- Observation by partners of collaboration and linkage.
- Review of annual reports vis-à-vis goals set and target fixed, IQAC's AQARS.
- Expectations of govt, statutory bodies, students, parents, alumni, social workers, PRIs, local and national leadership, global and local trends.

**6.2.11 Does the institution and hospital have their own updated websites? If so, is the information regarding faculty and their areas of specialization, days of availability, timings, consultation charges available on the website?**

Pravara Institute of Medical Sciences (Deemed University) has functional website giving all the information to stake holder. Each department, support cells, service cells are provided with a specific e mail for correspondence

**6.2.12 What are the feedback mechanisms and documentations to evaluate the outcomes of these exercises?**

- Feedback mechanism and its analysis (of all stake holders / students/ alumnai/parents/ peer) (formal – Informal) has been explained (at – 1.4, 2.3,3.1,3.6, 5.1,5.2,5.3,6.2.8 of SSR)
- Formal digital feedback from students; formal as well as informal feedback from alumnai parents, peers and experts are taken. Students feedback questionnaires as well for other stake holders is available on website also.
- Feedback analysis document and action taken reports are reviewed at periodic intervals by the specified committee and supported by IQAC.



### **6.3 Faculty Empowerment Strategies**

#### **6.3.1 What efforts have been made to enhance the professional development of teaching and non-teaching staff? What is the impact of Continuing Professional Development Programs in enhancing the competencies of the university faculty?**

Efforts of PIMS-DU to enhance professional development of teaching and non teaching staff are as follows.

- There is a functional Medical Education Technology unit of PIMS-DU as per MCI guidelines.
  - Each constituent unit has continuing education units (Dental /Nursing/ Physiotherapy/ Biotechnology/ Social Medicine)
  - There are teachers with FAIMER, FIME, fellows and teachers with advanced MET. PIMS-DU has provided all the necessary physical and ICT infrastructural facilities, LR, HR budget and support facilities.
  - The departments also organize/ seminars/ symposium/ workshop/ conferences various levels (national and International or regional or state level or institutional level).
  - IQAC conducts workshops on curriculum design, development, transaction, pedagogic, heutology, evaluation methods (OSPE/OSCE), students support services (mentoring, feedback, remedical, learner centraic)
  - The departmental also conduct FDP's and SDP's throughout the years, either alone or in collaboration with sister allied departments.
  - These units and departments plan academic and co academic activities – invited lectures, special guest lectures, theme based lectures, workshops, training and workshop sessions. Topics are usually of interdisciplinary / trans disciplinary nature.
  - Freshly recruited faculties are involved in micro technique sessions of PG's to train them in teaching and learning strategies. Directorate of Research conduct-sensitization strategies and research methodology workshop for recruits along with PGs.
  - The Biostatistics and medical informatics conduct problem solving based learning sessions.
  - The library and IT Cell conduct sessions on usages of ICT, e-learning , e-browsing, information retrieval.
  - Sessions on yoga, meditation, pranayama, physical fitness, stress management and physical mental welling are conducted by CPT, session with involvement of staff from Community Medicine/ Social Medicine and are held regularly. The Paramedical/ Medical/ Technical/ Nursing/ all are given training on handling of any new sophisticated therapeutic and diagnostic equipment that are purchase and installed by MNCs.
  - Non teaching staff are given periodic training on usage of ICT in governance, tally system, document – file transaction, accounting procedures and to on.
- These efforts of PIMS-DU has helped in the enhancement of competence, confidence and skills as well as motivation and commitment of staff towards selfless service availability and dedication.



(Details of MET, Bioinformatics and Medical Informatics are given as Evaluative Reports in Volume III and Efforts of Directive of Research and Centre for Social Medicine are explained at criteria III of SSR. List and data on seminars or workshops are given in criteria III) Details of FDPs are also included in Criterion and annual report of PIMS-DU.

**6.3.2 What is the outcome of the review of various appraisal methods used by the institution? List the important decisions.**

Important decisions of PIMS-DU on the outcome of appraisal and feedback mechanism are as follows.

- Promotion, Increments, incentives hike salary, so on
- Review of HR policy and IT policy, provision of all the needed support and services to staff and students for teaching – research- extension and clinical service.
- Selection of teachers for exchange programme under International Collaboration.
- Provision of awards, rewards, incentives to teachers and non teaching staff (on Independence Day, Foundation Day, Convocation and Padmanjali)
- Identification of Faculty members to be heads of Committee, forums, cells and involvement in academic and co academic activities – grooming of leadership.
- Enhancement in facilities and support service to faculty on campus and off campus.
- Strategies for retention of qualified faculty.
- Efforts to enhance pedagogic innovation research facilities, innovation and adopt best practice.
- Chancellor Rolling Trophy for best researcher (Annual)

**6.3.3 What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have benefitted from these schemes in the last four years? Give details.**

Welfare measures for staff at Pravara Institute of Medical Sciences (Deemed University)

Since Loni is a rural area, staff members are ensured of residential accommodation (details at 4.1 of SSR) with all basic amenities (water, electricity, security, power back up maintenance drainage 24 x7).

- Provision of Day Care Centre, Food Court, Garden, Lawns, Staff Club, Fitness centre, Sports facilities, Insurance, PF (as applicable)
- Provision for leaves- Casual leave, Earned Leave, Sick leave, Maternity leave, Sabbatical leave, on duty to attend seminars.
- Liaison with neighborhood Primary / Secondary/ PUC and Degree college (Art, Science, Engineering, Commerce, Architecture, Pharmacy, Agriculture, Ayurved etc.) to get admissions to the children of staff of PIMS-DU.



- Free medical – dental health care at Pravara Rural Hospital (OPD, IPD, ICU CCL, BB) for all the members of the family and staff.
- Financial incentives, awards, certificate (TA/DA, Cash Awards, Registration)
- Provision to provide employment to the spouses of the staff members for socioeconomic and development and family welfare.
- Uniform to Class IV and other select employees.
- Provision to get Bank / Society loans , financial advances
- Financial and other logistic help to the family member of a staff in case of death while in service – compassion and empathy.
- Provision of help desk in case of emergency situation.
- Involvement of family members in all the functions and ceremonies of PIMS-DU.
- Employees welfare fund and Group Insurance schemes, initiatives for indemnity insurance for staff.
- Extension of Health Insurance schemes

**6.3.4 *What are the measures taken by the institution for attracting and retaining eminent faculty?***

Eminent faculty members are attracted to join PIMS-DU through personal invitation for interviews with attractive salary packages, ensuring accommodation and other facilities. They are ensured of promotional avenues and incentives, may offer statutory position and heads of department/ cells, PG guidance, doctoral research guidance and facilities to undertake research, publications, and clinical trials are ensured. They are extended the provision of duty leave, registration fee and TA/DA to attend seminars in India and abroad. They are permitted to go as resource person in India and abroad on OOD. They are encouraged to get membership of professional bodies, open local chapters, organize national conference, accept the reviewership, editorship honor and fellowship. Autonomy is extended for pedagogy, research and extension activities. They are permitted to enhance and update their skills through STTPs and STCs or fellowships. Transparent grievance redressal mechanism, payment through e-banking, membership in statutory bodies, nominations to committees also help in retaining the eminent faculty. (other attractions include good school and college facilities, free medical care and mutually accepted terms)

**6.3.5 *Has the institution conducted a gender audit during the last four years? If yes, mention a few salient findings.***

Every year while preparing the annual report, gender audit is conducted to know the representation and enrollment of women at PIMS-DU

Student strength at PIMS-DU (overall for all courses at 6 colleges)



Year	Male	Female	Total	% of woman
2011-12	820	1094	1914	57.16
2012-13	862	1131	1993	57.75
2013-14	870	1140	2010	56.71
2014-15	891	1183	2074	57.03

Year	UG				PG			
	Male	Female	Total	% of woman	Male	Female	Total	% of woman
2011-12	551	840	1391	60.38	170	91	361	34.86
2012-13	576	876	1452	60.33	182	100	282	35.46
2013-14	559	916	1475	62.10	187	103	290	35.50
2014-15	563	942	1505	62.59	193	107	300	35.66

There is very good over all women student enrollment ratio (57%) during the last 5 years. In fact in UG studies, the enrollment of women is still higher (65+%) when compared to male.

However in case of PG studies, the parent enrollment of women is around 35%, clearly indicating that women are not progressing to higher education – PG studies. However in case of physiotherapy and nursing, female students out number male students in PG studies. The deficit is in medical & dental PG studies

Similarly there is fair representation of women faculty in all the 6 Constituent Units and PRH and very good representation for women in paramedical and support service.

Realizing the strength of women, PIMS-DU has taken proactive measures towards gender sensitization awareness and empowerment. Proactive women cell and committee for preventing harassment and grievance redressal, 24x7 security, CCTV surveillance and rectors have ensured security and safety of women and on the campus.

**6.3.6 Does the institution conduct any gender sensitization programs for its faculty?**

Yes, the woman cell and IQAC conduct gender sensitization programmes – lectures , workshops, group discussion, Q&A sessions, rallies, placard display, rallies commemorative day celebrations leading to gender sensitisation.

**6.3.7 How does the institution train its support staff in better communication skills with patients?**

The senior faculty as peers trains and import skill on local language terminologies, customs, traditional, food habits, clothing habits, seasonal life style, etiquettes, manners, art of listening, empathy, interpersonal relationship, respect for elders women and children, compassion selfless service and self regulation. The staff of college of nursing and physiotherapy and Nursing Superintendent/ MS/ RMO are involved in conducting periodic training of nursing staff of hospital on the above mentioned aspects.

**6.3.8 Whether the research interests of teaching faculty are displayed in the respective departments?**

Yes, Each faculty member is allowed to identify the thrust area of research, based on their knowledge base, competence, skill, facilities, clinical research resource, current trends,





and expectation, leading to innovative practices. The annual report of the department also highlights the research interest and trust area of research of the faculty.

**6.3.9** *Do faculty members mentor junior faculty and students?*

- Yes the senior faculty of PIMS-DU are involved in constant and continuous mentoring of junior staff and PGs in academic and co-academic activities – micro teaching, involvement of junior in case studies, role play, publications, projects (as co-investigators or joint authors) organization of seminars, workshops as joint coordinators, dissertation review, publication review, curricular review, pedagogic practices, evaluation practices, mock vivo-voce and group discussion/ sessions.
- Involvement as resource persons and presenter in CM, CPC, CME, conferences & workshops.
- Grooming of leadership by providing opportunity to depute them to meetings and scientific clinical deliberations.
- Providing a role in clinical diagnostics, therapeutics, health care meet and surgical procedures.
- Imparting skills on report writing, project proposal preparation, submission of research proposal, preparation - submission of research projects, correction of dissertations, presentation of papers and posters.
- The senior faculty also given socio- psychological career counseling, career path orientation and identifications and shaping their professional career.
- These practices have helped in team work and cooperation, mutual respect and recognition among faculty.

**6.3.10** *Does the institution offer incentives for faculty empowerment?*

**Incentives for faculty empowerment are as follows:**

**Administrative incentives –**

HOD, Unit Head, Coordination of forums or Cells.

Membership in statutory bodies -BOS, BOE, AC, BOM, FC, PMEB, BOR, Ethical Committee.

To become statutory officers – Registrar / COE/ Director.

Duty leave (OD) Special leave, Maternity leave, Medical Leave.

**Financial Incentives:**

Insurance / PF/ Group Insurance . Family Welfare.

TA, DA, registration fee, membership fee reimbursement of funds towards research and publications.

Seed money for research, sponsoring FDPs, workshops, seminars and conference.

Increments, higher slab,

**Academic Incentives:**

To pursue Ph. D., Research work, publish articles and books.

To pursue STC, STTP, Fellowship and Membership and Honor of Professional bodies.

Provision of research facilities and ICT for e-learning.

**Welfare Incentives :**

Residential quarters, support facilities, and service 24X7 water, electricity and security.

Day care centre, education for children, free medical service.



#### **6.4 Financial Management and Resource Mobilization**

##### **6.4.1 What is the institutional mechanism available to monitor the effective and efficient use of financial resources?**

- Preparation annual plan – budgeting, consideration of the estimates of accounts and expenditure of earlier years, vis-à-vis income from various sources expected and developmental activities ahead, recurring and non recurring expenditure.
- Consideration of budget, earlier approval of statement by finance committee, followed by BOM and its approval.
- Store and purchase committee ensure procurement of materials based on standard procedure. The engineering department undertakes work through recognized and approved contractors based on e-tenders. The appointment order for HR – Personal, the administrative orders for sanctioning of amount for service, functioning and procumbent or sponsorship or payment form the basis for Head of Account and expenditure by FO section. The accounting procedures are scrupulinly followed. Day to day maintenance of day book, cash book, reconciliation, and review are in place. Heirarchial approval policy is followed. Accounts transaction and maintainence is digital format (Tally).
- Internal and external audit of finances are undertaken regularly. External auditing was done by M/S Chadurvadi and fellows. – Approved Chartered Accountant from Mumbai and others.
- The BOM and Finance committee reviews the audited reports and their suggestions and observations.
- Perspective planning, need based analysis, financial sanctions based on needs, appropriateness and essentiality, evaluation of income, expenditure and its overall outcome are consider by parent trust, statutory officers on day to day basis.
- Needs of stake holders are met, the observation of statutory bodies are complied with.
- Hence PIMS-DU is able to grow over the years to serve the rural masses through its health care and provide health professionals education as per national and global expectation.
- Appreciation of DR. APJ Abdul Kalam, former then prescient of India about The “Pravara Loni model of PURA” is a justification of efficient and effective financial management.
- Continuous faith and trust of International Collaboration/ agencies, research, exchange and outreach activities again emphasise the effectiveness of financial management.
- The fee structure committee is headed by a retired Judge of High Court and other experts members, the committee takes in to account, the judicious and vital component of expenditure need to run the programmes while fixing the fee for professional courses. Our fee structure is very moderate when compared to other select institutions, again underlines the effective and efficient financial management.

##### **6.4.2 Does the institution have a mechanism for internal and external audit? Give details.**

Yes, Internal audit is conducted by finance section and internal auditors once in three months. External auditing is done by statutory officers M/s Chaturvedi and fellows



(Registered & Approved) our charter accountants. They submit annual audited statement of income and expenditure to university for further consideration

**6.4.3 Are the institution's accounts audited regularly? Have there been any audit objections, if so, how were they addressed?**

Yes, PIMS-DU submits itself for regular financial audit (explained at 6.4.2). So far, there are no major audit objection, Suggestion for improvement of accounting procedures as per latest trends, are accepted.

**6.4.4 Provide the audited statement of accounts with details of expenses for academic, research and administrative activities of the last four years.**

Extract Consolidated Statement of Income and Expenditure and Assets for 2010-11 to 2014-15:

Sr. No.	Particulars	2011-12	2012-13	2013-14	2014-15	2015-16
<b>A</b>	<b>Recurring Expenses</b>					
1	Salary, Allowances & Contributions	2831.87	2890.70	3242.89	3511.39	4028.34
2	Academic And Educational Expenses	489.41	519.32	681.57	652.81	1002.32
3	Research Related Expenses	82.89	98.71	115.21	243.39	1364.53
4	Student Related Expenses	84.27	75.61	74.20	72.17	76.99
5	Administrative Expenses	243.77	220.54	234.92	208.73	210.02
6	Maintenance	361.35	418.26	394.27	556.57	726.02
7	Establishment	57.44	61.42	64.86	107.37	129.42
8	Expenses on Properties	382.88	389.18	486.13	492.47	486.28
9	Staff Welfare	38.22	47.88	38.41	42.61	48.66
10	Loss on sale of Assets	4.10	0.05	2.35	0.87	4.84
11	Depreciation	385.50	406.60	467.44	500.01	827.40
12	Any Other Expenditure	0.00	0.00	0.00	0.00	0.00
	Total Expenditure	4961.70	5128.27	5802.25	6388.39	8904.82
<b>B</b>	<b>Non Recurring Expenditure</b>	<b>480.56</b>	<b>463.40</b>	<b>784.45</b>	<b>457.63</b>	<b>1166.43</b>
	<b>Grand Total Expenditure</b>	<b>5442.26</b>	<b>5591.67</b>	<b>6586.70</b>	<b>6846.02</b>	<b>10071.25</b>
<b>C</b>	<b>Revenue Income</b>	<b>4562.14</b>	<b>4742.31</b>	<b>5444.08</b>	<b>6287.87</b>	<b>7615.98</b>

**6.4.5 Narrate the efforts taken by the institution for resource mobilization.**

The resource mobilization for PIMS-DU is from following sources:

The main source of income is collection of prescribed fees from students enrolled every year (tuition fee, examination fee, other miscellaneous fees) as per fee prescribed by fee fixation committee



Other sources included interest on bank accounts, receipt from patient's health insurance and other sundry receipts.

This institution does not receive any government or private grants or donations.

**6.4.6** *Is there any provision for the institution to create a corpus fund? If yes, give details.*

Yes, as per the UGC regulatory provisions governing deemed to be university PIMS-DU has maintained a corpus fund of Rs. – lakh vide FD No. --- dated – at – bank.

The interest generated has been utilized for development activities.

**6.4.7** *What are the free / subsidized services provided to the patients in the hospital?*

**Free Services:** Registration OPD, IPD, consultation, USG, X-ray, basic biomedical, investigation, clinically nursing care, food and OT facilities.

**Subsidized services:** Special rooms, MRI, CT-Scan, ICU, higher biochemical, dental materials, implant, radiotherapy.

**6.4.8** *Does the institutions receive fund from philanthropic organizations / individuals towards patient care? If yes, give details.*

PIMS-DU does not receive any funds for patient care from philanthropic institutions (it receives research grant & funds for the outreach and extension activities related to community health care/ public health; the details are given at 3.1 to 3.3 of criterion III SSR.) As an act of benevolence, the parent trust namely Pravara Medical Trust, provides financial assistance to patient in need of help, when no other resources are available.

The committed faculty/ staff and dedicated students who have adopted 5 families of villages etc. extend financial assistance in case of need.

**6.4.9** *Do patients from other states / abroad come for treatment, reflecting the unique quality health care provided by the institution?*

**Yes,** Patient from neighborhood states – Madhya Pradesh, Karnataka, Gujarat and other states do come to for tertiary treatment at PRH and RDC (especially the Onco-therapy, chemotherapy, surgeries, dental interventions) Select patient have come from Bangladesh.

Since PIMS-DU's location is on road connecting religious and historical place like Shirdi, Nashik, Aurangabad and Shani-Shingapur, large no of tourists ply on this road or nearby state and national highways. Hence tourist seeking emergency services and have utilized the facilities at PRH & RDC.

PIMS-DU offers timely and dedicated service to cases of vehicle accident on roads, especially trauma and serious cases, thus acting as life saver for critical ill and traumatized patients.

One more service provided by PIMS-DU is the medico-legal autopsies, as it is the only private medical college in Maharashtra permitted to do so. The relatives of the victims need not run from pillar to post to get the medico-legal autopsy done and get the claim of body of victim for final rituals. Hence it is a social course that PIMS-DU is extending to society.



## **6.5 Internal Quality Assurance System**

### **6.5.1 Does the institution conduct regular academic and administrative audits? If yes, give details.**

PIMS-DU has given thrust and emphasis to quality initiatives, measures for quality substance and steps towards quality enhancement and enrichment.

- Accordingly it volunteered itself for assessment accredited by NAAC in 2011. As a means to ensure quality assurance and bring in quality culture, IQAC was constituted at university level. In order to allow the percolation of quality at all level, IQACs were also constituted at each college level. They are proactive and functional at both the levels. They are acting as liaison with all other committees to ensure quality in all the aspects of input systems, processes, strategies and output as well as quality analytical steps for their timely evaluation and midterm corrections.
- In this context, it has arranged for the Academic Administrative Audit (AAA) by external committees, comprising of former Vice Chancellors, educational administrators and Directors. The departments of Constituent Units were made to submit their profile and inputs in prescribed format. The committee analyzed the same. The staff and HODs of Departments and Heads of the institutions gave the power point presentations and participated in discussions and Q & A session. IQAC coordinates these activities. Shri Rajendra Vikhe Patil, CEO, Dr. Snehalata Deshmukh Former VC, Dr. Nagada Former Director, Dr. Takawale, Former VC, Dr. S. D. Dalvi VC, Dr. Y. M. Jayaraj Pro. VC and were involved in those deliberations.
- The committee gave number of valuable suggestions towards quality sustenance as well as enhancement.
- As part from this A-A-A, the university also conducts monthly academic administrative meeting with all the Heads of the institutions and officers to ensure smooth functioning and implementation of action plan and suggestions.
- The annual inspection by MCI, DCI, INC, and statutory bodies, institution wise and subject for enhancement of seats and ensuring prescribed requirements, the guidelines given from time to time for compliance also have helped the university in its quality assurance.
- The informal observations and suggestions by experts, visiting dignitaries and peers have also contributed for the qualitative growth and development. The review meetings with institutional heads conducted regularly by the Chief Trustee of PMT Dr. Balasaheb Vikhe Patil, Padma Bhushan awardee, former minister in the Union Cabinet and a seasoned parliamentarian (8 times), a visionary and a hard task master, has immensely helped PIMS- DU to fine tune the steps and action plan to realize the vision of PMT.
- Our chancellor Dr. Kelkar (Padmavibhushan awardee, Farmer economic adviser, member of several committees of GOI) review the performance and gives valuable advice.





**6.5.2 Based on the recommendations of the Academic Audit, what specific follow up measures have been taken by the institution to improve its academic and administrative performance?**

The follow up measures are as follows.

- Expansion of physical infrastructure at college and hospital level, residential level and support services for the enhancement in the intake of MBBS seats 125 to 200, all the necessary steps for enhancement of class rooms, laboratories, seminar hall, museums, auditorium , IT-LR facilities, hospitals diagnostic, theratctc facilities, bed strength, ICU, OTs and recruitment of HR at all levels has been undertaken.
- Similarly the PG departments were strengthened to justify the enhancement in intake. All the institutions essentially RMC, RDC, CON, CSM, CBT and Dr. APJ Abdul Kalam College of Physiotherapy have moved upward in terms of enhancement of seat enrollment.
- Numbers of STCs, STTPs and value added programmes have been enhanced at each institute; e-learning resourses are enhanced, Biometric attendance for students, digital feedback have been initialed.
- Strengthening of orientations and induction remedial measures, mentoring, counselling
- Inventum, Padmanjali, Chancellor Rolling Trophy, Research incentives, awards have been successfully organized / launched and continued.
- Library is computerized with OPAC facilities (Tech Bucuz CMI 2-7 Software)
- Learning centric approach – PBL, EBL, CAL, SDL have been strengthened. Strengthening of MET, Biostatistics and Information Cell.
- The PG Dissertations is valued by 3 examiners and the best Dissertation prize is awarded. The title of the Dissertation in mentioned in marks card.
- OSPE and OSCE have been adopted where over feasible CD on Curricular transactions have been revivewed. Research methodology workshops are strengthened.
- PBL sessions, introduction of Bioethics, establishment of UNESCO Bioethics Chair, strengthening of journal, systematic analysis of research data, reactivation of ethics committee and directorate of research, international collaboration cell, are few illustrations of the follow up measures; Subscription to Elsariers LMS, computer facilities, e databases are strengthened.
- Strengthening of “Pravara Innovative Model” of comprehensive rural health care, Extension, Outreach, and training paramedical, basic health workers is one of the main follow up measures.
- Regular publication of annual reports, regular and timely organization of convocation, award of degrees, online degree verification and authentication system.



**6.5.3 Is there a central unit within the institution to review the teaching-learning process in an ongoing manner? Give details of its structure, methodologies of operations and outcome?**

The central review mechanism of teaching, learning process in an ongoing manner are at three levels – at each department level, institute level, and university level.

**Methodology followed at each Institute level:** The college council headed by the Dean/Principal, comprising of all HODs, and head of service unit meets every month to review all the academic administrative aspects. Review of administration process and enrollment and strengthen of infra, LR, IT, review of results and other aspects. Normally it is held in the beginning and end of the year. In case of teaching, learning (academic calendar and time table, student attendance, advance teaching plan, meaningful and oriented curricular transaction, delivery, completion of portion in time, continuous internal assessment, rotation plan, clinical posting maintenance of log book, journal club, MET training, remedial coaching, tutorial, student seminars quiz). The review is main agenda of every monthly meeting. The HODs and head of the sections presents, the report of their department and the principal and dean review it and suggest correction and enhancement strategies.

**At University Level-** The monthly meeting of Academic Administrative Committee at PIMS- DU level, chaired by VC and representative of the Trust, comprises all the institutional heads, statutory officers, non statutory officers and section heads. The performance of institution, especially the regular teaching learning process, examination, continuous evaluation, feedback, provision of LR, ICT, IT, Clinical resources, etc are also discussed in details.

The management also conduct direct and indirect review of TLE process.

IQAC of all colleges and units also review these process at regular intervals and at the time of collection of data for annual report and AQAR preparation.

The Academic Council and BOM, BOS and PMB also review the performance of students vis – a- vis the academic transaction, CDD curricular transaction.

**Action taken:** Steps for continuous improvement, methods and strategies for curricular transaction, blended teaching, ICT enabled teaching, regular classes, syllabi are ensured. Adherence to time table, academic calendar is also ensured.

Step to enhance teachers training through MET/ Continuing education units.

Steps to adopt innovative pedagogy, OSPE, OSCE, Quiz and a move towards MCQs.

Emphasis to PBL, CBL, CAL, SDL, EBM, Micro Teaching.

**Outcome-**

The performance of the students in university examination in good grade and their progression to the higher education, their national level entrance test performance, illustrious alumni indicate the realizations of the strategies. The early clinical exposure, induction of UG students to research, promotion of spirit of enquiry is visible through enhance ICMR, STS projects and publication by students.



**6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?**

IQAC has contributed immensely towards institutional quality assurance, strategies and processes.

In brief they are as follows:

- Regular meetings and function of staff council at department level and college council at institution level, Academic Administration committee at university level, Board of Research committee, Ethical Committee and non statutory committee.
- Adoption of pedagogic innovations- PBL, CBL, CAL, SDL, ICT enabled teaching by Directorate by Research/ MET.
- Regular workshops on Research methodology, Teachers Training from MET and continuing education unit on blended technique, ICT enabled, teaching, Clinical orientation
- Regular organization at National level “Inventum” annually for UG / PG researcher.
- Regular Padmanjali an annual university level event for co and extracurricular activities.
- Award of Chancellor Rolling Trophy annually, RIS and young budding award for students; awards rewards and incentives for researcher.
- Regular submission ICMR STS projects and their follow-up.
- Strengthening of University Journal
- Institution of management sponsored STS projects.
- Budget Provision (Rs. 100 lakhs) for research
- Celebration of International YOGA Day other commemorative day, foundation day.
- Regular annual convocation, regular organization of CME, CPC, CM, guest lectures at all level (Department/ Institute/ University)
- Good numbers of International collaboration, “Teachers and Student exchange” under Lenius Palme pact and Erasmus Mundas programme.
- Students and faculties have visited foreign universities and faculties and students of foreign university have visited us. 3 faculty act as visiting/ emeritus/ adjuvant professor.
- Digitilization of feedback and its analysis
- Internal and External AAA, AQAR, Annual Report
- Compliance of UGC Ph.D. Regulations –Pre-Ph.D. Exam, Course work.
- Strengthening of Pravara Loni Model for integrated holistic suitable rural development with comprehensive rural health care.
- Attaining millennium goals and objective in the field it health care- Health Indication MCH indicators at Loni- Pravara

**Pravara Innovative Model’s Innovative Practices “COME, SHAPE, RHCs, THC’s, Arogya Bank, Arogya Mitras, e health Centers, e Health Consultancy, TOT”.**



**6.5.5 *How many decisions of the IQAC have been placed before the statutory authorities of the institution for implementation?***

The Vice Chancellor as chairman of Board of Management, Academic Council, Planning Monitoring Committee and other non statutory committee, in all their meetings will present the activities of the university, action report and steps for short term plan. This presentation also includes the activities and major decisions and observation of IQAC on PIMS-DU based on the recommendation of IQAC. The respective statutory officer and section head, prepare the appropriate suitable agenda for these meetings for consideration. The nominated members also move the initiatives of IQAC as an agenda for consideration of decision. The AQUR, Annual report and other review report of IQAC are placed before VC for their discussion in these bodies. Majority of the academic administrative agenda do have the basic IQAC recommendation and observation in an indirect way. IQAC act mainly as a proactive catalytic liasoning office in all the quality initiatives and enhancement step.

**6.5.6 *Are external members represented in the IQAC? If so, mention the significant contribution made by such members.***

There is representation of external members in IQAC constituted / reconstituted as per guidelines and norms. Their main contributions are towards the strengthening of curriculum, teaching learning process, LR, Clinical resource, R&D, HR Policy and Research policy. Their suggestions in these directions have helped in number of quality initiates discussed earlier.

**6.5.7 *Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?***

The mentor mente system practiced in the Institutions take care if the academic growth of all students in general and of marginalized sections in particular. The department level staff meetings, institute level college council, Board of Studies, Academic Council and Academic Administration Committee review the university results to know the students performance. The class teachers, unit heads also given importance to the academic growth of each and every student under their supervision. The PG teachers supervise the academic growth and performance of the PG students by reviewing their log book, dissertation work, publications, performance in clinical assignment. IQAC orients the teachers at regular intervals through lectures and group discussion on the importance of reviewing the performance and academic growth of the students. The office undertakes gender audit and social geographic audit.

**6.5.8 *Are there effective mechanisms to conduct regular clinical audit of the teaching hospital? Give details.***

The clinical audit of the hospital is done indirectly by the inspectors of MCI/DCI/INC about the availability of clinical facilities needed; therapeutic and diagnostic facility in department and central level(CCL), Central Support Facilities (CSSD Pharmacy, manifolds, Life support, systems, OTs, kitchen, launadary), Blood Bank, casualty, required numbers of doctors – para medical staff – nursing staff, budget and adequate clinical resources (OPD-IPD, enrollment, bed occupancy and duration of stay) Hence this



mandatory exercise by inspectors of statutory bodies act as an audit of clinical facility at Pravara Institute of Medical Sciences (Deemed University)

Apart from these mandatory inspection reports, the MS of the hospital conducts regular meetings of several committees related to the evaluation of the functioning of hospital and its outcome (Tumor Board, Hospital Infection control Committee, Pharmacovigilance, Mortality audit, committees for monitoring and surveillance of staff on duty by rotation record keeping, case of medical negligence, grievance redressal. The Deans and VC also reviews the work at regular interval)

**6.5.9 *Has the institution or hospital been accredited by any other national / international body?***

The hospital is accredited at A-1 level by appropriate body for empanelling of it in the registry of state health insurance scheme RGJAY. NAAC also has assessed Pravara Institute of Medical Sciences (Deemed University) and its constituent units in 2011. UGC committee has reviewed the performance of deemed university in 2008.

The CCL and reporting by Pathology / Microbiology / Biochemistry / is subjected to external quality assurance mechanism (CMC Vellore). Preparation is on to get accreditation of NAAC for 2nd cycle and NABL accreditation for its CCL. The animal house, the ethics committee and have got recognition from appropriate bodies

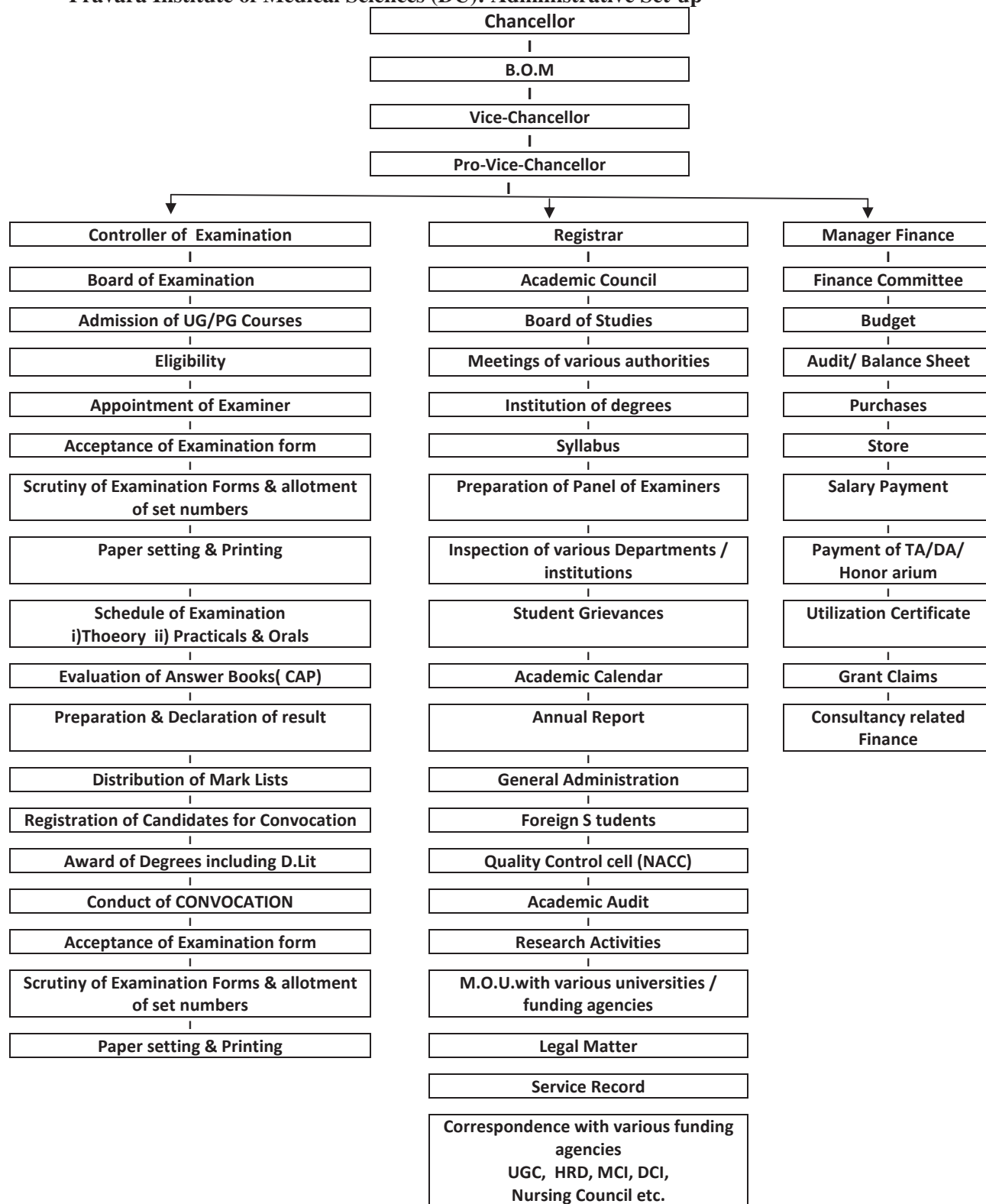
**6.5.10 *Does the hospital have institutional and individual insurance schemes to cover indemnity claims?***

YES, The PRH; has initiated the step towards Institutional Health Insurance Scheme to cover indemnity claims. At present our hospital services and facilities are all used by major health insurance Scheme providers. (MD India Health Care Services Ltd. and others)





**Pravara Institute of Medical Sciences (DU): Administrative Set-up**





*Criterion - VII*  
***Innovations***  
*and*  
***Best Practices***



**Pravara Institute of Medical Sciences**  
**(Deemed University)**







**CRITERIA VII: INNOVATIONS AND BEST PRACTICES**

**7.1 Environment Consciousness**

**7.1.1 Does the institution conduct a Green Audit of its campus?**

Yes, PIMS-DU has given emphasis to green campus. PIMS-DU is situated in a totally a remote and backward area of Ahmednagar district. It has a vast green, clean and neat campus with vast open space with good number of trees, gardens, fruit orchards, lawns and drainage system. The garden department conducts an audit on the flora of the campus and its coverage. Its floral details are as follows:

- Garden Department is proactive in making the campus green through a systematic action plan- Landscaping, development of gardens around buildings, Herbal garden, Coconut grove, Fruit orchards, Social forestry, Lawn development and so on. It has developed 11 gardens (223 R) and Social forestry.

Sr.No.	Type	Varieties	Number
1	Medicinal Plants	16	1772
2	Fruit Plants	10	1567
3	General Trees and plants	74	5792
4	Garden Plants	59	6592
	<b>Total</b>	<b>159</b>	<b>15723</b>

Plantation Year Wise	Varieties	Number
2011	07	215
2012	06	83
2013	07	153
2014	10	220
2015	11	225
Lawn Varieties – Haryali, Taiawan, Jumping, American blue, Ribben Grass	05	

**Special features of gardens / lawns in the campus:**

- Gardens are having big avenues and flowering plants and lawns
- Different types of Lawns like Harali lawn, Taiwan lawn, Jumping lawn, American Blue grass, ribbon grass are planted according to soil type and availability of sunlight etc.
- There are different plants like rubber, Ficus, Benjamina Christmus, Gulmohar, Beheda etc planted by Honorable Guests visiting campus. Like Honorable President of India Dr. APJ Abdul Kalam, other political leaders, persons having high reputation in the society.
- Plants which are difficult to grow in such soil are successfully grown with special care for development like coconut plants, christmus plants etc.
- Different shrubs like boganelia, wagnakhi, jui, jai, madhumalti, passion flower, are planted along road side compound fencing inside the campus.
- Various indoor plants are successfully planted in the hostels like NRI Hostel, RMO Hostel, RMC etc.
- Lawns irrigation is done with the help of rain guns with recycled water saving potable water.





- Plantation in road dividers of different flowering & ornamental plants.
- Total hedges of about 2 KM is maintained by department - Golden Duranda, Dedonia, Hibiscus , Areka Palm And Vilayati Chinch
- Name plates for big trees of campus in respect of name, botanical name, use etc are fixed plants
- Remaining area other than garden is planted by social forestry plants and maintained .

PIMS-DU has a dedicated garden and agriculture section having experienced staff (3+4) and 44 workers to maintain greenery in the campus. The air quality is very good from the points of its physical chemical parameters. The air pollution caused by the automobilists plying on main state highway is neutralized by the thick foliage, greening and open space.

Importance of environmental protection and preservation, pollution control and its relation with health and hygiene are highlighted to students through lectures and workshops. PIMS-DU is subjecting itself for ISO certification on environmental aspects. The quality of air and water of the campus indicate an unpolluted zone in a rural area giving a peaceful green campus.

#### **7.1.2** *What are the initiatives taken by the institution to make the campus eco-friendly?*

- **Energy conservation:**

PIMS-DU has adopted multiple strategies to conserve energy both formally and informally. These are as follows:

- Construction of building blocks based on aesthetic designs to allow plenty of natural light and air circulation, monitoring the usages and artificial light during day.
- Master control switch systems to turn-off the lights when not in use in strategic places.
- Campus Master Plan and land scaping has facilitated the construction of hospital colleges and library –hostels, support facilities, guest house in a way allowing a walk of 5 minutes to reach any point on campus (academic, co-academic, extra-academic, personnel, walk, fitness programme, provision, stationary, banking and other support facilities).

Hence there is least utilization of private personal vehicle by faculty, student, even patients and visitors. This has helped in maximum saving a lot of fossil fluids (petrol-diesel) and energy. It has a direct positive being on the green campus with fresh air.

The department of electrical engineering has got “Energy Audit” of PIMS-DU by external reputed agency. It has implemented all the recommendations leading to saving of energy (895,860 kvh) worth Rs. 100 lakhs. Further it has invested in its new extra electricity network leading to energy savings. The report and its outcome is as under



**Key Results for Energy Savings & Estimated Potential along with Broad Cost Benefit**

SN	Energy Saving Areas	Estimated Energy Saving, kWh	Estimated Annual Energy Saving Potential, Rs.	Estimated Investment, Rs.	Simple Payback Period	Action for Implementation
<b>A. Recommendations with No/Minor Investment</b>						
1	Saving due to Reduction of Compressed Air Pressure	12,727	140,000.0	-	Immediate	Immediate
2	Energy Saving by Installing AC Energy Saver	40,878	449,658.0	120,0000	3	Implement at 5 AC's on sample basis & review for all
3	Installation of Correct Size and Energy Efficient Pump	113,636	1,250,000.0	280,000	3	Review pump capacities, invite offers & implement
4	Voltage Optimization - Lighting	85,410	939,000.0	400,000	5	Invite offers, Review & implement
5	Energy Saving Potential by Retrofit of Air Conditioners	85,536	940,896.0	1,140,000	15	Review & implement
<b>B. Recommendations with long-term investment</b>						
6	Energy Generation Through Kitchen Waste	-	175,000.0	300,000	21	Review and implement
7	Adoption of High Energy Efficient Fans	268,640	2,955,040.0	6,000,000	24	Invite offers, Review and implement
8	Energy Saving by Adopting LED Lights	289,080	3,179,880.0	7,000,000	26	Invite offers, Review and implement
<b>Total</b>		<b>895,860</b>	<b>10,029,474</b>	<b>15,240,000</b>	<b>18</b>	

**Implementation**

**A. Recommendations with No/Minor Investment**

S. N.	Recommendations	Implementation done.
1	Saving due to Reduction of Compressed Air Pressure	We had installed new MGPS, including all types of imported Compressor. i.e. Medical Air, Vacuum, Suction & Clean air.
2	Energy Saving by Installing AC Energy Saver	We had installed APFC unit to all main panels, as well as done serviced above panels from reputed vendors.
3	Installation of Correct Size and Energy Efficient Pump	We had installed Energy Efficient Pump for new constructed buildings, as well as done proper maintenance of old water pumps.
4	Voltage Optimization - Lighting	We had installed New Synchronous Panel with APFC unit.
5	Energy Saving Potential by Retrofit of Air Conditioners	We had installed Energy Saver new Split AC, Package AC Unit, Air Cooling unit & VRV system. Also replaced old AC compressor against Energy Saver compressor.



**B. Implementation with long-term investment**

S. N.	Recommendations	Implementation
6	Energy Generation Through Kitchen Waste	The survey for Energy Generation Through Kitchen Waste is done. Proposal is in under sanction process.
7	Adoption of High Energy Efficient Fans	We had installed Energy Efficient fans for new constructed buildings. Also replaced 1082 new fan against old types fan in various places.
8	Energy Saving by Adopting LED Lights	We had installed Energy Saving LED lights for new constructed buildings. Also replaced 1415 LED Lights against old types lighting fixture in various places.

- Use of renewable energy:**  
PIMS-DU has installed 24 solar water heating systems at all strategic locations (hospital, college, hostels, and residential units, guest house – 136000 LPD). Electricity department maintain them round the clock for effective functioning.
- Water harvesting:**  
The campus has a well laid out drainage system to channelize the rain storage water falling on the campus to an open natural and artificial water bodies. Rain water harvesting systems iron roof tops is also under implementation stage. Presence and growth of good numbers of trees and helped in water percolation enhancing the ground water table.
- Solar panels**  
Steps are on to install solar panels to generate electricity from solar power for street lighting. The action plan is under consideration. Budget provision has been made. (Details regarding solar water heating panel is given above)
- Efforts for carbon neutrality:**  
It has already been explained at several points of SSR about the location of PIMS-DU Loni, its vast green, calm and clean campus of more than 115 acres, its master plan, land scaping, avenues pavements, trees and gardens. The buildings are constructed in a such a way that all the building blocks, hospital, colleges, hostels, residential complex, support services, sport facilities, cultural avenues shopping complex, guest houses, all are located in within a radius of 1 km. All buildings are adjacent to each other. Hence students and staff as well the patients, attendants, visitors, other stake holders walk the short distance. Hence the usage of vehicles on the campus is minimized.  
The parking space surrounded by big trees is able to hold the quantity of dust and auto pollutants from vehicles (although its production is minimal). Hence there is a total carbon neutrality approaches towards a green campus.
- Plantation - Botanical or Medicinal significance:**  
The details about green approaches and varieties of trees, shrubs and herbs on the campus of PIMS-DU are given at 7.1.1. The department of Pharmacology of RMC has developed a medical herbal garden comprising of good numbers of medicinal plants. Research on medicinal plants has been undertaken by the department and research articles have been published (RMC, RDC, CBT). One patent on the important chemical component of a medicinal plant and its activities has been filed. The report of garden department highlights the botanical significance of fruit varieties. The medicinal plants garden maintained by a sister institution of ayurved at a nearby village Shevgaon has a rich collection of Ayurvedic medicinal plants. Hence emphasis is given to plantation of garden and lawns of botanical and medicinal plants.



- **Bio-hazardous waste management:**
- PIMS-DU has a well defined policy, action plan and its implementation by a team of dedicated staff, with adequate budget provision for effective collection and disposal of bio-hazardous waste and its management.
- All the hospital and lab wastes are collected in color code bags. Emphasis has been given for waste separation, transport and handing it over to the licentiated agencies for final disposal. The bio-hazardous waste collection and disposal agency has valid license from the Government of Maharashtra Pollution Control Boards and civil authorities of the district.
- **E-waste management**
- Being a professional health education institution, generation of e-waste is minimal. Even this minimal e-waste management has been undertaken by IT section by giving old computers and its usable peripheral to sister institutions of primary level and extension units. IT section also arranges lectures on importance of e-waste management.
- **Effluent treatment and recycling plant:**
- The campus of PIMS-DU has a well laid out drainage system, open drainage for strom waste and underground drainage system for toilet waste for disposal of sewages. The collected waste water sewage is subjected to proper sewage treatment methods.  
There are three sewage treatment plants (each with capacity of 8,00,000/ 30,000/ 20,000 liters per day – a total of 8.5 lakh liters of waste water treatment capacity). There is one effluent treatment plant with 5000 liters per day capacity. Recycling mechanism of treated waste water is in place. The treated waste water is used for irrigation / gardening and ground water recharge.
- **Recognition / certification for environment friendliness:**
- PIMS- DU has undertaken Collaborative research and extension activities on agriculture related medicine, occupational health in association with International Association of Agriculture Medicine and Rural Health (IAAMRH), Japan, India, Hangery and other prestigious universities of UK, USA, Europe and Australia.
- Projects and surveys (19) on occupational/ environmental related health issue in rural area (details given at 3.6) have also been undertaken.
- The training given by PIMS-DU's CSM to foreign students (representing 40+ universities all over the globe) to pursue certificate in social health and rural development as well earn credit points, leading to award of degrees by their parent university(a twinning programme cum training certification) has got recognition from 40 + foreign universities.  
Energy audit report and its compliance has already been explained  
Appreciation and commendations by PRIs of Loni, Rahata, Ahmednagar on the extension and outreach activities and their environmental friendliness is noteworthy.

### **7.1.3** *How does the institution ensure that robust infection control and radiation safety measures are effectively implemented on campus?*

PIMS-DU has ensured the strict compliance to robust infection control and radiation safety measures through following strategies:



- Standard operating procedure and protocols in hospital and colleges, all precautionary sterilization / disinfection mechanisms for animate and inanimate objects
- Masks, Coats/ Gowns/ Aprons, Head caps, gloves, shoes as compulsory precautionary measures
- Usages of standard presterilization kits (Certified and tested) in hospital practice
- Sterilization of all the medical dental, surgical and nursing instruments and materials at CSSD (Autoclave, ETO sterilization, hot air oven)
- SOPs for collection, washing, cleaning, sterilization, packing and their distribution.
- Valid documentation, surprise and periodic check.
- Mechanism for collection and disposal of bio-hazardous hospital and college laboratory waste.
- PIMS-DU has setup Hospital Infection Control Committee comprising of faculty member PRH, RMC, RDC, CON, COPT as well as paramedical staff/ microbiologist.
- Studies and survey on possible nosocomial infections.
- Rapid screening of sample for HIV, HBs, MRSA, MDR, TB and so on.
- Studies on prevalence of opportunistic and healthy carriers, convulsing carriers
- Mortality audit, clinical meetings, proceedings on hospital data and its analysis.
- Safety and precautionary measures during out breaks of epidemics and patient flow

**Measures towards radiation safety**

- All the diagnostic laboratories of Radiology & Imaging and Radiation Oncology are subjected to review of Atomic Energy Regulation authorities and their certification.
- Lead shielding of walls (adequate thickness), metal filters and thermoluminescent dosimeter badges
- SOPs for subjecting patients for x-ray and scanning
- Compliance to Radiation Safety protocols and regulations of AERB. Radiation Safety Officer has been appointed
- Orientation of staff, students, patients and their relatives on radiation hazards and safety measures, consent and declaration
- Committee for Radiation Safety at PRH is proactive in all their endeavors.

**7.1.4** *Has the institution been audited / accredited by any other agency such as NABL, NABH, etc.?*

PIMS-DU has initiated steps towards NABL accreditation to its Central Clinical Laboratory and Blood Bank. Select teachers have received training for the preparation towards CCL's accreditation.

**7.2** **Innovations**

**7.2.1** *Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the institution.*

Pravara Institute of Medical Sciences – PIMS-DU and its parent trust PMT have introduced number of innovations since their inception which had bearing on the growth and holistic integrated development (rural, social, economic) education and health care





sector under P-P-P model in a rural area of Maharashtra. Further there innovations and best practices helped the establishment of 6 colleges in the sector of professional health education, resulting in the formation of Deemed University in 2003. Since then, PIMS-DU has subjected itself through rigorous exercises and strategies to move towards global excellence. It has introduced quality initiatives and measures for quality sustenance and enhancement. It got itself accredited by NAAC in 2011 and recognized by UGC for its quality assurance. It is subjected now for assessment and accreditation of NAAC in 2016. Some of salient futures of overall innovative initiatives that are the sustained and enhanced with additional features are as follows:

- A) Pravara LONI model of PURA [For Rural Development, Comprehensive Health Care and Community based Medical Education]

**Aim:** To Achieve Multiple goals at a time - community based education, training, service, care, value system, rural development, comprehensive health care, research, survey, extension, rehabilitation.

**Strategy:** Establishment of community based centers, networking of trainers-trainee-beneficiaries all stake holders- manual-social-e network, professional health care institution and hospital.

**Approach:** Integrated, holistic sustainable rural health care at individual –family-village and catchment area level.

**Motto:** To reach the unreached; to serve the unserved, learning through life and throughout life at their doorsteps.

**Pravara Innovation:**

1. Pravara - Loni module for Integrated Holistic Rural Development and Comprehensive Rural Health Care - appreciated by Dr. APJ Abdul Kalam, President of India, as Loni operative model of PURA, leading to sustainable development, on official website.

**The highlights are:**

- a. Integrated holistic sustainable rural development through emphasis on agriculture (irrigation modern methods, training mechanism), live stock production and development (animal, husbandry/ cattle breeding / animal products and process products, byproducts) agro based industry, agro marketing, Co-op banking and finance, social development education (UG to PG & Research) and comprehensive rural health care system. The visionary founder has addressed all these issues.
  - b. Under education sector, the management through its trust and societies are successful in establishing educational institutions of repute and national standards leading UG to PG studies & research.
2. Under health care sector, the innovative initiatives are as follows:
    - a. Establishment of professional health educational institutions – Medical, Dental, Nursing, Physiotherapy, Biotechnology and Social Medicine under one roof/ university campus in a remote village, Loni in backward area of Maharashtra.
    - b. Establishment of tertiary health care teaching hospitals for medicine, dentistry, and physiotherapy (Specialty and super-specialty health care & rehabilitation)
  3. Established of an unique centre called Centre for Social Medicine to undertake meaningful extension and outreach activities, collaborative teaching and research. Its initiatives are as follows:
    - a. Community Oriented Medical Education (COME) & Health Care (COHC) , Community Academic Patnership (CAP)



- b. Adaption of 5 families by a student of PIMS-DU in the first year and continue it till the completion of course (4 to 5½ years) to ensure health and hygiene along with social development.
  - c. Extended home care and clinical learning programme
  - d. Establishment of PHCs/UHTC/RHTC over and above minimum requirements of MCI.
  - e. Establishment of e-health centers, first aid clinics, extension OPDs and their connectivity to main campus
  - f. Establishment of Gram Arogya Banks
  - g. Introduction to Arogya Mitra Concept and practice in villages (training of volunteers in basic health education, health care, usages and utility of basic medical equipments, bench side investigations identifications and local treatment for common ailments – a concept closer to “Bare foot Doctors” at door step) of the needy.
  - h. Adopted to schools and special schools (SHAPE)
  - i. Participatory rural appraisal mechanism (Audio, Video, Print material)
  - j. Extension and outreach activities 24x7x365 in 234 villages situated in a radian 100 kms. (Min, multifaculty, diagnostics, screening, awareness, camps, rallies and workshops)
  - k. Reaching out to 2 lakh people in 30 kms radius through connectivity of Radio of KVKA.
  - l. PIMS-DU’s CSM act as Mother NGO to State Govt sponsored projects/ schemes/ missions/ NGOs/ SHG/ PRS.
  - m. Introduction of certificate course in Social Health and Development for visiting foreign students from 40+ universities across the global, leading to earning of 15 credits and degrees from their parent university (Twining programme)
  - n. Collaborations research projects undertaken by CSM (Rs. 12 lakhs) funded by international agencies and universities
  - o. Community health survey based student projects.
4. Mini marathon “Fun Run for Health” successfully conducted annually, [participation of 25000+ students, parents, villages, voluntaries, teachers].
5. Publication of print materials, leaflets, booklets, documentaries (Pani, Supari, Jeev Lakh Molacha).
- B.) Innovative academic activities and pedagogy- learner centric approaches- andragogy and heutogogy.**
1. Introduction of innovative programmes  
M. Sc. (Public Health) – later changed to MPH; Integrated M.Sc. BT in medical biotechnology; P.G. Diploma in epidemiology and health management; Certificate programme in nursing specializations.
  2. Establishment of Bioethics Chair at PIMS-DU, as per UNESCO’s guidelines and MCI. Introduction of course on Bioethics, inclusion of bioethics components in the syllabi/ curriculum.
  3. Introduction of short term certificate (STC) and short term training programmes (STTPs) for the benefit of students on skill development and recent advances (RMC, RDC, CON, COPT, CSM).
  4. Digital system adopted for histopathology and processing, instant second opinion of expert from abroad for differential diagnosis if any.
  5. Institutionalization of Problem Based Learning (PBL); Training of teachers at PIMS-DU, University at Sweden; Trained teachers training UG-PG students on PBL. Construction of problem based scenarios.
  6. Pedagogic innovations and e-learning modules – EBL, PBL, CBL, CAL, COME,



External home care learning on critical or chronic illness integrated teaching (H&V) learning at PHCs, e-learning, Elsevier's, e-learning module.

7. Attitude and behavioral changes communication based on focused group discussion.
8. Elsevier's learning software (Animation, simulation, how to diagnostic, complications, diagnosis, prognosis and recent advances, MCQ testing, quiz)
9. Certificate course on ICT in Rural Development with emphasis on health care, e-health, telemedicine.

**C) Innovative and unique tertiary health Care & Service.**

1. Establishment of the Department of Radiation Oncology and oncotherapy at RMC with state of the art latest facilities (in a remote rural area) to treat cancers and provide PG (MD & DMRT) education in the subject. It has helped the patients from rural area and poor status of the society in getting early diagnosis and timely therapy for cancer. Cancer Registry Centre has been established.
2. Our is the Only private medical college in Maharashtra permitted by Govt. of Maharashtra to conduct medico legal autopsies. It has helped the Govt. and society to come together on one hand (avoiding running from pillar to post) and on other hand for training and learning experience to UG & PG students of PIMS-DU.
3. Proactive, innovative and service by **Artificial Limbs Centre** at COPT for the benefit of PCDA people (Divyangs): distribution of prosthetics to the needy (Unique in a private sector)
4. Renaming of the College of Physiotherapy in the honour of Dr. APJ Abdul Kalam (1<sup>st</sup> time in India)
5. Digital system adopted for histopathology and processing, instant second opinion of expert from abroad for differential diagnosis if any.
6. Emphasis to education / care and rehabilitation to PCDA, geriatric group and needy. This has resulted in getting two national awarded to Pravara Rural Hospital. They are as follows:
  - a. **“Vayoshrestha Samman (National Award) - 2015”** Under Institutional Category for best institution for providing services to Senior Citizen & Awareness generation on 01 Oct 2015 at Vigyan Bhawan New Delhi by his Excellency President of India.
  - b. PMT / PRH as an Outstanding Employer of the Disabled for the Year 2015 awarded by National Society for Equal Opportunities for the Handicapped, India (NASEOH) on 9<sup>th</sup> Dec 2015 at Mumbai
7. Children heart surgery 200 + free cases and special surgery cases; conducted + 30+ multi-diagnostics camps per year.

**D) Research Collaborations and Linkages**

1. Proactive and result oriented international collaborations with leading international agencies/ universities to carry out research, extension, teachers and students exchange. – Lineus Palme exchange programme with Sweden.
2. Only one private deemed to be university in India involved in collaboration and linkage activities under EU's Erasmus Mundus, Erasmus+, programme. (Staff and students from RMC, RDC, COPT, CON are immensely benefitted and in turn the patients and community.
3. Establishment of Bioethics and Medical Informatics Centre to impact training to researchers PG and UG students.
4. Filing of 3 patents at national level (RMC – 2 and RDC - 1)



5. Organization of national level comprehensive research presentation programme for UG PG student exclusively INVENTUM– PIMS-DU
6. Mini marathon “Fun Run for Health” successfully conducted annually, [participation of 25000+ students, parents, villages voluntaries, teachers].
7. Publication of print materials, leaflets, booklets, documentaries (Pani, Supari, Jeev Lakh Molacha)
8. Energy audit and energy saving strategies, focused on green energy and green audit on green cover and carbon neutrality strategies.

### **7.3 Best Practices**

#### **7.3.1 Give details of any two best practices that have contributed to better academic and administrative functioning of the institution.**

PIMS-DU has institutional number of best practices to enhance quality leading towards excellence. Select few are listed here.

##### **Academic Aspects:**

- Drafting of curriculum and curricular transaction to introduction of innovative programmes
- Good academic flexibility – courses and programme option in all faculties, specialization in PG level in all the faculties
- Adoption of CBCS by CBT and COPT
- Value added programmes through STTP and STCs (Skill/ Knowledge/ Compacters)
- Regular upgradation and update of curriculum
- Introduction of certificate programmes, STC, STTPS
- Credit transfer and twining at CSM

##### **Best Practices in Teaching -Learning:**

- Transparent admission procedure; good demand ratio and least drop out ratio.
- Emphasis to pedagogic innovations, teaching learner centric approaches in curricular transaction EBL, PBL, CBC.
- Institutionalization of pedagogic innovations. micro teaching PGs.
- Teaching data based learning approaches. The Cochrane collaboration added in syllabi.
- Early clinical and community exposure, teaching bioethics, biostatistics and environmental science as part of curriculum.
- Adoption of OSCE and OSPE in formative evaluation.
- Vibrant local chapters of professional bodies conducting series of activities beyond curriculum
- Use of mobile apps in medical and dental practice and teaching
- Coaching under performers and slow learners as well challenge to fast learners, as student peers
- Organization of guest lectures, workshops, sessions on recent trends on regular basis
- Organization of event of local chapters of professional bodies
- Experts from India and abroad as visiting / adjunct faculty
- Good numbers of teachers with FAIMER/ FIME awards, members/ office bearers of professional bodies.



- Prosection projections and histology / histopathology projection systems for clear understanding and group teaching.
- Consistently very good university results leading to students progression, language laboratories, web learning recourses, problem based learning / Evidence based approach.
- Evidence based Medical / Dental Practices; Teaching of electronic searching for clinical trial information for Medicine and Imbase.
- Learning through super-specialty/ specialty clinics/ multi-diagnostic camps and referrals.
- Orientation, Induction, Bridge Courses
- Teaching of “PICO” Model in research guidelines (Patient, Intervention comparison outcome protocol).
- Teaching how to adopt elimination selection base, publications , informative and confirmative base for well known GIGO label ( Garbage in, garbage out).
- GRADE (Grading of Recommendation, Assessment, Development and Evaluation) approach for clinical practice guidelines.

#### **Best Practices in Research and Extension:**

- Proactive Directorate of Research, Institutional Ethics Committee and promotion of research
- Provision of research facilities, incentive, seed money, awards and rewards for research by students and staff, Chancellors Rolling Trophy for best researchers.
- Thrust to ICMR-STs projects by students and sponsorship by Mgt; Research fund.
- Visible collaborative research, clinical trial, health survey, and community based research
- Proactive international collaborative activities for teachers and students exchange, research and training
- Research on Indian medicinal plants; patent filing, genetic research, Nano silver practices.
- Thrust to doctoral research in medical, dental and nursing faculty
- “INVENTUM” as an annual national event to show case research by UG and PG studies.
- Introduction of medslam- A event to showcase research +ve Artistic way first time in any National conference.
- Involvement of students on prevention of cruelty to animals, pet animal rasing, organic farming
- Promotion of use of generic medicine, nutritional diet supplements.
- Proactive and vibrant extension outreach and involvement of all stake holders, distribution of print and e-materials, documentaries.
- Community oriented medical care; family physician concept in health care; family adoption, social and national orientation; annual health check-up; SHAPE; adoption of special schools for camps.





- Adoption and practice of Swachha Bharat and Swasth Bharat at Microlevel as a continues ongoing process.
- Doctors at door steps; bare foot doctor concept and practice; health workers – voluntaries
- e-health and tele-health strategies – Namskar Doctor & Hello Doctor
- Counseling on diet, nutrition, wastage avoidance, junk food, emphasis to Satwik Bhojan, tobacco cessation and anti-alcohol drive, awareness on AIDS
- Participation in national health mission and projects, save girl child, control of polio, malaria, TB, maternal health human and child risk.
- Provision of food and accommodation during transit stay for accident cases.
- Indira kitchen; Junka Bhakar Kendra free food for patients in wards.
- CPCSEA REGISTERED Animal Resources Center.
- Publication of peer reviewed ISSN numbered and indexed journals (quarterly)-PMR (Pravara Medical Review):
- Publication analysis through. Emerge tech and Chennai base IT Comp.
- University sponsored participation of QB and PQB in various national level research conferences and competitions.
- Collaborative Research with Datar Genecies. Title of the project- Estimation of free DNA for detection of cancer (Funds Sectioned: 9 Lakh).
- Logistic supports for the students doing research.
- Tumour board, Tobacco cessation oral cancer campaign, adoption of schools (SHAPE programme for learning), campaign anti-alcohol campaign, campaign on AIDS prevention and control.
- Bright Smile and Bright Future programme.

**Best Practices in the development of physical infra and learning Recourses:**

- Eco-friendly green and clean campus – good land scaping, adherence to master plan importance to aesthetic design and architecture, good lung space, thrust to natural ventilation and light, gardening based on software programming from Mahatma Phule Argi University, green audit, energy audit, 24x7 water, RO system, waste water treatment and efficient biowaste management.
- Emphasis to residential accommodation to staff and students
- 24x7 security CCTV surveillance, restricted entry register trained security guards
- Firefighting systems and drills for hospital and medical college.
- International Centre to provide accommodation to foreign students, “PURA in letter and spint, a concept appreciated by Hon’ble Dr. APJ Abdul Kalam, Former President, India.
- Good hostel facilities, quality food and basic 24x7 amenities



- Digitalized library databases (OPAC), computerized transaction and search
- Language laboratory (AV); e-library; databases; Elsevier learning databases; web based learning; WiFi and Internet connectivity, NKN.
- Open software adopted by IT
- GPS based e-ambulance service to people
- Emphasis to hospital infection control, antibiotic policy, occupational disease and their management
- “Pneumatic Shoots” for transportation of clinical samples to CCL for diagnosis
- Dry technology for biochemical diagnosis.
- State of art infrastructure and its maintenance by the Department-civil, electronics, electrical and other related Units.
- Provision of latest diagnostics and therapeutics equipments (MRI, CT-Scan, USG, digital x-ray, PACS, Autoanalyser, modern modular OTs, CSSD, power back-up)
- Emphasis to external quality assurance in diagnosis and therapeutics
- CCL with state of the art auto analyser and semi analyser using micro sample quantity and peculiarities of machine- dry run- Green Chemistry- saving of water and pollution.
- 1275 bedded furnished multi specialty hospital with ICU, OTS, CCL, BB, MI, Specialty clinics and community oriented activities in student support, all in a rural area.

**Best Practices in student support:**

- Empathetic mentor mentee system to provide academic – social – psychological - counseling and advise
- Career guidance and career path identification
- Creation of “home away from home” concept and practice
- Promotion of yoga, meditation, fitness, aerobics, vipashana, personality development
- Celebration of annual cultural – sports display as PADMANJALI
- Publication of college magazine, wall magazine & newsletters (Padmanjali, Bharari, Physio mirror)
- Measures towards “Antiragging” women safety and security – empowerment
- Systematic orientation and induction programmes, emphasis to discipline – handbooks
- Proactive students council and its activities.
- Earn while you learn scheme for the needy nursing students from rural areas
- Holistic approaches like save girl child, save tree, water and earth etc.
- Teaching of “art of living” “Yoga” and other stress relieving activities on the campus.
- Value added education for UG/PG students.
- Teaching of medical / dental code of ethics/ Ethical practices.
- Teaching of marketing and management of health care practices ( medical + dental) to students / Intern/ invitee/ expertise.
- Teaching / workshops on financial health for person / society / family through financial planner.
- Application of “CPA” Consumer Protection Act in medical / dental sciences.
- Digital record maintaining workshops.
- Teaching of clinical photography to medical and dental students through the invitee experts / faculty.
- Adopted secondary schools and special children schools for dental health awareness **and** treatment.



**Best Practices Governance leadership and Management**

- Benevolent management, participatory democratic approaches, decentralized leadership
- Functional committee systems involving students and other stake holders
- Proactive alumni forum, parent forum, and its activities
- Regular annual convocations and instituting gold medals for rank holder by management, conferment of honorary doctorate in recognition of service.
- Biometric attendance system
- 360<sup>0</sup> feedback analysis and thrust to e governance adoption of digital methods
- Cooperative movement, society, banking, welfare of staff
- Fee Fixation Committee as per GOI / MCI norms, chaired by a retired high court judge
- Vibrant MET unit and ECMC unit; CET cell, transparency in admission.
- Day care centre for kids on the campus
- Linkage with school / college to ensure admission from KG to PG at Loni/ Pravaranagar
- Initiation towards e-communication, e-governance, e-networking, PACS (admission, attendance, CIA, exams, salary, finance)
- Regular submission of annual reports and compliance report to UGC
- Follow-up all UGC/MHRD circulars.



**Presentation of Best Practices:**

**1. Title of the Practice –**

**Adoption of families in a village by a student for community oriented Medical education and community oriented health care (COME & COHE) and community academic partnership (CAP).**

**2. Objectives of the Practice –**

Early clinical & community exposure, ISR, value system, service, spirit of enquiry, documentation, family health records, Doctor at door step, stake holder network aiming at integrated rural development and comprehensive health care at micro level.

**3. The context –**

Need to provide health care in rural area at door steps, understanding the real life situation, early clinical and community health exposure, inculcation of values, national development and integration.

**4. The Practice-**

Adoption of village; five families by a student for next five years, regular visits, interaction, health education - personal & public, health care, linkage liaison, clinical learning, community learning, ISR, empathy and compassion, confidence building measures (CBM).

**5. Evidence of success –**

Very successful model. Both the parties of partnership are benefited. Enhances the attachment, social networking, understanding rural India and its need, service.

**6. Problems encountered and resources required –**

Nil

**7. Uniqueness –**

Healthcare at micro level, blend of education and service, involvement in rural development and national integration.



**Presentation of Best Practices:**

**1. Title of the Practice –**

**Gram Arogya Banks and Arogya Mitra – “Health care at door steps”**

**2. Objectives of the Practice –**

Provision of rural health care at door steps of the family. It is meant to empower the village volunteer to get training in basic medical service (signs and symptoms of common ailments, infectious and physiological disorders) further to aim at empowering them to carryout table side diagnostic methods, (temperature, blood pressure, sugar level etc.) and provide first aid, basic life support, new generic medicine for common ailments, advice on food and rest, quarantine, steps for prevention and control of spread. All the basic diagnostic tool and charts are provided in a kit. It acts as Arogya Bank. A place for its functioning is also identified. The volunteer act as a liaison between patients and hospital and is called Arogya Mitra.

**3. The context –**

Non availability of Health care during emergency in villages, avoidance of blind belief, dogmas, and inhuman treatment methods.

**4. The Practice-**

Training of human volunteer, preferably localites as Arogy Mitra. Identification of location to open Arogya Bank. Networking of stake holders.

**5. Evidence of success –**

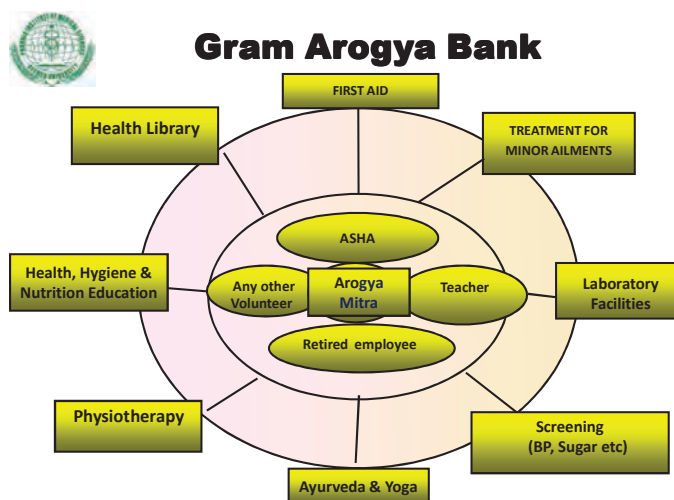
Confidence building, acceptability, self help, confidence of treatment, referrals to hospital, good personal and public health practices.

**6. Problems encountered and resources required –**

Initial hesitation and group politics at villages.

**7. Uniqueness –**

Concept and practice of Barefoot doctors & heath at door step – a means for surveillance.







## Pravara Institute of Medical Sciences Deemed University

University Established under section (3) of UGC Act  
NAAC Accredited with 'B' Grade (CGPA 2.57)

LONI - 413736, (Near Shirdi) Tal. Rahata,  
Dist. Ahmednagar (Maharashtra) India

Phone : +91-2422-271233, 272353  
Fax : +91-2422-273442  
E-mail : vcpims@pmtpims.org  
Homepage : <http://www.pravara.com>



- RURAL MEDICAL COLLEGE
- RURAL DENTAL COLLEGE
- DR. APJ ABDUL KALAM COLLEGE OF PHYSIOTHERAPY
- COLLEGE OF NURSING
- PRAVARA RURAL HOSPITAL
- CENTRE FOR SOCIAL MEDICINE
- CENTRE FOR BIO-TECHNOLOGY

*Dr. Shashank Dalvi, M.D., (P.S.M)*  
Vice - Chancellor

Ref:No.PIMS/R/2016/1164

Date: 15/09/2016

### Declaration by the Head of the Institution- University

I certify that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer term will validate the information provided in this SSR during the peer team visit.



Dr. S. D. Dalvi  
Vice-Chancellor  
PIMS (DU)

Place: Loni

Date: 15/09/2016



## Pravara Institute of Medical Sciences Deemed University

University Established under section (3) of UGC Act  
NAAC Accredited with 'B' Grade (CGPA 2.57)

LONI - 413736, (Near Shirdi) Tal. Rahata,  
Dist. Ahmednagar (Maharashtra) India

Phone : +91-2422-271233, 272353

Fax : +91-2422-273442

E-mail : vcpims@pmpims.org

Homepage : <http://www.pravara.com>



- RURAL MEDICAL COLLEGE
- RURAL DENTAL COLLEGE
- DR. APJ ABDUL KALAM COLLEGE OF PHYSIOTHERAPY
- COLLEGE OF NURSING
- PRAVARA RURAL HOSPITAL
- CENTRE FOR SOCIAL MEDICINE
- CENTRE FOR BIO-TECHNOLOGY

*Dr. Shashank Dalvi, M.D., (P.S.M)*

Vice - Chancellor

Ref.No.PIMS/R/2016/1163

Date: 15/09/2016

### Statement of Compliance (Deemed Universities)

This is to certify that Pravara Institute of Medical Sciences (Deemed University), has complied with all the provisions of the following Regulations governing it: \*. UGC( Institutions Deemed –to-be- Universities) Regulations 2010 and further amendments, if any, notified by the UGC\* Approval by the UGC and MHRD for main campus. Any false or misleading information provided by the institution, will be viewed seriously by NAAC and the accreditation given is liable to be withdrawn.



Dr. S. D. Dalvi  
Vice-Chancellor  
PIMS (DU)

Date: - 15/09/2016



Encl-I

(TO BE PUBLISHED IN THE GAZETTE OF INDIA PART-I SECTION-3)

No.F.R-11/2000-U.3  
Government of India  
Ministry of Human Resource Development  
Department of Secondary & Higher Education

Shastri Bhawan, New Delhi.  
29 September 2003

**NOTIFICATION**

In exercise of the powers conferred by Section 3 of the University Grants Commission Act, 1956 (3 of 1956), the Central Government, on the advice of the University Grants Commission, hereby declare the Pravara Institute of Medical Sciences, Loni, Dist. Ahmednagar, Maharashtra as Deemed to be University for the purpose of the aforesaid Act with immediate effect subject to a review after three years.

(Ravi Mathur)

Joint Secretary to the Government of India

The Manager,  
Government of India Press,  
Faridabad (Haryana).

Copy forwarded for information to: -

1. The Secretary, University Grants Commission, New Delhi.
2. The Principal/Director, Pravara Institute of Medical Sciences, P.O. Loni BK-413736 Dist. Ahmednagar Maharashtra.

"The grant of provisional status of Deemed to be University to Pravara Institute of Medical Sciences, Loni, Dist. Ahmednagar, Maharashtra is subject to the condition that it will adhere to the guidelines / instructions issued by UGC & AICTE from time to time as applicable to Deemed Universities."

3. The Principal Secretary, Department of Technical & Higher Education, Government of Maharashtra, Mantralaya, Mumbai 400032.
4. All Ministries/Departments of the Government of India.
5. All State Governments and Union Territories.
6. Registrars of all Universities & Deemed Universities.
7. Press Information Bureau, Shastri Bhawan, New Delhi.
8. The Secretary-General, Association of Indian Universities, AIU House, 16 Kotia Marg, New Delhi 110002.
9. All officers/sections in Department of Secondary & Higher Education.
10. Guard file/Coordination Assistant/Notification file/NIC/NIEPA.

(P. Sukumar)

Deputy Secretary to the Government of India

01/20/2003/11/2000-U.3/11/2000-U.3







Encl- II/5

(TO BE PUBLISHED IN THE GAZETTE OF INDIA PART-I SECTION-1)

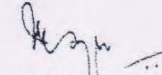
No.F.9-28/2004- U.3  
Government of India  
Ministry of Human Resource Development  
Department of Secondary & Higher Education  
\* \* \*

Shastri Bhawan, New Delhi.  
31<sup>st</sup> May 2005

**NOTIFICATION**

In continuation of this Ministry's notifications number F. 9-11/2000-U.3 dated 29.9.2003 and 22.7. and in exercise of the powers conferred by Section 3 of the University Grants Commission Act, 1956, the Central Government, on the advice of the University Grants Commission, hereby declare that the following two institutions are included under the ambit of Pravara Institute of Medical Sciences, Loni, (Deemed to be University) with immediate effect: -

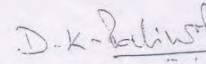
- 1) Centre for Biotechnology
- 2) Centre for Social Medicines

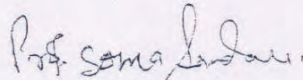
  
(Sunil Kumar)  
Joint Secretary to the Government of India

The Manager,  
Government of India Press,  
Faridabad (Haryana).

Copy forwarded for information to: -

1. The Secretary, University Grants Commission, New Delhi.
2. The Principal / Director, Pravara Institute of Medical Sciences, PO Loni BK-413736 Dist. Ahmednagar, Maharashtra.
3. Principal Secretary, Department of Technical & Higher Education, Government of Maharashtra, Mantralaya, Mumbai 400032.
4. The Secretary, Medical Council of India, New Delhi.
5. The Secretary, Dental Council of India, New Delhi.
6. The Registrar, Maharashtra University of Health and Sciences, Gangapur Road, Anandvalli, Nasik 422005
7. All Ministries/Departments of the Government of India.
8. All State Governments and Union Territories.
9. Registrars of all Universities & Deemed Universities.
10. Press Information Bureau, Shastri Bhawan, New Delhi.
11. The Secretary-General, Association of Indian Universities, AIU House, 16 Kotla Marg, New Delhi 110002.
12. Guard file/Coordination Assistant/Notification file/NIC.

  
(D. K. Paliwal)  
Deputy Educational Advisor



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Copy to Ahmednagar

31.5.2005

31.5.2005

31.5.2005

Copy to Ahmednagar

31.5.2005





Annexure VII

( TO BE PUBLISHED IN THE GAZETTE OF INDIA PART-I SECTION 1 )

No. F.9-11/2002-U.3  
Government of India  
Ministry of Human Resource Development  
(Department of Higher Education)  
U.3(A) Section

Shastri Bhawan, New Delhi-1,  
Dated the 27<sup>th</sup> June, 2008.

NOTIFICATION

Whereas "~~Pravara Institute of Medical Sciences (PIMS)~~", P.O. Loni, Distt. Ahmednagar, Maharashtra comprising of following constituent units was declared as an institution "Deemed to be university" under Section 3 of the University Grants Commission (UGC) Act, 1956 vide this Ministry's notification of even number dated the 29<sup>th</sup> September, 2003 subject to certain conditions that included a review after three years;

- 1) Rural Medical College, Loni.
- 2) Rural Dental College, Loni.
- 3) College of Physiotherapy, Loni.
- 4) College of Nursing, Loni.
- 5) Centre for Biotechnology.
- 6) Centre for Social Medicines.

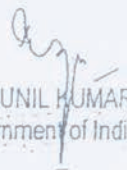
2. And whereas, the UGC has reviewed the functioning of the "Pravara Institute of Medical Sciences (PIMS)" consisting of the above mentioned constituent units through an Expert Committee constituted for this purpose;

3. And, whereas, on the basis of the report of the Expert Committee, the UGC have recommended continuation of the status of 'Deemed-to-be-University' to "Pravara Institute of Medical Sciences (PIMS)".

4. Now, therefore, the Central Government, in exercise of the powers conferred by Section 3 of the UGC Act, 1956, and on the advice of the UGC in the matter, does hereby accord approval to the continuance of "Pravara Institute of Medical Sciences (PIMS)" comprising of aforesaid constituent units as an institution "deemed-to-be-university" for the purpose of the aforesaid Act, strictly in terms of this



Ministry's notification of even number dated the 29<sup>th</sup> September, 2003 subject to the conditions that they will adhere to the norms and guidelines prescribed by the UGC and the Medical Council of India, Dental Council of India and other Statutory Councils, from time to time, as are applicable to the institutions declared as "deemed-to-be-universities" under Section 3 of the UGC Act, 1956. The declaration made in para 4 above shall be subject to further conditions that are mentioned at Sl No. 4 of the endorsement of this notification.

  
(SUNIL KUMAR)  
Joint Secretary to the Government of India

The Manager,  
Government of India Press,  
Faridabad (Haryana).

Copy forwarded to:-

1. The Secretary, University Grants Commission, New Delhi.
2. The Director, Distance Education Council, Indira Gandhi National Open University, Maidan Garhi, New Delhi.
3. The Member Secretary, All India Council for Technical Education, Indira Gandhi Stadium, I. P. Estate, New Delhi – 110002.
4. The Vice-Chancellor, Pravara Institute of Medical Sciences (PIMS), P.O. Loni BK, Taluka Rahata, Dist. Ahmednagar, Maharashtra. The declaration made as in Para 4 of this Notification shall be subject to fulfillment of the following conditions:-

- (i) The PIMS shall amend / update its Memorandum of Association (MoA) and Rules, as and when necessary, in consultation & concurrence with the UGC. The PIMS shall also carry out amendments / improvements, if any, suggested by the Government of India or the UGC, in its MoA/Rules;
- (ii) The PIMS shall not offer any distance education programme or open study centres without obtaining prior approval of the Distance Education Council (DEC) and the UGC;
- (iii) The PIMS shall not also open or operate any off campus or off shore campus centres without obtaining the prior approval of the UGC and the Government of India.



- (iv) The academic programmes offered or to be offered by PIMS will conform to the norms and standards prescribed by the relevant Statutory Councils;
- (v) The PIMS shall not offer / award, as the case may be, any degrees that are not specified by the UGC. It shall also ensure that the nomenclatures of the degrees, etc. to be awarded by it are specified by the UGC under Section 22 of the UGC Act, 1956.
- (vi) All the prescribed norms and procedures of the relevant Statutory Councils and other authorities concerned in the matter of admission of students, intake capacity of students, starting of new courses/ programmes, renewal of approval to the courses, etc. will continue to be in force, and shall be adhered to by the PIMS. The PIMS shall take all necessary steps to comply with the observations and suggestions, if any, of the Expert Committee of the UGC as made out in its relevant Inspection Report:

5. The Principal Secretary, Department of Technical & Higher Education, Government of Maharashtra, Mantralaya, Mumbai – 400032.
6. The Registrar, Pravara Institute of Medical Sciences (PIMS) Loni BK, Taluka Rahata, Dist. Ahmednagar, Maharashtra.
7. Press Information Bureau, Shastri Bhawan, New Delhi.
8. The Secretary General, Association of Indian Universities, AIU House, 16, Kotla Marg, New Delhi-2.
9. Web Master, Department of Higher Education, Shastri Bhawan, New Delhi. It is requested that CMIS Unit may kindly be instructed to display the Notification on the website (Home site) of the Department.
10. Guard file / Notification file.

  
(Upamanyu Basu)  
Director





Encl- II/1 1

Phone : 25367033, 25367035, 25367036  
Fax : 25367033, 25367035, 25367036  
E-mail : www.mciindi.org, mci@bol.net.in  
Website : www.mciindia.org



पॉकट - 14, सेक्टर - 8,  
द्वारका फेज - 1  
नई दिल्ली-110 077  
Pocket- 14, Sector- 8,  
Dwarka Phase - 1  
New Delhi-110077

**भारतीय आयुर्विज्ञान परिषद्  
MEDICAL COUNCIL OF INDIA**

No. MCI-37(1)(I-11)(UG)/2015-Med./ 109034

Date: 15/5/16  
Item No. 73

The Secretary,  
Govt. of India,  
Ministry of Health & Family Welfare,  
Nirman Bhawan,  
New Delhi - 110011.

**Sub:- Increase of seats in MBBS course from 125-200 at Rural Medical College, Loni, Maharashtra for the academic session 2016-17- req.**

Sir,

I am directed to inform you that an assessment to assess the physical and other teaching facilities available for grant of Letter of Permission for Increase of seats in MBBS course from 125-200 u/s 10A of the IMC Act, 1956 for the academic session 2016-17 at Rural Medical College, Loni, Maharashtra was carried out by the Council assessors on 27<sup>th</sup> & 28<sup>th</sup> April, 2016. The assessment report was considered by the Executive Committee at its meeting held on 13.05.2016 and it was decided as under:-

"The Executive Committee of the Council considered the assessment report (27 & 28.04.2016) and decided to recommend to the Central Govt. to issue Letter of Permission for increase of MBBS seats from 125 to 200 u/s 10A of the IMC Act, 1956 in respect of Rural Medical College, Loni, Maharashtra under Pravara Institute of Medical Sciences (Deemed University), Ahmednagar for the academic year 2016-2017....."

Two copies of assessment report are enclosed herewith.

Yours faithfully,

*S. Savitha*  
(S. Savitha)  
Assistant Secretary



Encl-II/12  
185

F.No.V12017/84/2005-DE  
Government of India  
**Ministry of Health & Family Welfare**  
(Dental Education)

Nirman Bhavan, New Delhi  
Dated the 19th June, 2012

To,  
The Trustee & Secretary,  
Pravara Institute of Medical Sciences (Deemed University)  
Tal. Rahata, Dist. Ahmednagar-413736,  
Maharashtra.

Subject: Recognition of BDS awarded by Pravara Institute of Medical Sciences (Deemed University), Loni in respect of BDS students of Rural Dental College, Loni with increased intake capacity of 60 to 100 seats, if granted on or after 22.03.2012 - reg.

Sir,

I am directed to refer to Dental Council of India's letter No.DE-3(61)-2012/A-1089 dated 29.05.2012 on the subject cited above and to convey the approval of the Central Government to the recommendation of Dental Council of India for recognition of BDS Degree awarded by Pravara Institute of Medical Sciences (Deemed University), Loni in respect of BDS students of Rural Dental College, Loni with increased intake capacity of 60 to 100 seats, if granted on or after 22.03.2012.

2. This issues with the approval of competent authority.

Yours faithfully,

(Anita Tripathi)

Under Secretary to the Government of India

Copy for information to:-

1. The Secretary, Dental Council of India, Kotla Road, New Delhi.
2. The Secretary, Medical Education & Drugs Department, Government of Maharashtra, Mantralaya, Mumbai-400032.
3. The Director, Department of Medical Education & Drugs, Government of Maharashtra, Mantralaya, Mumbai.
4. The Registrar, Pravara Institute of Medical Sciences (Deemed University), Loni-413736, Tal. Rahata, Dist. Ahmednagar, Maharashtra.
5. The Secretaries (Health)/Director(ME) of all States/Union Territories/ Notification Folder/Guard File.

(Anita Tripathi)

Under Secretary to the Government of India

To office records  
G  
03.07.12





Encl- II/3



**MAHARASHTRA STATE COUNCIL**  
FOR OCCUPATIONAL THERAPY & PHYSIOTHERAPY, MUMBAI  
महाराष्ट्र राज्य व्यवसायोपचार व भौतिकोपचार परिषद, मुंबई  
St. George's Hospital, Behind C.S.T. Station, Ph. 22620408 Mobil No.9224586392  
Email ID - otptcouncil@gmail.com

No.OTPT/Council/Regd-Loni /15/972

Date: - 27 October 2015

To,  
The Principal  
Pravara Institute of Medical Sciences,(Deemed University)  
College of Physiotherapy,  
Ahmednagar, Loni - 413736.

**Sub :-** Information of College Inspection.  
**Ref :-** CPT/2015/15319/ Date 04/07/2015.

Sir,

With reference to above subject, I have to inform you that, inspection of your college was held on 20/08/2015 and the inspection report was verified by Office.

Your college is recognized for BPT Course with intake capacity of 50, MPT Course with intake capacity of 15.

Further, enhancement of BPT Course with intake capacity from 50 to 60 has been approved.

Dr. P. H. Shingare  
President  
Maharashtra State OT/PT Council,  
Mumbai.



Encl-II/4

भारतीय नर्सिंग परिषद्  
संयुक्त परिषद् भवन, कोटला रोड,  
टेम्पल लेन, नई दिल्ली - 110002



**INDIAN NURSING COUNCIL**  
COMBINED COUNCIL BUILDING, KOTLA ROAD,  
TEMPLE LANE, NEW DELHI - 110002

स्वास्थ्य एवं परिवार कल्याण मंत्रालय के तहत शैक्षिक निकाय  
Statutory Body under the Ministry of Health & Family Welfare

File No. 02/Apr 2016-INC

Dated:- 05-04-2016

To

// Original //

1. The Principal Secretary,  
Govt. Of Maharashtra, Medical Edu.  
& Drugs Deptt., Mantralaya, Mumbai  
- 32, Maharashtra.
2. The Registrar,  
Maharashtra Nursing Council, Iind  
Floor E S I S Hospital Compound,  
Nurses Hostel Lal Bahadur Shastri  
Marg Mulund West Mumbai- 400080  
Maharashtra.

Subject: Establishment of Pravara Institute Of Medical Sciences , School Of Nursing,  
Loni Bk Tal- Rahata Ahmednagar 413736 -reg .

Sir/Madam,

The Indian Nursing Council conducted inspection by physical verification of the above  
said institution for recognition of following programmes.

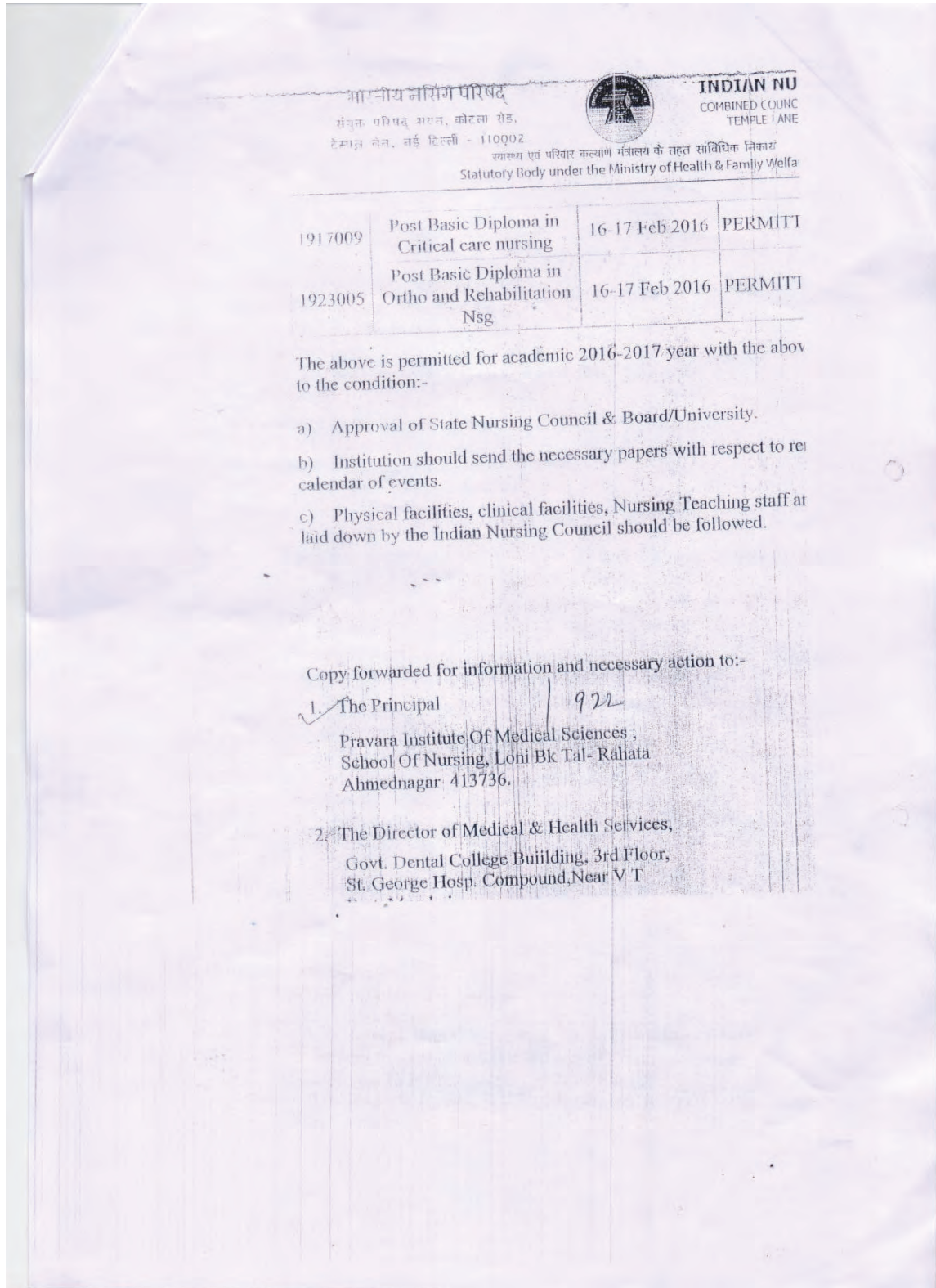
School Code	Program Name	Date Of Inspection	Status	Seats
1902036	GNM	16-17 Feb 2016	PERMITTED	100 (ONE HUNDRED)
1903002	B. Sc (N)	16-17 Feb 2016	PERMITTED	50 (FIFTY)
1904012	M. Sc (N)	16-17 Feb 2016	PERMITTED	25 (TWENTY FIVE) MED-SURG-5 CHN-5 PAED-5 OBG-5 PSY-5
1910005	P.B BSC(N)	16-17 Feb 2016	PERMITTED	25 (TWENTY FIVE)

नर्सिंग शिक्षा के समान स्तर को प्राप्त करने का प्रयास

Striving to achieve uniform standards of Nursing Education

Website: [www.indiannursingcouncil.org](http://www.indiannursingcouncil.org) E-mail: [secy.inc@gov.in](mailto:secy.inc@gov.in)  
Phone: 011-23235570, 23235619, 23220075, 23220076 Fax: 011-23236140







ראש הקתדרה: פרופ' אמנון כרמי  
Chairholder: Prof. Amnon Carmi

הקתדרה לביו-אתיקה של אונסקו  
UNESCO Chair in Bioethics

המרכז הבינלאומי לבריאות, משפט ואתיקה, הפקולטה למשפטים, אוניברסיטת חיפה  
The International Center for Health, Law and Ethics, University of Haifa

*Encl-III*

10<sup>th</sup> August 2015

*Professor Dr Shashank D. Dalvi  
Vice Chancellor  
Head Bioethics Unit of the  
UNESCO Chair in Bioethics Haifa  
Pravara Institute of Medical Sciences (Deemed University)  
Loni Maharashtra  
India*

*Professor Russell D'Souza  
Head Asia Pacific Program  
Melbourne Australia*

*Esteemed colleagues,*

*On establishing the requirements of the UNESCO Chair in Bioethics (Haifa) being met, I hereby issue this writ confirming and approving the establishment of the Bioethics Unit of the Indian Program of the UNESCO Chair and of the International Bioethics Network of the UNESCO Chair in Bioethics at:*

**Pravara Institute of Medical Sciences (Deemed University)**

Loni- 413736  
District Ahmednagar,  
Maharashtra India

*Amnon Carmi*

**Professor Amnon Carmi,  
Head, & Chair Holder  
UNESCO Chair in Bioethics**





**ABBREVIATIONS USED WITH REFERENCE TO  
PRAVARA INSTITUTE OF MEDICAL SCIENCES  
(DEEMED UNIVERSITY), LONI(BK)**

AAA	:	Academic and Administrative Audit
ACLS	:	Advance Cardiac Life Support
AIDS	:	Acquired Immuno Deficiency Syndrome
AMC	:	Annual Maintenance Contract
AQAR	:	Annual Quality Assurance Report
ARCMR	:	Animal Resource Center for Medical Research
ART	:	Anti Retroviral Therapy
AYUSH	:	Ayurveda Yoga Unanai Siddha and Homeopathy
BLS	:	Basic Life Support
BOAE	:	Board of Appointment of Examiners
BOE	:	Board of Examination
BOM	:	Board of Management
BOS	:	Board of Studies
CAL	:	Computer Assisted Learning
CAP	:	Community Academic Partnership
CBL	:	Community Based Learning
CBT	:	Centre for Biotechnology
CCL	:	Central Clinical Laboratory
CD/DVD	:	Computed Disc
CDD	:	Curriculum Design and Development
CDE	:	Continuing Dental Education
CEO	:	Chief Executive Officer of PIMS-DU
CM	:	Clinical Meeting
CM	:	Community Medicine
CME	:	Continuing Medical Education
CMLT	:	Certificate in Medical Laboratory Technician
CN	:	Community Nursing
CNE	:	Continuing Nursing Education
COE	:	Controller of Exam of PIMS-DU
HOD/Dean/HOI:	:	Head of the Department, Head of the Institution
COME	:	Community Oriented Medical Education
CON	:	College of Nursing





COPT/CPT	:	College of Physiotherapy
CPC	:	Clinical Pathological Conference
CPE	:	Continuing Physiotherapy Education
CSM	:	Centre for Social Medicine
CSSD	:	Central Sterile Supply Department
CT	:	Computed Tomography
DCI	:	Dental Council of India
DER	:	Departmental Evaluative Report
DMLT	:	Diploma in Medical Laboratory Technician
DOAR	:	Department of Atomic Research
DOTS	:	Direct Observation Treatment Scheme
EBL/EBM	:	Evidence Based Learning/Methods
ECG	:	Electro Cardio Gram
ECHO	:	Echocardiography
ECMC	:	Education Communication Media Centre
EDP/C	:	Entrepreneurship Development Programme/Cell
EDP/FIP/FEP Programme	:	:Faculty Development/Improvement/ Enrichment
EEG	:	Electro Encephalo Gram
EMR	:	Electronic Medical Record
ENT	:	Ear, Nose and Throat
FC	:	Finance Committee
FMT	:	Forensic Medicine and Toxicology
FNAC	:	Fine Needle Aspiration Cytology
GCP	:	Good Clinical Practice
GD	:	Group Discussion
GHM	:	Government Health Mission
GHP	:	General Health Practitioner
GLP	:	Good Laboratory Practice
GO	:	Government Organization
GOI	:	Government of India
GOM	:	Government of Maharashtra
HIV	:	Human Immuno Deficiency Virus
HOD/Dean/Principal:	:	Head of the Department/Dean/Principal of the constituent



HRD/HR	:	Human Resource Development/Human Resource
I/N/S/U/C	:	International/National/State/University/College
ICCU	:	Intensive Coronary Care Unit
ICMR STS	:	Indian Council of Medical Research Short Term Scholarship
ICMR	:	Indian Council of Medical Research
ICU	:	Intensive Care Unit
IDA	:	Indian Dental Association
IEC	:	Information Education and Communication
IMA	:	Indian Medical Association
INA	:	Indian Nursing Association
INC	:	Indian Nursing Council
INFLIBNET	:	Information and Library Network
INVENTUM PIMS-DU,	:	National Level convention of UG-PG Researchers at
IPD	:	In Patient Department
IPR	:	Interpersonal Relationship/Intellectual Property Right
IT/ICT & Technology	:	Information Technology/Information, Communication
LAN	:	Local Area Network
LMS	:	Learning Management System
LR	:	Learning Resource
MCH	:	Maternal and Child Health
MCI	:	Medical Council of India
MET	:	Medical Education Technology
MHEW	:	Ministry of Health and Family Welfare
MHRD	:	Ministry of Human Resource Development
MIS	:	Management Information System
MNC	:	Maharashtra Nursing Council
MOU	:	Memorandum of Understanding
MRI	:	Magnetic Resonance Image
MS	:	Medical Superintendent of PIMS-DU,Pravara Rural Hospital
MSW	:	Medical Social Worker
MUHS	:	Maharashtra University of Health Sciences



NAAC	:	National Assessment and Accreditation Council
NABH Care Providers	:	National Accreditation Board for Hospitals and Health
NABL Laboratories	:	National Accreditation Board for Testing and Calibration
NACO	:	National AIDS Control Organization
NEET	:	National Eligibility Entrance Test
NGO	:	Non Governmental Organization
NICU	:	Neonatal Intensive Care Unit
NIP/PPP	:	National Immunization Programme/Pulse Polio Programme
NRHM	:	National Rural Health Mission
NS	:	Nursing Superintendent of PIMS-DU, Pravara Rural Hospital
OBGY	:	Obstetric and Gynecology
OPAC	:	Online Public Access Catalogue
OPD	:	Out Patient Department
OSCE	:	Objective Structured Clinical Examination
OSPE	:	Objective Structured Practical Examination
OT	:	Operation Theatre
PACS	:	Picture Archiving Communication System
PALS	:	Pediatric Advance Life Support
PBL	:	Problem Based Learning
PCDA	:	Plan – Check – Do – Act
PG	:	Postgraduate
PGCET	:	Post Graduate Common Entrance Test
PGD	:	Post Graduate Diploma
PHC	:	Primary Health Center
PhD	:	Doctor of Philosophy
PHD	:	Public Health Dentistry
PICU	:	Pediatric Intensive Care Unit
PIMS(DU)/PIMS-DU	:	Pravara Institute of Medical Sciences(Deemed University)
PMB	:	Planning and Monitoring Board
PMT	:	Pravara Medical Trust
POSH	:	Prevention of Sexual Harassment



PRH	:	Pravara Rural Hospital
Pro VC	:	Pro Vice Chancellor of PIMS-DU
PTA	:	Parent Teacher Association
PURA	:	Providing Urban Facilities in Rural Areas
RDC	:	Rural Dental College
RGJAY	:	Rajiv Gandhi Jeevandaya Arogya Yojna
RHC	:	Rural Health Center
RHTC	:	Rural Health Training Center
RIS	:	Research Incentive Scheme
RMC	:	Rural Medical College
RMO	:	Resident Medical Officer of PIMS-DU/Pravara Rural Hospital
RNTCP	:	Revised National Tuberculosis Control Programme
S/S/C/W	:	Seminar/Symposium/Conference/Workshop
SDL	:	Self Directed Learning
SDP/SIP/SEP	:	Student Development/Improvement/Enrichment Programme
SGO	:	Semi Government Organization
SGT	:	Small Group Teaching
SHAPE	:	School Health Action and Environment Programme
SIDA	:	Swedish International Development Corporation Agency
SOP	:	Standard Operating Procedure
SSP	:	Student Support Progression
SSR	:	Self Study Report
STC	:	Short Term Certificate
STTP	:	Short Term Training Programme
THC	:	Tribal/ Training Health Center
TLE & R&D-E	:	Teaching Learning Evaluation and Research and Development
TLE	:	Teaching Learning Evaluation
UG	:	Undergraduate
UGC	:	University Grant Commission
UGCET	:	Under Graduate Common Entrance Test
UHTC	:	Urban Health Training Center
UNESCO	:	United Nations Educational, Scientific and Cultural



		Organization
USG	:	Ultrasonography
VC	:	Vice Chancellor of PIMS-DU
WAN	:	Wide Area Network
WHO	:	World Health Organization



# Padmashri Dr. Vitthalrao Vikhe Patil - the founder of Pravara Medical Trust

Born in the drought prone district of Ahmednagar, in Maharashtra (Western India), in an ordinary peasant family, padmashri Dr. Vitthalrao Vikhe patil, Was deeply moved by the pathetic conditions of the rural masses. He was also sure of the immense wealth of resources latent within the humble rural people, which could be tapped to combat poverty, illiteracy and the disease. He decided to lead from the front. He envisaged, a movement, to uplift the rural mass.

His lack of formal education, did not deter him from his chosen path. With his untiring efforts and the unflinching support from stalwarts like Shri Vaikunthabhai Mehta and Shri. D.R.Gadgil, the first industrial co-operative venture in Asia, named Pravara Co-operative Sugar Factory was started in 1949. The immense potential of the Pravara experiment was recognized and appreciated by Pandit Jawaharlal Nehru as early as in the year 1961 during his visit to Pravaranagar.

In resonance, with his altruistic tendencies, he also established Pravara Medical Trust in 1972. He laid the foundation for educational & health care services hub in this remote & backward part of the Maharashtra.

The revered Padmashree, continues to inspire & bless us in our endeavors for the cause of humanity. We pay rich Tribute to the rare visionary in him.





# Our Hon'ble Managing Trustee



## **Think Globally - Act Locally**

The spectrum of Pravara movement, is being carried ahead through, hard work and dedication by Padmashri's worthy son, Shri Balasaheb Vikhe Patil, the Hon'ble Chancellor of the pravara Institute of Medical Sciences, Deemed University. What started as small step in 1949, soon developed into an approach that has since been widely recognized as "The Pravara Model of Integrated Rural Development" and has won national and international accolades.

While Working with Padmashri, Shri Balasaheb Vikhe Patil, realized, the urgent need for the organized activities in many social areas to build a healthy, industrious and prosperous society, A comprehensive rural health care & education model, was the natural consequence of this realization. It is, with his untiring efforts, that turned Loni, a small village hamlet in a vibrant township.

He is driven by Think Globally, Act locally ideology. It is under his dynamic leadership, that Loni, of today stands testimony to the provision of quality health care to the varied society & testimony to the provision of excellent medical & paramedical education. Taking into consideration, the quality of education, health care services & excellent research culture provided by the Pravara Medical Trust Institutions, the University Grants Commission recognized Pravara Institute of Medical Sciences, as the Deemed University, under section 3 of UGC Act 1956, in September 2003.

His ideas continue, to push the frontiers of minds and under his admirable guidance, the University shall continue, its pursuit to be the "University of Excellence"

**Dr. Shri. Balasahab Vikhe Patil**  
Padmabhushan Awardee



# Our Honorable Chancellor

## Dr. Vijay Kelkar

Padma Vibhushan Awardee



Dr. Vijay Kelkar, holds B. S. from University of Pune, India, 1963, M.S. from University of Minnesota, USA, 1965 and Ph.D from University of California at Berkeley, USA, 1970.

### Career

Dr. Kelkar has taught at Administrative Staff College of India, Hyderabad, Center for Economic Development and Administration, Kathmandu, Nepal, South Asia Institute, Heidelberg University, Germany and University of California, Berkeley

He has held various senior level positions in Government of India, as well as in international organizations.

1. Chairman, Forum of Federations, Ottawa
2. Chairman, India Development Foundation
3. Chairman, Finance Commission, India
4. Chairman, IDFC Private Equity, Mumbai
5. Advisor to minister of Finance, Government of India in the rank of a Minister of state, from August, 2002 to September, 2004
6. Executive Director for India, Sri Lanka, Bangladesh and Bhutan at the International Monetary Fund, Washington, D. C., USA from August, 1999 to August, 2002
7. Finance Secretary, Government of India, 1998 – 1999
8. Chairman, Tariff Commission, Government of India, 1997 – 1998
9. Secretary, Ministry of Petroleum & Natural Gas, Government of India, 1994 – 1997
10. Director & Coordinator, International Trade Division, UNCTAD, Geneva, Switzerland, 1991 – 1994
11. Chairman, Bureau of Industrial Costs & Prices and Secretary to the Government of India, New Delhi, 1987 – 1991
12. Secretary, Economic Advisory Council to the Prime Minister, Government of India, New Delhi, 1985 – 1988
13. Advisor, Economic Policy & Planning, Ministry of Petroleum & Natural Gas, Government of India, New Delhi, 1982 – 1987



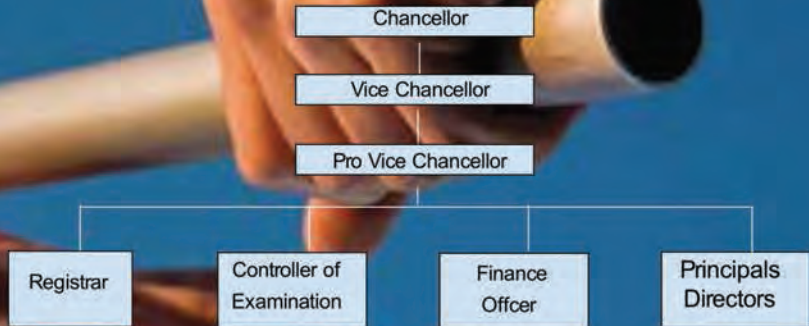
## Leadership

To carry out the mission goals of the University, following is the Organization chart :

### Pravara Medical Trust



### Pravara Institute of Medical Sciences



## Governance

The byelaws, rules and regulations, guide the governance of the University and its constituent institutions. Following are, the key Governing & Functional bodies.

Board of Management

| Advisory Committee | Planning & Monitoring Board

Finance Committee | Academic Council | Board of Examination | Fee Structure Committee





# Pravara Institute of Medical Sciences Deemed University







# Campus Environment







# Results & Rewarding Academic Excellence







# Alumni Association





# Sports, Cultural, Literary & Art activities







# Hostels & Guest Houses







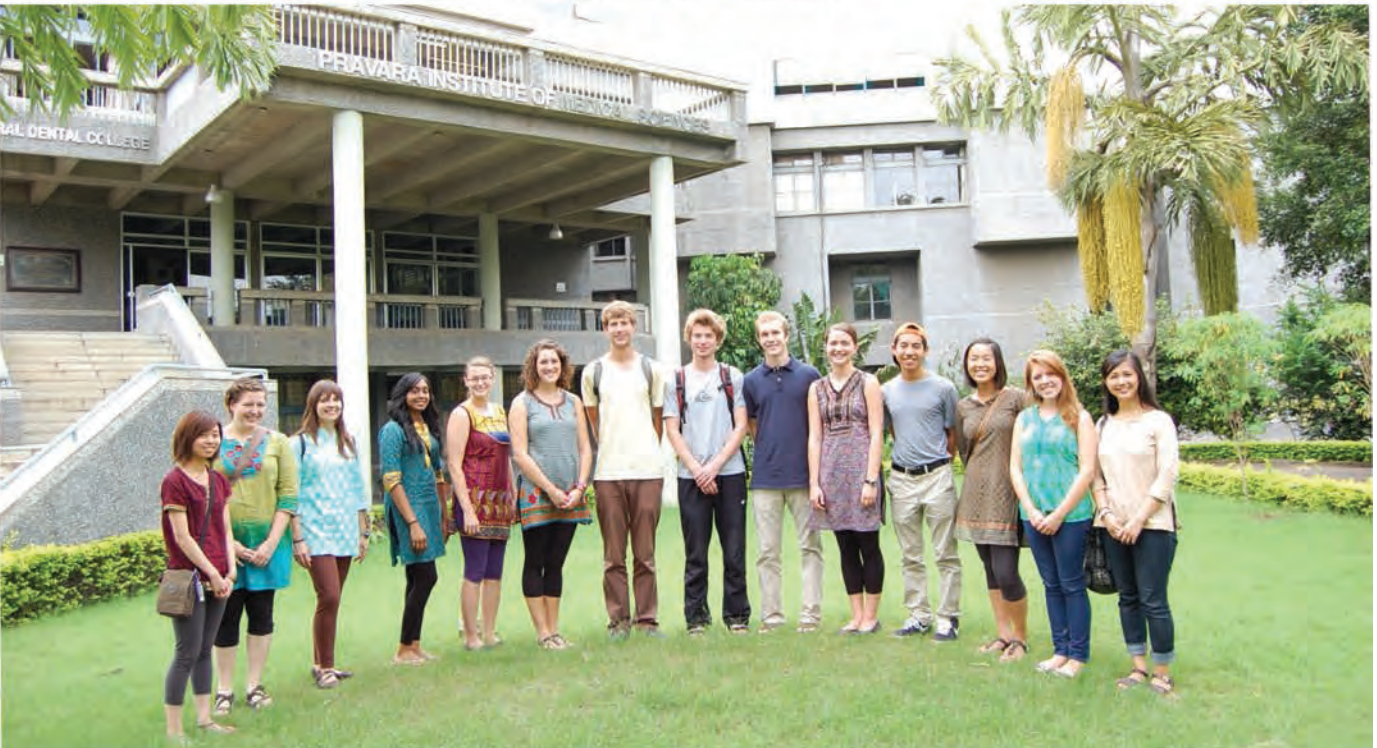




# International student's visit - Training & Research













# LOCATION MAP



- Well connected by State Highway  
Nashik - Ahmednagar
- Nashik - 100 Kms.
- Nearest Railway Station -  
Belapur 22 Kms.
- Loni to Mumbai - 325 km.
- Nearest Railway Junction -  
Manmad 85 Kms.
- Nearest Airport -  
Aurangabad -120 Kms.  
Pune Airport - 180 Kms.
- Shirdi - 25 Km











Dr. Balasaheb Vikhe Patil, President, Pravara Medical Trust, Loni, Receiving the **Padma Bhushan Award** on 31st March 2010 from Hon'ble her Excellency President of India, Shrimati Pratibhatai Patil.



**"Vayoshrestha Samman (National Award) - 2015"** Under Institutional Category for best institution for providing services to Senior Citizen & Awareness generation on 01 Oct. 2015 at Vigyan Bhawan, New Delhi by his Excellency President of India Hon'ble Shri. Pranab Mukherjee.





"Ten years of growth since this was first started, has not only shown marked growth but has begun to change the countryside. I would like people from other states to come here and see how a real co-operative is organised and run. This is an example for all India."

Jawaharlal Nehru  
15<sup>th</sup> May 1961



## Pravara Institute of Medical Sciences (Deemed University)

Established Under Section 3 of UG Act, 1956, vide MHRD notification no. F-9-11/2000-U.3, dated 29th September 2003

Loni - 413736, Tal. Rahata, Dist. Ahednagar, Maharashtra State, India

Phone : +91-2422-273600, 273486, Fax : +91-2422-273413

E-mail : [contact@pmtpims.org](mailto:contact@pmtpims.org)

Website : <http://www.pravara.com>

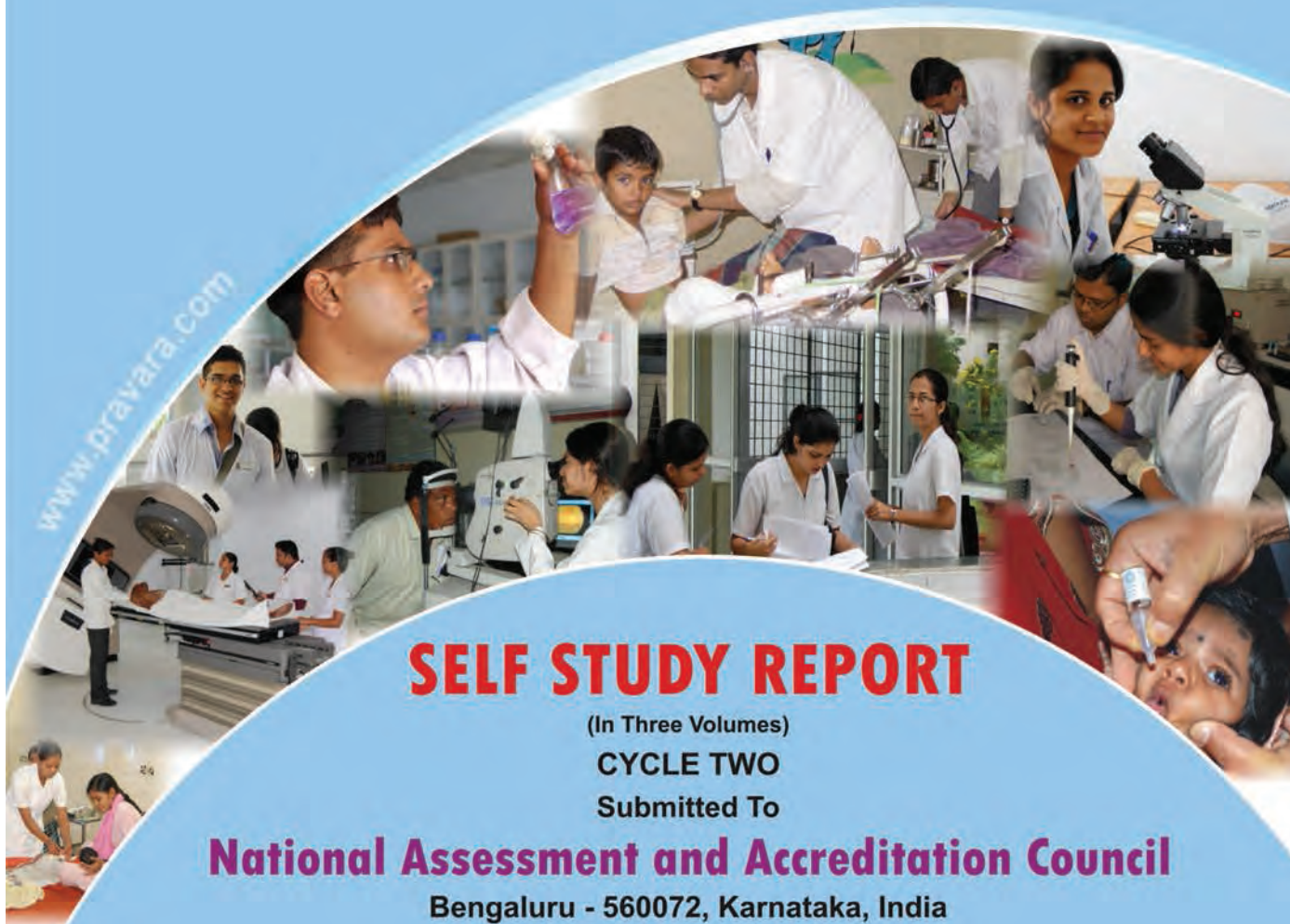




# Pravara Institute of Medical Sciences (Deemed University)

Established under section 3 of UGC Act 1956

vide Govt. of India notification no. F-9-11/2003-U0.3. dated 29th September 2003  
Loni Bk.-413736, Tal. Rahata, Dist. Ahmednagar, Maharashtra (India)



## SELF STUDY REPORT

(In Three Volumes)

CYCLE TWO

Submitted To

**National Assessment and Accreditation Council**

Bengaluru - 560072, Karnataka, India

**Volume - II**

**September 2016**





# *Tribute to the Rare Visionary*



## **Revered Padmashri Dr. Vitthalrao Vikhe Patil**

(29 August 1901 - 27 April 1980)

**Founder of First Co-operative Sugar Factory in Asia,  
Pravara Medical Trust &  
Pravara Movement in Health, Education &  
Inclusive Rural Development**

During the time that were barren and the turfs that  
were rough  
You emerged among the masses and lead from the  
front ....

Socio-economic empowerment of the downtrodden,  
You took it as your mission....

Untiring efforts and unflinching spirits with  
What you founded for that Pravara stands today....

The path that was uncharted,  
You walked all along stands sanctified....

Your legend now stands glorified across the  
frontiers  
And beyond the oceanic blues....

In each of our endeavors you inspire us and it is  
your blessings  
That keeps us on path, ever in pursuit of newer  
horizons....

We stand in all our humility and  
Pay our rich tribute to a rare visionary in you....

"Ten years of growth since this was first started, has not only shown marked growth but has begun to change the countryside. I would like people from other states to come here and see how a real co-operative is Organised and run. This is an example for all India."

**Jawaharlal Nehru**  
15<sup>th</sup> May 1961

*Social Justice Leads To Sustainable Development.....*





# Pravara Institute of Medical Sciences (Deemed University)

Established under section 3 of UGC Act 1956

vide Govt. of India notification no. F-9-11/2003-U0.3. dated 29th September 2003  
Loni Bk.-413736, Tal. Rahata, Dist. Ahmednagar, Maharashtra (India)

## SELF STUDY REPORT

(In Three Volumes)

CYCLE TWO

Volume - II

Evaluative Reports of the Departments  
of  
Rural Medical College

Submitted To

**National Assessment and Accreditation Council**

Bengaluru - 560072, Karnataka, India

September 2016



**PRAVARA INSTITUTE OF MEDICAL SCIENCES (DEEMED UNIVERSITY)**

Loni-413736, Tal. Rahata, Dist. Ahmednagar (Maharashtra)

**SELF STUDY REPORT**

(In Three Volumes)

Cycle – 2

**Table of Contents**

Volume – II

**RURAL MEDICAL COLLEGE, LONI**

Sr. No	Name of the Department	Page
<b>Pre-Clinical Departments</b>		
1.	Anatomy	01
2.	Physiology	13
3.	Biochemistry	23
<b>Para-Clinical Departments</b>		
4.	Pharmacology	35
5.	Pathology	41
6.	Microbiology	53
7.	Forensic Medicine and Toxicology	67
8.	Community Medicine	81
<b>Clinical Departments</b>		
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11.	General Surgery	125
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15.	Anesthesiology	177
16.	Radio diagnosis	189
17.	Obstetrics and Gynaecology	197
18.	Radiotherapy	211
<b>Volume I</b>	Contains Criteria-wise Analytical Report	
<b>Volume III</b>	Self Study Report Comprises of Departmental Evaluative Reports of Rural Dental College, Dr. A. P. J. Abdul Kalam College of Physiotherapy, College of Nursing, Center for Biotechnology and Center for Social Medicine - constituent units and reports of the units of support Services and facilities	
	List of Abbreviations and List of Annexure enclosed as per NAAC Manuals mandatory requirements	



# Rural Medical College









## Department of Anatomy



**Rural Medical College**  
**Pravara Institute of Medical Sciences**  
**(Deemed University)**





**Pravara Institute of Medical Sciences  
(Deemed University)  
Institution: Rural Medical College, Loni  
Departmental Evaluative Report Based on the date of 5 years: 2010-11 to 2015-16**

1.	<i>Name of the Department</i>											:	<b>Anatomy</b>		
2.	<i>Year of establishment</i>											:	1984		
3.	<i>Is the Dept. part of a School/Faculty of the university?</i>											:	Rural Medical College, Loni		
4.	<i>a) Names of programmes offered</i>											:	<b>As on this day</b>		
	<b>Prog.</b>	<b>Name of the Prog. Year of Establishment</b>				<b>Year of Establishment</b>		<b>Intake per year</b>		<b>Fresh enrollment for academic year</b>		<b>Total Student Strength</b>			
	UG	MBBS				1984		125		125		143			
	PG	MD, MSc. Anatomy				1991, 2010		-		Nil		Nil			
	Ph.D.	Medical Anatomy				2011		1		1		3			
	Total	4				-		126		126		146			
	<i>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies - as on this day</i>														
		Subject/ Course Anatomy				Total Hours of Teaching – Learning			No. of Papers & Practical to be Taught			Marks for University exam			
		Theory	Practical	Other	Total	Paper	Practical	Other	Paper	Practical	Viva	Dissertation	Total		
U	MBBS	215	360	75	650	2	180	-	100	40	20	-	160		
	BDS	100	120	55	275	1	65	-	70	90	-	-	160		
	BPTh	128	206	56	390	1	103	-	80	80	-	-	160		
	Nursing	13				1									
P	MD	-	-	-	-	4	180	-	400	200	-	√	600		
	M. Sc.	-	-	-	-	4	180	-	400	200	-	√	600		
	<i>c) Latest revision of curriculum/ syllabus in 2014-2016 Year and their salient features.</i>														
	<b>MBBS-2014</b>														
	To bring syllabus at par with MCI requirements														
	Change in the University level assessment. Total assessment was of out of 300 marks, it stands reduced to 200 marks; University Theory paper were two of 75 marks each, Now two papers 50 marks each; University Practical earlier was out of 100 marks now out of 60 marks; Internal assessment – Earlier Theory & Practical were 25 marks each, now they are 20 marks each. The practical viva marks will be added to theory total.														
	<b>MBBS-2016</b>														
	Change in the Theory paper question pattern content, i.e. no. of LAQs, SAQs & MCQs. MCQs were reduced from 20 to 10 with increase in marks from ½ to 1. Total marks for assessment remained same.														
	<i>d) Contribution of faculty to curriculum design and Development (CDD) as</i>														
	i) Member / chairman BOS/ Faculty/ BOE at parent university and other universities.														
	Parent University			Other University in side the state			Other University outside the State								
	BOS	BOE	AC	BOS	BOE	AC	BOS	BOE	AC						
	3	1	1	1	-	-	1	-	-						
	ii) Organization of CDD workshops at the Dept / University – <b>At dept. level once a year.</b>														
	iii) Participation in curriculum design and development workshops at university/Dept.- <b>All the staff members participate in the Curriculum development workshop.</b>														
5.	<i>Interdisciplinary programmes offered by the Department and department involved</i>														
	Name of Programs offered by our department							Involved Departments							



	Relearning Surgical Anatomy of Abdomen – 30 hours	Surgery						
	Relearning Orthopaedic Basic Anatomy – 30 hours	Orthopaedics						
	Relearning Radiodiagnostic Basic Anatomy - 30 hours	Radiodiagnosis						
	Relearning Obstetrical Basic Anatomy - 30 hours	Obst. & Gynaecology						
	Relearning ENT Anatomy - 30 hours	ENT						
	Relearning Surgical Anatomy of Orbit - 30 hours	Ophthalmology						
	Relearning Surgical Anatomy of Face and Neck - 32 Hours	Oral & Maxillofacial Surgery						
	<b>Nature of involvement: Conduct of Lecture Demonstration Class by faculty</b>							
6.	<i>Courses in collaboration with other universities, industries, foreign institution etc</i>	-						
7.	<i>Details of programs discontinued, if any with reasons</i>	Nil						
8.	<i>Examination System</i>	Annual						
9.	<i>Participation of the department in the courses offered by other departments</i>	The dept. participates in teaching anatomy subject to the students of I year BDS of Rural Dental College, 1st year BPT of Dr.APJ AK College of Physiotherapy, 1st year BSc Nursing student from College of Nursing of PIMS DU in the same campus.						
10.	<i>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</i>							
	<i>(a) Teachers</i>							
	<b>S.N.</b>	<b>Required as per MCI</b>			<b>Actual Faculty Strength (Recruited or filled)</b>			
			<b>Male</b>	<b>Female</b>	<b>Total</b>			
	<i>I</i>	Professor	1	1	1	2		
	<i>II</i>	Associate Professor	2	1	2	3		
	<i>III</i>	Assistant Professor	3	0	3	3		
	<i>Sub Total ( I to III)</i>		6	2	6	8		
	<i>IV</i>	Demonstrator	4	0	3	3		
	<i>V</i>	Tutor	-	Nil	Nil	Nil		
	<i>VI</i>	Senior Resident	-	NA	NA	NA		
	<i>VII</i>	Junior Resident	-	NA	NA	NA		
	<i>Sub Total ( i to vii)</i>		4	0	3	3		
	<i>Grant Total ( i to vii)</i>		10	2	9	11		
	<i>(b)</i>							
	<i>Qualification Profile of Teachers</i>			<b>M</b>	<b>F</b>	<b>Total</b>		
	<i>With P.G. Degree Only</i>			2	5	7		
	<i>With higher qualification than PG (Ph.D/D.Sc.)</i>			0	2	2		
	<i>Teachers Pursuing Higher Degrees</i>			-	2	2		
11	<i>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</i>							
	<i>a) Faculty (as UG/PG teachers) (Internal):</i>							
	<b>Sr. No</b>	<b>Name of Teaching Staff</b>	<b>Quali.</b>	<b>Design.</b>	<b>Area of Special<sup>n</sup></b>	<b>Teaching Experience in Years</b>	<b>No. of PG Students</b>	
							<b>Guiding</b>	<b>Guided</b>
	1.	Dr. R .N.	MS	Prof.	Anatomy	21	Nil	2



	Wabale								
2.	Dr.Mrs.SK. Chavan	MS	Prof.	Anatomy	19	Nil	1		
3.	Dr.Mohini M Joshi	MD	Asso.Prof.	Anatomy	12	Nil	Nil		
4.	Dr.Rajeev R Desai	MD	Asso.Prof.	Anatomy	9	Nil	Nil		
5.	Dr.Rohini Pawar	MD	Asso.Prof.	Anatomy	9	Nil	Nil		
6.	Dr.Mrs. SA Gunnal	MSc. PhD	Asst.Prof.	Anatomy	12	Nil	Nil		
7.	Dr.Surekha B Arjun	MD	Asst.Prof.	Anatomy	5	Nil	Nil		
8.	Dr.Varsha T Sholapurkar	MD,DNB	Asst.Prof.	Anatomy	3	Nil	Nil		
9.	Mrs.Rakhi Dhongade	MSc.	Demonst.	Anatomy	6	Nil	Nil		
10.	Dr.Mrs.Kamal D Pawar	MSc.	Demonst.	Anatomy	1	Nil	Nil		
11.	Dr.Mrs.Ashwini Rajeev Desai	MSc.	Demonst.	Anatomy	1	Nil	Nil		
<b>(b) Faculty of the Department as Ph.D. Guides (Internal as well as External) (as on this day)</b>									
Sr. No.		Name of the Ph.D. Guide		External or Internal		No. of Ph.D. Students of University			
						Guiding		Guided & Awarded	
1.		Dr. R. N. Wabale		Internal		1		Nil	
12	<b>List of senior Visiting Fellows, adjunct faculty, emeritus professors : (as on this day)- Nil</b>								
13	<b>Percentage of classes taken by temporary faculty programme wise:</b>						:	<b>Nil</b>	
14	<b>Programme wise Teacher Student Ratio</b>						:	<b>Teacher Student Ratio</b>	
		<b>Programme</b>							
		<b>UG</b>				<b>1:23</b>			
		<b>Ph.D.</b>				<b>1:1</b>			
15	<b>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</b>								
Sr. No		Staff	Name of the Post	Required as per statutory Bodies		Filled / Actual			
						M	F	Total	
1	Administrative	1	1	0	1	1			
2	Technical	3	1	2	1	1			
3	Support	5	4	5	0	5			
	Total	8	6	7	2	9			
16	<b>Research thrust areas as recognized by the Department (as on this day)</b>								
<b>Microanatomy in three Dimension:</b>									
The primary aim of studying histology is to understand the organization of the tissue at microscopic level. This									





	<p>traditionally is done with the help of slides, which is two dimensional information about tissue. To assimilate the picture that is seen under microscope and build a three dimensional microscopic form of tissue, mental modeling is necessary to add upon the knowledge base. This helps relate static two dimensional structures to dynamic three dimensional structure and functions. Conversion of two dimensional slide picture to a 3D picture of tissue organization represent a higher level in knowledge domain and its progression. Reconstruction of 2D slides into 3D tissue models alongside 3D organs is an area that were research is lacking. Reconstructing 2D images from slides into navigable 3d images will help understand the microscopic specimen &amp; thereby the function. This later can be incorporated into the curriculum so as to help the students understand the subject easier.</p> <p>The facility of slide scanning and storage of the high resolution images go a long way in achieving this purpose. Dept. of Pathology in Rural Medical College, recently installed a state of art slide scanning facility, which we intend to use to carry out research in this area.</p> <p><b>Fresh Tissue Dissection Laboratory:</b></p> <p>Intent to provide leadership in establishing a Fresh tissue dissection laboratory. It shall be a place where the surgeon or a surgeon to be will operate upon the body without the fear of cutting a structure and complication. In the process he or she shall relearn anatomy before embarking on actual operation. Fresh tissue facility will be used by surgeons in training for the purpose of re-learning the anatomy of a particular area and/or for training of specific surgical procedures. This facility shall be made use by an individual or by small groups of 2-3 individuals. It shall help to run dissection seminars for groups of 5-10 post-graduates. Larger training courses, such as laparoscopic pelvic surgery orthopaedic fixation workshops can also be conducted in this facility.</p> <p><b>Towards this end, we have already created a space of 50 Sq.m, which can be scaled up into the adjoining dissection hall of 400 sq.m. whenever required.</b></p> <p><b>Highlighted features of the facility shall be as under:</b></p> <ol style="list-style-type: none"> <li>1. Fully equipped, well ventilated and optimally illuminated room for both small and large courses.</li> <li>2. Onsite tissue preparation and storage.</li> <li>3. Laparoscopic towers (2).</li> <li>4. C-arm fluoroscope (1)</li> <li>5. Complete room AV connectivity within the facility, AV connectivity to auditoriums &amp; classrooms.</li> </ol>																																												
17	<p><i>Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise : (For the last 5 Years)</i></p> <p style="text-align: center;"><i>Abstract of projects</i></p> <table border="1" data-bbox="271 1451 1421 1724"> <thead> <tr> <th rowspan="2">No. Project Funded by</th> <th rowspan="2">No. of ongoing projects (a)</th> <th rowspan="2">No. Completed Projects (b)</th> <th rowspan="2">Total Projects (a+b)</th> <th colspan="3">Funds received in lakhs</th> </tr> <tr> <th colspan="3">Total</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <th>For (a)</th> <th>For (b)</th> <th>For a+ b</th> </tr> </thead> <tbody> <tr> <td>International agencies</td> <td>0</td> <td>0</td> <td>0</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>National agensis</td> <td>0</td> <td>0</td> <td>0</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>University and Dept.</td> <td>9</td> <td>30</td> <td>41</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table> <p><i>The details of projects are as follows:</i></p> <p><i>a) Ongoing Projects of Faculty (as on this day) sponsored by the university/dept.</i></p> <table border="1" data-bbox="271 1787 1421 1894"> <thead> <tr> <th>S.No.</th> <th>Project Title</th> <th>Duration (Yr.)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Morphological Study of Vermiform Appendix</td> <td>3</td> </tr> </tbody> </table>	No. Project Funded by	No. of ongoing projects (a)	No. Completed Projects (b)	Total Projects (a+b)	Funds received in lakhs			Total							For (a)	For (b)	For a+ b	International agencies	0	0	0	-	-	-	National agensis	0	0	0	-	-	-	University and Dept.	9	30	41	-	-	-	S.No.	Project Title	Duration (Yr.)	1.	Morphological Study of Vermiform Appendix	3
No. Project Funded by	No. of ongoing projects (a)					No. Completed Projects (b)	Total Projects (a+b)	Funds received in lakhs																																					
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S.No.	Project Title	Duration (Yr.)																																											
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	2.	The morphology of inferior transverse scapular ligament in human cadavers	3			
	3.	The structural variations at the renal hilum.	3			
	4.	Study of Talar and Calcaneal articular facets in human cadavers	3			
	5.	Study of Circulus arteriosus and cerebral arteries in human cadaveric brains.	3			
	6.	Morphological variations of maxillary artery in human cadavers	3			
	7.	Anatomical variability of internal iliac artery in human cadavers	3			
	8.	Morphological study of superficial and deep palmar arches and their variations	3			
	9.	Study of elastic fibre distribution in the arterial tree in human cadavers	3			
	<i>b) Completed Projects of the faculty ( last 5 Years)sponsored by university/dept.</i>					
	<b>Sr. No.</b>	<b>Project Title</b>	<b>Duration (Yr.)</b>			
	1.	The Morphology of Quadriceps femoris.	3			
	2.	Study of Accessory Tendons of Extensor Hallucis Longus Muscle	3			
	3.	“Variations of Anterior Cerebral Arteries in human cadavers.”	3			
	4.	The study of Gross Anatomy of the Lumbar part of Sympathetic Trunk	3			
	5.	Perception among medical students regarding use of Audio-visual aids in lecture delivery	3			
	6.	Presence of superficial palmar arch in superficial plane- an unusual variant.	3			
	7.	Pattern of Talar Articular facet of Human Calcaneus Bone	3			
	8.	Morphological study of chordae tendinae. In human cadaveric hearts	3			
	9.	The incidence and morphology of maxillary sinus septa in dentate and edentulous maxillae: a cadaveric study with a brief review of the literature	3			
	10.	Study of Pedicle morphology as related to transpedicular screw fixation.	5			
	11.	A Comparative study on the Morphology of Spleen in Cadaveric and Autopsy specimens	3			
18.	<i>Inter- institutional collaborative projects of faculty &amp; associated grants received (including clinical trials) excluding those included a Sr. No.16 (For the last 5 Years) (as on this day)- Nil</i>					
19	<i>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)</i>					
		<b>Research Projects under taken by</b>	<b>Data as given under sl. No. of DER</b>	<b>Total Projects</b>	<b>On going</b>	<b>Completed</b>
	(a)	The faculty Funded by Department / University	17	20	9	11
	(b)	Inter-Institution / Industry Projects (collaborate) including clinical trials	18	-	-	-
	(c)	UG student STS ICMR Projects	28	-	-	-
	(d)	Research Projects of faculty Funded by National agencies	17	-	-	-
		<b>Total</b>		-	-	-
20.	<i>(a) Research Facility / Center and recognition by state / National / International agencies.(as on this day)</i>				Center for Biotechnology,	
	<i>In the department (Details of facilities in brief) - Complete setup of Microanatomy laboratory, Carl Zeiss Research Microscope, Microtome Leica, Histokinette, etc.</i>					
	<i>In other department (Details of facilities by the department) used by us.</i>				Digital slide scanning facility	



		in the dept. of Pathology				
	<i>In other college ( Details of facilities used by us)</i>	-				
	<i>At central level ( Details of facilities used by us)</i>	-				
21.	<i>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization if any.</i>	Center for Biotechnology				
22.	<i>Publication data of last 5 years Publications in peer reviews journals and conference proceeding (ISSN)</i>	National <u>11</u> International <u>27</u> Total <u>41</u>				
	<i>No. of Monographs (ISBN/NON ISBN)</i>	:	NIL			
	<i>No. of Books Published (ISBN/NON ISBN)</i>	:	ONE- Mitral Valve Complex, Gunnal SA, Farooqui MS, Wabale RN, ISBN 978-3-659-40757-4 , 25 <sup>th</sup> June 13.			
	<i>No. of Edited Books (ISBN/NON ISBN)</i>	:	NIL			
	<i>No. of chapters in Books with details of publishers (ISBN/NON ISBN)</i>	:	NIL			
	<i>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.)</i>					
	<i>Research publication included and listed in international database are <u>24</u> Out of total publication.</i>					
	<i>No. of Citation Index – range / average</i>	:	30			
	<i>SNIP</i>	:	0.228-0.818			
	<i>SJR</i>	:	0.152-0.281			
	<i>Impact Factor- range/average</i>	:	0 to 0.73			
	<i>h-index</i>	:	4			
23.	<i>Details of patents filed / granted and income generated (5 Years data)</i>	:	NIL			
24.	<i>Areas of consultancy and income generated(5 Years data)</i>	:	Honorary Consultancy			
25	<i>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data) NIL</i>					
26.	<i>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data)</i>					
	<i>Total no. of faculty</i>		<i>Inter-national level</i>	<i>National Level</i>	<i>State Level</i>	<i>Others</i>
	<b>4</b>		<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>
	<i>(a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data)- Nil</i>					
		<i>Total No. of Faculty</i>	<i>Inter-National level</i>	<i>National level</i>	<i>State level</i>	<i>Others level</i>
	<i>Fellowship</i>	<b>Nil</b>				
	<i>Membership</i>	<b>10 (Anatomical Society of India)</b>	<b>-</b>	<b>10</b>	<b>8</b>	<b>-</b>
	<i>Honor</i>	<b>2</b> • Dr. H.J.Mehta Memorial award Anatomical Society of India • PIMS(DU) – Chancellors Trophy	<b>-</b>	<b>1</b>	<b>-</b>	<b>1</b>
	<i>Any other</i>	<b>Nil</b>				
	<i>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data)</i>					
		<i>Total</i>	<i>Inter-National Level</i>	<i>National Level</i>	<i>State Level</i>	<i>Others level</i>



	Editor	1	-	-	-	1
	EB	-	-	-	-	-
	Peer Reviewer	-	-	-	-	-
27.	<b>Faculty recharging strategies (UGC, ASC/MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)</b>					
	Sr. No.	Type of the Programme	No. of FDPs participated			Total
			College Level	State / Univ. Level	National Level	Internat. Level
	1	Orientation/Refresher/MET/CME	1	-	-	1
	2	Workshop/Seminar/Symposium/conferences	-	9	5	14
	3	FDPs (guest lecture, training, CM, CPC, etc.)	1	4	-	17
28.	<b>Students Projects(PG/UG): - NIL (No PG registration since 2011/12 Academic Year)</b>					
	<ul style="list-style-type: none"> <li>• Last MD admission in 2010-11 passed in 2013 in I<sup>st</sup> class</li> <li>• Last admission to MSc. Course in May 2011 passed in 2014 in II<sup>nd</sup> class.</li> </ul>					
	Details of previous PG dissertations given in Annexure				:	YES
29.	<b>a) Research Awards/recognitions received at the national and international level (5 Years data)</b>					
	Sr. No.	Received by		No. of Awards		
		International	National	State/ University	Total	
	1	Faculty	1	1	2	
30.	<b>a) Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data) – 15 student Seminars</b>					
	<b>1) Publication of Abstract of the S/S/C/W :---6---</b>					
31.	<b>Code of ethics for research followed by dept.</b>				:	<b>ICMR &amp; Institutional Ethical Committee Guidelines PIMS(DU)</b>
32.	<b>Student Profile programme-wise</b>				:	
	<b>a) PG Programme Name of the Programme : No Admission for MD Anatomy since 2011-12,</b>					
	<ul style="list-style-type: none"> <li>• Last MD admission in 2010-11 passed in 2013 in I<sup>st</sup> class,</li> <li>• Last admission to MSc. Course in May 2011 passed in 2014 in II<sup>nd</sup> class.</li> </ul>					
	<b>b) UG Students Name of the subject and course</b>					
	Academic Year	No. of Application Received	CET Pass %	No of Students Selected for UG Course		
				M	F	T
	2011-12	2257	68.42	54	71	125
	2012-13	3568	66.85	56	69	125
	2013-14	2913	70.21	65	60	125
	2014-15	2496	65.76	53	72	125
	2015-16	2778	64.09	61	64	12





							5	
<b>Results of University examination for the subject taught by the Department (Eg. Anatomy, Physiology etc.)</b>								
Name of the Subject	Academic Year (For Outgoing Batch)	Total Students Appeared	No of Students passed	Pass % of Dept. Subject	% of I <sup>st</sup> Class		% of I <sup>st</sup> Class with Distinction	
Anatomy	2010	2011	135	105	77.77	49	0.95	
Anatomy	2011	2012	142	118	83.09	64	-	
Anatomy	2012	2013	133	113	84.96	44	-	
Anatomy	2013	2014	124	104	83.87	63	2.88	
Anatomy	2014	2015	123	111	90.24	51	0.90	
Anatomy	2015	2016	121	99	81.81	49	0.91	
<b>33. Diversity of Students : a) PG Programme</b>								
Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries			
	<b>2010-11</b>	<b>Nil</b>	<b>2</b>	<b>Nil</b>	<b>Nil</b>			
<b>b) UG Programme</b>								
Name of the Course refer to question no.4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries			
MBBS	2011	113(90.4)	12(9.6)	0				
MBBS	2012	118(94.4)	7(5.6)	0				
MBBS	2013	106(84.8)	19(15.2)	0				
MBBS	2014	84(67.2)	41(32.8)	0				
MBBS	2015	92(73.6)	33(26.4)	0				
<b>34. How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.) :ECFMG (Educational Commission for Foreign Medical Graduates)/EICS( ECFMG International Credential Services) - 104</b>								
<b>35. Student progression:</b>			:	Either at PIMS or other Institution in India & Abroad (Average % for last 5 Years) >70%				
Student Progression				% against enrolled				
I	UG – PG Studies in Anatomy			TWO				
<b>36. Diversity of Staff as on this day</b>								
<b>Number and % Diversity of Staff ( as on this day ) belonging to Same State/UT</b>				<b>% Staff who have obtained PG Degree from</b>				
10 & 91%				Parent University 2 & 18.2%				
<b>Outside State/UT</b>				Other Universities of the State				
1. & 9%								
<b>Other Countries</b>								
0 & 0 %								



					8 & 81.8% Other State University 1 & 9% Other Countries 0 & 0 %	
37	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) : ONE					
38.	Present details of departmental infrastructural facilities with regard to :					
	A) Infrastructural facility (Common to all departments)					
	a) Library (dept): No. of Collections Book/Journal/ Project Report Central Library books and Journal belonging to our department (both print and e mode)	:			170 906	
	b) Internet facilities for staff and students	:			YES	
	c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive & Inclusive)	:			Class Rooms---1---Demo Rooms-3-- Seminar Halls----1----- Auditorium - <u>Common facility</u>	
	d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive & Inclusive)	:			3	
	e) Students laboratories at the Department	:			2	
	f) Research Laboratories of the Dept.	:			1	
	g) Museum at the Department and no. of specimen, charts, Modules etc. - (Gross Anat.– 218 Sectional Anatomy – 31 Foetuses-34. Total – 283) Skeletons – Adult – 9, Foetal-2, Separate bones – adult painted set, Charts, models – 134.					
	h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above) Carl Zeiss Research, Microscope, Leica Microtome, 4 LCD Projectors, Audio system for Dissection hall,					
	B) Clinical learning resource data (as submitted to MCI / DCI / INC / Others / UGC)- Not Applicable					
	No. of Ph.D. Awarded by the Dept during last 5 years: ----- ONE -----					
40	(a) Number of students getting financial assistance from the university- NIL					
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology : Yes, while introducing and enhancing the capacity of MSc. MD & Ph.D Programmes.					
42.	Does the department obtain feedback from					
	Sr.No.	From	Yes/No	Feedback Manual / Digital	How the feedback analysis is used for improvement	
	1	Student	YES	DIGITAL/MAN UAL	Improving Teaching methodology/ Curriculum & Infrastructure Development	
	2	Faculty	YES	DIGITAL/MAN UAL	Improving Working environment	
	3	Alumni / Parents/ Employer	YES	DIGITAL/MAN UAL		
43.	List the distinguished alumni of the department (Maximum 10) (UG student or PG Student belonging to the subject)				:	Name and designation with



				address
Sr. No.	Name & Designation	Details at the PIMS University & Year		Place of work of alumni
1.	Dr. SA Athavale	2002-2004		Addi.Prof., AIIMS, Bhopal.
2.	Dr. Abu Siddiqui	2007-2009		Asso.Prof., AIIMS Raipur.
<b>44</b>	<p><i>Give details of Student Enrichment Programmes (Special lectures/ Training/workshops/Seminar) involving internal &amp; external experts during the last 5 years :</i></p> <p><b>The department conducts series of student enrichment programmes round the annual year. The PG students were involved in organization as well participate in them. Data of prominent ones are tabulated here as under</b></p>			
Sr. No.	Event (SEP) UG + PG	No. Events	No. of Prominent	
			Internal Experts	
1.	Seminars – UG	12	2	
2.	Quiz Programmes	3	2	
3.	PG Microteaching	21	2	
4.	PG Seminar	33	2	
5.	PG Journal Clubs	32	2	
<b>45.</b>	<i>a) List the teaching methods adopted by the faculty for different programmes:</i>			
Sr. No.	For UG / PG	List of Methods		
1.	MBBS	Lecture, Demonstration, ICT enabled Dissection		
2.	BDS	Lecture, Demonstration, Dissection		
3.	BPTh	Lecture, Demonstration, Dissection		
4.	Nursing	Lecture, Demonstration		
5.	MD	Lecture, Demonstration, ICT enabled Dissection, Learning Centric approach: By this Graduates are asked to teach individuals as well as groups of learners in classrooms ICT enabled methods.		
6.	MSc	Beyond Curriculum Scholarly Activities: Journal clubs, Research paper discussions, Seminars are conducted in the department to enhance the student ability to		
7.	PhD	<input type="checkbox"/> Write a peer-reviewed publication. <input type="checkbox"/> Write an manuscript describing a completed project. <input type="checkbox"/> Write his thesis /dissertation. <input type="checkbox"/> Write progress report for projects.		
	<i>b) Catering to Diverse need of the student</i>			
	: Orientation, Induction, mentoring, Performance improvement activity is done for students of all the programs, Student Guidance cell, Remedial Teaching.			
<b>46.</b>	<i>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?</i>			
	:By carrying out continuous internal assessment evaluation & review of university exam results.			
<b>47.</b>	<i>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive)</i>			
	a) <i>Involvement of student and faculty in various type of extension activity organized by the dept.</i>			
	b) <i>Our faculty is involved extension in health awareness programs organized by the college / University through lectures, rally, camps/ training. as HR / Contributions</i>			
Sr.No.	Programme	Venue	Topic	Date



	1.	Body donation programme	Gramsabha - nearby villages	Body & Organ donation	
48.	<i>Give details of “beyond syllabus scholarly activities” of the department : Total - 86</i> Journal club : 32 Seminar : 33 Microteaching : 21				
49.	<i>State whether the programme / department is accredited / graded by other agencies? If yes, give details – NO</i>				
50.	<p><i>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied</i> : Total of 41 research publications were contributed to by faculty of anatomy dept. in last 5yrs. One publication is awarded at <u>National</u> Level &amp; one at the <u>University</u> level for being best in the group.</p> <p><i>b) Salient and unique feature of department.</i> : More than optimum availability of cadavers for practical anatomy training.</p> <p><i>c) Innovation of the department.</i> : Prosection projection system and Microscope slide projection system</p> <p><i>d) Best practice of the department:</i> : Conduct of Histology practical classes in one session instead of four sessions, with the help of microscope slide projection system, this reduces the repetition of the work by teaching and nonteaching staff, making them available for other work.</p>				
51.	<i>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department : (Important or major ones) in bullet form.</i> SWOC				
	<b>Strength</b>	<b>Weaknesses</b>	<b>Opportunities</b>	<b>Challenges</b>	
	More than sufficient cadavers for UG and PG dissection & research	No Medical/nonmedical PG registration for last 4 years in a row	To provide leadership in Fresh Tissue Laboratory facility	Disparity between the MBBS students syllabus content and time available for teaching	
	Improved ICT enabled Infrastructure in dept.		Leadership in Structured practical anatomy training.	Improve quality of teaching.	
	Central Location within College Premises				
52.	<p><i>Future Plan:</i></p> <ul style="list-style-type: none"> <li>• Structured anatomy practical training with the help of projection system imparted to MBBS to be implemented for all the other programs i.e. BDS &amp; BPTH.</li> <li>• Bridge and Enrichment to be implemented for all the other programs.</li> <li>• To establish a functioning Fresh Tissue Dissection Laboratory in collaboration with clinical departments in next 5 years.</li> <li>• To run well coordinated body donation programme that shall compliment Fresh Tissue Dissection Laboratory.</li> <li>• To deviate the mindset of population of the district from traditional practices of cremation towards body donation for a social cause.</li> <li>• To transform the Anatomy department Laboratory, Museum, Classroom so as to provide a pleasant, stimulating enlivening environment for the students to learn and teachers to teach.</li> <li>• To provide leadership in quality medical education to UGs, PGs and practicing physicians &amp; surgeons.</li> <li>• To start a cytogenetics and histochemistry laboratory in next five years.</li> </ul>				

---Sd/--

**Name & Signature  
(Head of the Dept.)**

---Sd/--

**Name & Signature  
Dean of the college**







## Department of Physiology





**Pravara Institute of Medical Sciences (Deemed University)**

**Institution: Rural Medical College**

**Departmental Evaluative Report**

**Based on the date of 5 years :2010-11 to 2015-16**

<b>1.</b>	<b>Name of the Department</b>		:	<b>PHYSIOLOGY</b>		
<b>2.</b>	<b>Year of establishment</b>		:	1984		
<b>3.</b>	<b>Is the Department part of a School/Faculty of the university?</b>		:	RURAL MEDICAL COLLEGE A constituent unit of PIMS (DU), LONI		
<b>4.</b>	<b>a) Names of programmes offered</b>		:	<b>As on this day</b>		
	Prog.	Name of the Prog. Year of Establishment	Year of Establishment	Intake per year	Fresh enrollment for academic year	Current Total Student Strength of the Dept. (of all year I,II,III etc
	UG	MBBS	1984	125	125	132
	PG	MD	1991	02	00	Nil
	Ph.D	PhD	2006	01	00	03
	Total	03				
	<b>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</b>					
	<b>UG:</b> Theory 160 hrs, Practical 256 hrs, Other 64 hrs: Total 480 hrs. Theory Paper 2, Practical 2, Total Marks: 200					
	<b>MD:</b> 4 Theory, 4 Practicals, Dissertation & Vivo: Total 400 Marks					
	<b>Ph.D. :</b> 6 months progressive report followed by completion of dissertation.					
	<b>c) Latest revision of curriculum/ syllabus in 2016 Year and their salient features. Marks distribution for theory paper was modified. Change in the MCQs Nos 20 to 10 and Marks 10. Theory paper pattern is modified. (Copy enclosed).</b>					
	<b>d) Contribution of faculty to curriculum design and Development (CDD) as</b>					
	Chairman BOS(Pre- Clinical) – Dr. R.G. Latti, PIMS (DU) ,Loni					
	i) Member – Dr. N.B. Kulkarni, Dr. A.M. Mahagaonkar & Mr. B.B. Vikhe					
	ii) Organization of CDD workshops at the Dept / University – To be organised shortly					
	iii) Participation in curriculum design and development workshops at university/Department- NIL					
<b>5.</b>	<b>Interdisciplinary programmes offered by the Department and department involved- – Integrated programme will be conducting shortly</b>					
<b>6.</b>	<b>Courses in collaboration with other universities, industries, foreign institution etc NIL</b>					
<b>7.</b>	<b>Details of programs discontinued, if any with reasons NA</b>					
<b>8.</b>	<b>Examination System: ANNUAL</b>					
<b>9.</b>	<b>Participation of the department in the courses offered by other departments: NA</b>					
<b>10.</b>	<b>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</b>					
	<b>(a) Teachers</b>					
	<b>S.N.</b>	<b>Required as per MCI</b>	<b>MCI</b>	<b>Actual Faculty Strength (Recruited or filled)</b>		
				<b>Male</b>	<b>Female</b>	<b>Total</b>
	<b>i</b>	Professor	01	02	00	02
	<b>ii</b>	Associate Professor Reader	02	02	Nil	02
	<b>iii</b>	Assistant Professor Lecturer	03	03	01	04
	<b>Sub Total( I to iii)</b>		<b>06</b>	<b>07</b>	<b>01</b>	<b>08</b>



	iv	Demonstrator	Nil	Nil	Nil	Nil		
	v	Tutor	04	02	Nil	02		
	<b>Sub Total( iv to vii)</b>		<b>04</b>	02	-	02		
	<b>Grant Total ( i to vii)</b>		<b>10</b>	09	01	10		
	<i>(b)</i>							
	<b>Qualification Profile of Teachers</b>		<i>M</i>	<i>F</i>	<i>Total</i>			
	<b>With P.G. Degree Only</b>		07	--	07			
	<b>With higher qualification than PG (Ph.D/D.Sc.)</b>		01	--	01			
<b>11</b>	<b>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</b>							
	<b>a) Faculty (as UG/PG teachers) (Internal):</b>							
	Sr.No	Name of Teaching Staff	Qualification	Designation	Area of Specialization	Teaching Experience in Years	No. of PG Students	
Guiding							Guided	
	1	Dr. R.G. Latti	MD	Prof HOD	Physiology	33 yrs	03	02
	2	Dr. N.B. Kulkarni	MD	Prof	Physiology	36 yrs	-	02
	3	Dr. A.M. Mahagaonkar	MD	Prof	Physiology	26 yrs	--	--
	4	Dr. A.N. Badwe	MSc PhD	Asso Prof	Physiology	20 Yrs		
	5	Mr. B.B. Vikhe	MSc	Asst Prof	Physiology	20 Yrs		
	6	Mr. S.B. Sabade	MSc	Asst Prof	Physiology	19 Yrs		
	7	Dr. M.C. Tayade	MD	Asst Prof	Physiology	07 yrs		
	8	Dr. P.D. Pandav	MBBS	Tutor	Physiology	07 yrs		
	<b>(b) Faculty of the Department as Ph.D. Guides (Internal as well as External) (as on this day)</b>							
	<b>Dr. Latti is currently guiding 3 students for Ph.D.</b>							
<b>12</b>	<b>List of senior Visiting Fellows, adjunct faculty, emeritus professors (as on this day): NIL</b>							
<b>13</b>	<b>Percentage of classes taken by temporary faculty programme wise information: NIL</b>							
<b>14</b>	<b>Programme wise Teacher Student Ratio</b>							
	<b>Programme</b>		:	<b>Teacher Student Ratio</b>				
	<b>UG</b>			1: 27.5				
	<b>PG</b>			NA				
	<b>Ph.D.</b>			1:3				
<b>15</b>	<b>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</b>							
	Sr. No.	Staff	Name of the Post	Required as per statutory Bodies	Filled / Actual			
					M	F	Total	
	1	Administrative	Clerk	01	01	-	01	
	2	Technical	Technician	02	-	02	02	
	3	Support	Attendants	03	02	01	03	
		Total		06	03	03	06	
<b>16</b>	<b>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</b>							





17	<p><i>Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise : (For the last 5 Years)</i>  <b>Total 5 Projects (4 ongoing + 1 completed) All sponsored by PIMS-DU</b></p>								
<p><i>The details of projects are as follows:</i></p>									
<p><b>a) Ongoing Projects of Faculty (as on this day) Four - sponsored by PIMS-DU &amp; One by ICMR</b></p>									
<p>1) "Study of Cardiovascular Autonomic and pulmonary functions during different trimesters of pregnancy in rural area of Loni" by Mr. B.B. Vikhe.</p>									
<p>2) "A Study on impact of early clinical exposure on knowledge, skills and attitude of first year MBBS students in western Maharashtra by Dr. M.C. Tayade.</p>									
<p>3) "Study of correlation between Anti oxident levels and various autonomic functions in depressive subject" by Mr. S.B.Sabade</p>									
<p>4) "Effect of limb dominance on the nere conduction studies in healthy subject" by Dr. R.G. Latti.</p>									
<p>5) "Study of variations in blood pressures amongst day school children and Boarding school children in western Maharashtra" by Miss. Dimple Tarwani, Guide Dr. N.B. Kulkarni.</p>									
<p><b>b) Completed Projects of the faculty ( last 5 Years)</b></p>									
<p>1. A Study of Cardiovascular &amp; Parasympathetic Responses during Increasing Angle of Head up Tilt Individuals (2011-14)</p>									
<p><b>Note :- Do not include inter institutional collaborative research project / clinical trials at sl.No. 17. They must be included at Sl.No. 18 only</b></p>									
18.	<p><i>Inter- institutional collaborative projects of faculty &amp; associated grants received (including clinical trials) excluding those included a Sr. No.16) (For the last 5 Years) (as on this day)</i>  <b>NIL</b></p>								
19	<p><b>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)</b></p>								
		<p><b>Research Projects under taken by</b></p>	<p><b>Data as given under sl. No. of DER</b></p>	<p><b>Total Projects</b></p>	<p><b>On going</b></p>	<p><b>Comple ted</b></p>	<p><b>Amount Received</b></p>		<p><b>Total Rs Lakhs</b></p>
(a)		<p>The faculty (Funded by Department or University</p>	<p>17</p>	<p>04</p>	<p>04</p>	<p>01</p>	<p>0.1</p>		<p>0.1</p>
(c)		<p>UG student STS ICMR Projects</p>	<p>28</p>	<p>01</p>	<p>01</p>	<p>--</p>	<p>00</p>	<p>00</p>	<p>00</p>
		<p><b>Total</b></p>		<p>05</p>	<p>05</p>	<p>01</p>	<p>0.1</p>	<p>00</p>	<p>0.1</p>
20.	<p><b>(a) Research Facility / Center and recognition by state / National / International agenesis.(as on this day)</b></p> <p><b>In the department (Details of facilities in brief)</b></p> <p><b>In other department (Details of facilities by the department) used by us.</b></p> <p><b>In other college (Details of facilities used by us)</b></p> <p><b>At central level ( Details of facilities used by us)</b></p>								
NIL									
More instruments have come now for research. (Example Polygraphs -03 Chanel & 01 Chanel)									
Obst Gynecology department									
CPT CBT, CSM, PRH									
CPT CBT, CSM, PRH									
21.	<p><b>Special research laboratories sponsored by / created by industry or corporate bodies or parent</b></p>								



	<i>organization of any. CPT CBT, CSM, PRH</i>				
22.	<i>Publication data of last 5 years Publications in peer reviews journals and conference proceeding (ISSN)</i>		<i>National - 06 International - 21 Other - 03 Total - 30</i>		
	<i>No. of Monographs (ISBN/NON ISBN)</i>	:	--		
	<i>No. of Books Published (ISBN/NON ISBN)</i>	:	01 (ISBN)		
	<i>No. of Edited Books (ISBN/NON ISBN)</i>	:	02 (E-learning)		
	<i>No. of chapters in Books with details of publishers (ISBN/NON ISBN)</i>	:	--		
	<i>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.)</i>				
	<i>Index coper Nicus – 21 Google Seholer – 30 Pubmed – 02</i>				
	<i>Research publication included and listed in international database are - <u>21</u> Out of total publication.</i>				
	<i>No. of Citation Index – range / average</i>	:	<u>Dr. M.C. Tavade</u> Citation Index – 35, H-Index – 03, Iten Index -01 <u>Dr. R.G. Latti</u> Citation Index – 09, H-Index – 02, Iten Index -0		
	<i>SNIP</i>	:	Citation Index – 09 Dr. R.G. Latti		
	<i>Impact Factor- range/average</i>	:	03		
	<i>h-index</i>	:	03		
23.	<i>Details of patents filed / granted and income generated (5 Years data)</i>	:	NIL		
24.	<i>Areas of consultancy and income generated(5 Years data)</i>	:	Honorary Consultancy		
25.	<i>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data) NIL</i>				
26.	<i>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data)</i>				
	06 (Medical board -03,Dental Board-02 & Physiotherapy -01board) Dr. R.G. Latti life member of IMA, APPI & Physiological society of India.				
	<i>(a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data)</i>				
		<i>Total No. of Faculty</i>	<i>National level</i>		
	<i>Fellowship</i>	01	01		
	<i>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data)</i>				
		<i>Total</i>	<i>National Level</i>	<i>State Level</i>	<i>Others level</i>
	<i>Editor</i>	02	01	--	01



	Peer Reviewer	01	--	01	--					
27.	<b>Faculty recharging strategies (UGC, ASC/ MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)</b>									
	Sr. No.	Type of the Programme	No. of FDPs participated		Total					
			College Level	National Level						
	1	Orientation/Refresher/MET/CME	--	07	07					
	2	Workshop/Seminar/ Symposium/ conferences	--	15	15					
	3	FDPs (guest lecture, training, CM, CPC, etc.)	04	04	08					
28.	<b>Students Projects:</b> The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)									
	Sr. No.	UG Projects (Including ICMR, STS)		PG Projects			PG Dissertations			
		Ongoing	Completed	Total	Ongoing	Completed	Total	Ongoing	Completed	Total
		01	NIL	01	--	-	-	-	04	04
	<b>Percentage of students who have done in house projects including inter departmental project</b>							:	Nil	
	<b>Percentage of students doing projects in collaboration with other universities/industry/institute</b>							:	Nil	
	<b>Details of PG dissertations are given in the annexure</b>				:	(03 Ph. D) Mr. B.B. Vikhe, Mr. S.B. Sabade & Dr. M.C. Tayade				
29.	<b>a) Research Awards/recognitions received at the national and international level (5 Years data) NIL</b>									
	b) General awards of faculty and students (other than Research, for teaching extension, social service) - one faculty member by Dr. M.C. Tayade received state/PIMS (DU) Research Publication award.									
30.	<b>Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data)</b>									
	1. Seminar compilation conducted for I MBBS students every year in the month of March. Sponsored by APPI Loni branch.									
	2. FDP program conducted in the first week of every month.									
	3. MET workshop attended by 07 faculty member at RMC, Loni. - Dr. Nandyal and Dr. Payal Bansal were resource person in July 2014									
	<b>1) Publication of Abstract of the S/S/C/W - 01</b>									
	<b>2) Publication of peer reviewed ISSN/ISBN numbered / proceedings of S/S/C/W. – NIL</b>									
31.	<b>Code of ethics for research followed by the departments</b>				:	ICMR				



<b>32.</b>	<b>Student Profile programme-wise</b> :					
	a) PG Programme Name of the Programme : MD- Physiology : NA					
	No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year					
	Academic Year of Outgoing batch	No. of Students				
		Appeared	Pass	Pass %		
	2010-11	01	01	100%		
	2011-12	02	02	100%		
	2012-13	01	01	100%		
	2013-14	No PG Students				
	2014-15	No PG Students				
	2015-16	No PG Students				
	<b>b) UG Students Name of the subject and course</b>					
	Academic Year	No. of Application Received	CET Pass %	No of Students Selected for UG Course		
				M	F	T
	2011-12	2257	68.42	54	71	125
	2012-13	3568	66.85	56	69	125
	2013-14	2913	70.21	65	60	125
	2014-15	2496	65.76	53	72	125
	2015-16	2778	64.09	61	64	125
	<b>Results of University examination for the subject taught by the Department (Eg. Anatomy, Physiology etc.)</b>					
	Name of the Subject	Academic Year (For Outgoing Batch)		Total Students Appeared	No of Students passed	Pass % of Dept. Subject
	Physiology	2011	2012	04	01	25%
	Physiology	2012	2013	125+01(R)	123	98%
	Physiology	2013	2014	125+02(R)	94	74%
	Physiology	2014	2015	122+07(R)	108	84%
	Physiology	2015	2016	119+08(R)	114	90%
	<b>Note- Results only for Regular Batch.</b>					
<b>33.</b>	<b>Diversity of Students : a) PG Programme – No PG Admission</b>					
	<b>b) UG Programme: Central Data as per MBBS admission</b>					
<b>34</b>	<b>How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.): NIL</b>					
<b>35.</b>	<b>Student progression:</b>	:	<b>Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)</b>			
	Student Progression		% against enrolled			
	I	UG – PG Studies	2013- 70 %, 2014 – 75 %, 2015 - 80%			
		PG - SS	No PG available since 2012			
		PG – Ph. D.	Ph D Completed- 01, Ph.D on going - 03			
		PG to employment	04			
<b>36.</b>	<b>Diversity of Staff as on this day</b>					
	<b>Number and % Diversity of Staff ( as on this day ) belonging to</b>			<b>% Staff who have obtained PG Degree from</b>		
	<b>Same State/UT No. 06 &amp; 07 84%</b>			Parent University <b>No. 04 &amp;...56.%</b>		
				Other Universities of the State <b>No. 01 &amp;.....14.%</b>		



	<i>Outside State/UT</i> No.01 & 14 % <i>Other States</i> No. & % Nil <i>Other Countries</i> No. & %Nil	Other State University No. 01 &...14..% Other Countries No. &.....Nil.....%														
37	<i>Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date : 01</i>															
38.	<i>Present details of departmental infrastructural facilities with regard to :</i>															
	<b>A) Infrastructural facility (Common to all departments)</b>															
	<b>a) Library (dept): No. of Collections Book/Journal/ Project Report Central Library books and Journal belonging to our department (both print and e mode)</b>	: Department Library - Books -136 - Journals-04														
	<b>b) Internet facilities for staff and students</b>	: Wi Fi available														
	<b>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive &amp; Inclusive)</b>	: Class Rooms 01 Demo Hall 03 with LCD projects Seminar Halls 01 Auditorium 01														
	<b>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive)</b>	: <b>Available</b> <b>03 Demo Hall has got 03 LCD Projectors</b>														
	<b>e) Students laboratories at the Department</b>	: 04														
	<b>f) Research Laboratories of the Dept.</b>	: 01														
	<b>g) Museum at the Department and no. of specimen, charts, Modules etc.</b>	: <b>Charts Available</b> <b>Modules System wise and organ wise.</b>														
	<b>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)</b>	: <b>Canwin Analyser,</b> <b>Students Physiographs - 01,</b> <b>3 Polygraphs-3 &amp; 4 channel</b>														
	<b>B) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well</b>	: Biochemistry, Pathology & Microbiology laboratories use for research														
39.	<b>No. of doctoral post- doctoral students and Research Associates / PDF working</b>	: 01 Dr. A.N. Badwe (From 2012 to 2015)														
	<table border="1"> <tr> <td>From</td> <td>Doctoral Student</td> <td>Total</td> </tr> <tr> <td>Host Institution</td> <td>03</td> <td>03 (Mr.B.B.Vikhe, Mr.S.B.Sabade &amp; Dr. M.C.Tayade)</td> </tr> </table>	From	Doctoral Student	Total	Host Institution	03	03 (Mr.B.B.Vikhe, Mr.S.B.Sabade & Dr. M.C.Tayade)									
From	Doctoral Student	Total														
Host Institution	03	03 (Mr.B.B.Vikhe, Mr.S.B.Sabade & Dr. M.C.Tayade)														
	Number of Research Pdf/RA receiving fellowship from central agency/University: PIMS-DU 01 No. of Ph.D. Awarded by the Dept during last 5 years: 01															
40	<b>(a) Number of students getting financial assistance from the university: As per university norms PG stipend/ scholarship is made available</b>															
41.	<b>Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :NA</b>															
42.	<b>Does the department obtain feedback from</b>															
	<table border="1"> <tr> <th>Sr.No.</th> <th>From</th> <th>Yes/No</th> <th>Feedback Manual / Digital</th> <th>How the feedback analysis is used for improvement</th> </tr> <tr> <td>1</td> <td>Student</td> <td>Yes</td> <td>Digital</td> <td rowspan="2">Used for improvement of</td> </tr> <tr> <td>2</td> <td>Faculty</td> <td>Yes</td> <td>Informal</td> </tr> </table>	Sr.No.	From	Yes/No	Feedback Manual / Digital	How the feedback analysis is used for improvement	1	Student	Yes	Digital	Used for improvement of	2	Faculty	Yes	Informal	
Sr.No.	From	Yes/No	Feedback Manual / Digital	How the feedback analysis is used for improvement												
1	Student	Yes	Digital	Used for improvement of												
2	Faculty	Yes	Informal													





	3	Alumni / Parents/ Employer	We are collecting alumni report & parent report	Informal	<b>Infrastructure and Teaching methodology.</b>
<b>43.</b>	<i>List the distinguished alumni of the department (Maximum 10) ( UG student or PG Student belonging to the subject)</i>			:	Name and designation with address
	Sr. No.	Name & Designation	Details at the PIMS Univ. & Year	Place of work of alumni	
	1	Dr. Sunita Nighute	2009	Asso. Prof at Dr. P. Vikhe Patil Foundation, A.Nagar	
	2	Dr. Kiran Thorat	2009	Asso Prof. Gunj Medical college, Gujrat state	
	3	Dr. Vaishali Patil	2009	Asst Prof. Vikhe Patil Foundation college, A.nagar	
	4	Dr. Sandeep Ghuge	2010	Asst. Prof Pune	
	5	Dr. Suchitra Parkad	2010	Asst Prof, Chenai	
	6	Dr. Vinod	2011	Asst Prof at MRMC, Medical College, Gulbarga (Kar)	
	7	Dr. Santosh Chidri	2012	Asst Prof. Kamini Institute of Med Science At Hyderabad (Andhra Pradesh)	
	8	Dr. M.C. Tayade	2012	Asst Prof in RMC Loni	
	9	Mr. V.S. Shelke	2013	Lecture at SMBT Medical College, Goti, Nasik	
<b>44.</b>	<i>Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</i> <b>The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under</b>				
	Sr. No.	Event (SEP) UG + PG		No. Events	
	01	Every Year Enrichment Programmes like seminar Quiz & OSPE Exam will is conducted from 2011 onwards in the department.		1) Seminar 2) Quize 3) Guest Lecture 4) Integrator Teaching 5) OSPE	
	(Details given in annexure)				
<b>45.</b>	<i>a) List the teaching methods adopted by the faculty for different programmes:</i>				
	Sr. No.	For UG		For PG	
	01	05 (Theory Practical Tutorial, Group Discusion & Demos)		04 (Seminar, Journal Workshop & Dissertation)Avidence based learning	
	<i>b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling)</i> <b>i)Mentoring Program conducted for I MBBS Students.</b> <b>ii) Remedial Program conducting for slow learners</b>				
<b>46.</b>	<i>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? NA</i>				
<b>47.</b>	<i>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive)</i> <b>c) Involvement of student and faculty in various type of extension activity organized by the dept.</b>				
	Sr. No.	No. of Camps/Workshops/ Surveys/Training /Rallies /Lectures/ Celebrations/ any other events.		Academic Year	No. of Beneficiaries



1	Blood donation camp every year by I MBBS student and staff in the month of December. (25 units of blood)	2011 onwards	Poor patients of Pravara Hospital, Loni	
2	Nepkin & Soap was given to the students to Primary School at Loni	2015	33 Students	
<b>d) Our faculty is involved extension in health awareness programs organized by the college / University through lectures, rally, camps/ training. as HR / Contributions</b>				
Sr.No.	Programme	Venue	Topic	Date
1	Every year the staff is participating in the world health AIDS day	Red Hall	How to prevent AIDS disease	01 st Dec of Every year
2	International Yaga Day was celebrated in last year	Red Hall	Practice of Yogasana & Pranayama by student & Faculty	21 June 2015
48.	<b>Give details of “beyond syllabus scholarly activities” of the department: Wall Magazin &amp; Helth News are shown in Departmental Notice Board. Guest lecture, Quiz, seminar.</b>			
49.	<b>State whether the programme / department is accredited / graded by other agencies? If yes, give details: NO</b>			
50.	<p><b>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied ( based on published research articles, paper, projects, books, Patents etc.</b> NA</p> <p><b>b) Salient and unique feature of Department.</b></p> <ul style="list-style-type: none"> <li>i) Percentage of passing in Physiology maximum amongst preclinical departments in PIMS University.</li> <li>ii) Department is already conducting objective structured practical Examination every year.</li> <li>iii) Student teams sent to Pune to participate in Physiology Quiz programme. Last year our team won the second prize.</li> <li>iv) One of our staff members Mr. V.S. Shelke directed the “Marathi Drama” in Padmanjali 2014 and 2015 and got the first prize in 2015.</li> </ul> <p><b>c) Innovation of the Department.</b></p> <ul style="list-style-type: none"> <li>i) Student visits to blood bank arranged by the department. Students are also encouraged for blood donation.</li> <li>ii) Distribution of hand napkins/soap cakes to the rural school students to increase the awareness about hand washing and its role in prevention of diseases.</li> <li>iii) We are using LCD projector, Animal Expt. Demo by using CDs.</li> </ul> <p><b>d) Best practice of the Department</b></p> <ul style="list-style-type: none"> <li>i) Identification of slow learners and special classes are conducted to improve their performance. Fast learners are trained for Quiz competition and seminar competition.</li> <li>ii) Mentorship programme and student counseling conducted by the department.</li> <li>iii) Computer aided teaching and displaying of videos of clinical conditions like Parkinson's disease, facial palsy &amp; Endocrine disorders.</li> <li>iv) Department conducts students seminars every year, with participation of students and prizes given for best performance.</li> </ul>			
51.	<p><b>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department :</b> <b>SWOC</b></p> <p><b>Strength</b></p> <ul style="list-style-type: none"> <li>i) Well experienced senior teaching staff.</li> <li>ii) Good infrastructure, Laboratories &amp; equipments, Library</li> <li>iii) Proper use of audiovisual aids like computers, LCD projectors.</li> <li>iv) Doctoral research activities.</li> </ul>			



	<p><b><u>Weaknesses</u></b></p> <p>i) No postgraduate student admission since 2012.</p> <p><b><u>Opportunities</u></b></p> <p>i) To conduct workshops on electrophysiology and Yoga classes for the UG students can be conducted.</p> <p>ii) More number of students can be involved in research projects (ICMR)</p> <p>iii) To strengthen research project publication and facilities.</p> <p><b><u>Challenges</u></b></p> <p>i) Stress laid on “Rural research”, No animal experimentation</p> <p>ii) Trying to achieve 100 % result in Physiology.</p> <p>iii) To make the student understand basic concepts in Physiology to make them good Basic Doctor.</p> <p>iv) To start research work on “Yoga”</p>
52.	<p><b><i>Future Plan:</i></b></p> <ul style="list-style-type: none"><li>- To conduct the Physiology conference (AP PI or PSI) at National level.</li><li>- To conduct sex education classes among Rural students, in collaboration with NGO.</li><li>- To establish 'Sports Physiology' laboratory to promote sports activities among rural population of Loni.</li><li>- Organizing Yoga classes to increase the awareness of benefits of yoga amongst students, we have celebrated Inter National “Yoga Day” on 21<sup>st</sup> June 2016 at PIMS (DU) Loni, plan to do Inter National Projects.</li></ul>

---Sd/--  
**Name & Signature**  
**(Head of the Dept.)**

---Sd/--  
**Name & Signature**  
**Dean of the college**



## Department of Biochemistry



**Rural Medical College**  
**Pravara Institute of Medical Sciences**  
**(Deemed University)**







**Pravara Institute of Medical Sciences (Deemed University)  
Institution: Rural Medical College, Loni.  
Departmental Evaluative Report  
Based on the date of 5 years: 2010-11 to 2015-16**

1.	<i>Name of the Department</i>		:	<b>BIOCHEMISTRY</b>							
2.	<i>Year of establishment</i>		:	<b>August 1984</b>							
3.	<i>Is the Department part of a School/Faculty of the university?</i>		:	Medical Faculty, RMC, PIMS Deemed University.							
4.	<i>a) Names of programmes offered</i>		:	<b>As on this day</b>							
	<b>Prog.</b>	<b>Subject/ Course Biochemistry</b>		<b>Year of Establishment</b>		<b>Intake per year</b>		<b>Fresh enrollment for academic year</b>		<b>Total Student Strength</b>	
	UG	MBBS. (First Year)		1984		125		125		125	
	Diploma	DMLT		1987		06		06		06	
	Ph. D	Med. Biochemistry		2009		01		01		01	
	Total	-		-		132		132		132	
	<b>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</b>										
	<b>Name of Subject &amp; No. of years the subject is taught in the given course</b>	<b>Total Hours of Teaching – Learning</b>	<b>No. of Papers &amp; Practical to be Taught</b>				<b>Marks for University exam</b>				
			Theory	Practical	Other	Total	Paper	Practical	Paper	Practical	Viva
	UG Biochemistry First year only	120	80	40	240	02	31	100 (2 - papers of 50 each)	40	20	160
	PG NA										
	<b>c) Latest revision of curriculum/ syllabus in -2011- Year and their salient features.</b>										
	<p>1) Additional practical using modern technology- Uristics for urine analysis for biochemical parameters.</p> <p>2) Demonstration of estimation of serum glucose, uric acid and cholesterol by using enzyme based methods.</p> <p>3) Theory question paper pattern has been changed from June, 2016 examination. The paper consist of</p> <p>i) MCQ-10 (1 mark each)</p> <p>ii) Brief answer questions any five out of six. Each carry two marks. Total marks -10.</p> <p>iii) Short notes any four out of five. Each carry five marks. Total marks -20.</p> <p>iv) Long question one carrying 10 marks.</p> <p>Total Theory paper – I : 50 marks. Theory paper –II: 50 marks.</p>										
	<b>d) Contribution of faculty to curriculum design and Development (CDD) as</b>										
	<p>i) Member / chairman BOS/ Faculty/ BOE at parent university and other universities.</p> <p>ii) Organization of CDD workshops at the Dept / University</p> <p>iii) Participation in curriculum design and development workshops at university/Department</p> <ul style="list-style-type: none"> <li>• Two faculty are members of BOS preclinical Medical faculty</li> <li>• Two faculty are members of BOS preclinical Dental faculty</li> <li>• One faculty is member of BOS Para clinical Medical faculty</li> <li>• One faculty is member of Academic council of PIMS - DU</li> </ul>										





	<ul style="list-style-type: none"> <li>One faculty is member of BOS medical biotechnology, KIMS, Karad.</li> </ul>						
5.	<b>Interdisciplinary programmes offered by the Department and department involved</b>						
	Name of Programs offered by our department		Involved Departments				
		Within the institute	Of the other institute				
	DMLT (Biochemistry)	Microbiology, Pathology	----				
<b>Nature of involvement:</b> Posting of students in Department of Microbiology and Department of Pathology							
6.	<b>Courses in collaboration with other universities, industries, foreign institution etc</b>			-----			
7.	<b>Details of programs discontinued, if any with reasons</b>			B.P.Th – Biochemistry course discontinued by college of Physiotherapy - 2014			
8.	<b>Examination System</b>		√Annual				
9.	<b>Participation of the department in the courses offered by other departments</b>		BDS Biochemistry for first year in collaboration with department of physiology				
10.	<b>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</b>						
	<b>(a) Teachers</b>						
	<b>S.N.</b>	<b>Required as per MCI/DCI/INC/UGC/ Other Statutory bodies</b>		<b>Actual Faculty Strength (Recruited or filled)</b>			
			<b>Male</b>	<b>Female</b>	<b>Total</b>		
	i	Professor - 01		01	---	01	
	ii	Associate Professor Reader - 02		---	01	01	
	iii	Assistant Professor Lecturer – 03		03	--	03	
	Sub Total( I to iii)			04	01	05	
	iv	Tutor - 04		03	01	04	
	Sub Total( iv to vii) -			03	01	04	
	Grant Total ( i to vii) -			07	02	09	
	<b>(b)</b>						
	Qualification Profile of Teachers		M	F	Total		
	With P.G. Degree Only		03	---	03		
With higher qualification than PG (Ph.D/D.Sc.)		01	01	02			
Teachers Pursuing Higher Degrees		01	---	01			
11	<b>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</b>						
	<b>a) Faculty (as UG/PG teachers) (Internal):</b>						
Sr. No	Name of Teaching Staff	Qualification	Designation	Area of Specialization	Teaching Experience in Years	No. of PG Students	Guided
01	Dr. S. N. Jangle	MSc (Biochem) - 1974 PhD (Biochem) - 1978 MSc (Med Biochem) -1986 PhD (Med.Biochem) – 199	Professor & HOD	Nutrition, Clinical Biochemistry, Poly Herbal	32 years		



					formulation			
02	Dr. Preeti Padmanabhan	MSc (Med Biochem) - 2000 PhD (Med.Biochem) -2014	Associate Professor	Clinical Biochemistry	13 years,			
03	Mr. K. N. Hotkar	MSc (Med Biochem) -1996	Asst. Professor	Clinical Biochemistry	19 years			
04	Dr. Gajanan D. Dhokikar	M.D. (Biochem.) - 2014	Asst. Professor	Clinical Biochemistry	3 year 2 months			
05	Dr. Shyam K. Kulkarni	M.D. (Biochem.) - 2011	Asst. Professor	Clinical Biochemistry	2 year,			
06	Mr. V. D. Nagarkar	M.Sc. ( Biochem)	Tutor	Clinical Biochemistry	24 yrs			
07	Dr. Neelam S. Kute	MBBS - 2003	Tutor	Clinical Biochemistry	12 yrs			
08	Dr. Santosh A. Tirmakhe	MBBS – 2014	Tutor	Clinical Biochemistry	08 months			
09	Dr. S. Gavane	MBBS – 2014	Tutor	Clinical Biochemistry	05 months			
<b>(b) Faculty of the Department as Ph.D. Guides (Internal as well as External) (as on this day)</b>								
Sr. No	Name of the Ph.D. Guide		External or Internal	No. of Ph.D. Students of University				
				<b>Guiding</b>	<b>Guided &amp; Awarded</b>			
01	Dr. S. N. Jangle		Internal	03	01			
12	<b>List of senior Visiting Fellows, adjunct faculty, emeritus professors : (as on this day)- Not Applicable</b>							
13	<b>Percentage of classes taken by temporary faculty programme wise information</b>					:	Not Applicable	
14	<b>Programme wise Teacher Student Ratio</b>		:	<b>Teacher Student Ratio</b>				
	<b>UG</b>			10:125				
	<b>PG ( Diploma)</b>			03:03				
	<b>Ph.D.</b>			01:04				
15	<b>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</b>							
Sr. No.	Staff	Required as per statutory Bodies		Filled / Actual				
				M	F	Total		
1	Administrative	01		01	---	01		
2	Technical	02		--	02	02		
	CCL	15		09	06	15		
3	Support	02		02		02		
	CCL	01		--	01	01		
	<b>Total</b>	<b>21</b>		<b>12</b>	<b>09</b>	<b>21</b>		
16	<b>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</b>							
1) Polyherbal preparation								
- i) characterization by using SEM and TEM								
ii) protective effect on – experimental models of								
a) hepatotoxicity								
b) radioprotection								
c) hepatocellular carcinoma								
d) antioxidant properties using various in-vitro, in-vivo and ex-vivo								
e) by using biochemical , histopathological and immunohistology technique								



17	<i>Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise : (For the last 5 Years)</i> <i>i) - 05 - faculty of the department are involved in -21- Research</i> <i>Abstract of projects- projects10 ongoing + 11 completed . All are sponsoring by PIMS (DU)</i>		
<i>The details of projects are as follows:</i>			
<i>a) Ongoing Projects of Faculty (as on this day): All are sponsored by PIMS (DU).</i>			
	Sr. No.	PI, Co-PI and Project Title	Duration (Yr.)
	01	PI- Dr S.N. Jangle Co-PI Dr.P.Padmanabhan” Hepatoprotective effects of PRA – 5, E – PRA – 5 as compared to Silymarin on D-galactose amine induced hepatitis in mice : Histological and immunohistological study”	6 months
	02	PI- Dr S.N. Jangle Co-PI Dr.P.Padmanabhan “Hepatoprotective effects of PRA-5as compared to Silymarin on carbon tetrachloride induced damage in mice : Histological and immunohistological study”	5 months
	03	PI- Dr S.N. Jangle Co-PI Dr.P.Padmanabhan “Hepatoprotective effects of PRA - 5 on N - nitroso diethyl amine induced hepatocellular carcinoma in rats”	7 months
	04	PI- Dr S.N. Jangle Co-PI Dr.P.Padmanabhan “Protective effect of PRA – 5 and E-PRA – 5 against injury in mice : Histological and immuno histological study”	6 months
	05	PI- Dr P.Padmanabhan Co-PI Dr S.N. Jangle “Radio protective effect of herbal preparation (HP – 4) in radiation injury induced in mice : Histological and immuno histological study”	4 months
	06	PI- Dr P.Padmanabhan Co-PI Dr S.N. Jangle “Hepatoprotective effects of herbal preparation (HP-4) against hepatocellular carcinoma induces N-nitroso diethyl amine in rats”	7 months
	07	PI- Dr P.Padmanabhan Co-PI Dr S.N. Jangle “Hepatoprotective activity of herbal preparation (HP-4) and E- HP-4 as compared to Silymarin on carbon tetrachloride induced damage in mice : Histological and immunohistological study”	6 months
	08	PI- Dr P.Padmanabhan Co-PI Dr S.N. Jangle “Hepatoprotective activity of herbal preparation (HP-4) and E- HP-4 as compared to Silymarin on D-galactose amine induced hepatitis in mice : Histological and immunohistological study”	6 months
	09	PI- Dr P.Padmanabhan Co-PI Dr S.N. Jangle “Hepatoprotective effects of as compared to Silymarin on carbene tetrachloride induced damage in mice : Histological and immunohistological study”	6 months
	10	PI- Mr.K.N.Hotkar Study to improve radiotherapy with deoxy – D- glucose and antioxidant plant extract	5 years
<i>b) Completed Projects of the faculty ( last 5 Years): All were sponsored by PIMS (DU).</i>			
	Sr. No.	PI, Co-PI and Project Title	Duration (Yr.)
	01	PI- Padmanabhan P, Co-PI Hotkar KN, Nagarkar VD, Jangle SN Estimation of various fractions of bilirubin in Neonatal Jaundice	
	02	PI- Dr. S. N. Jangle Radioprotective Effects of PRA-5, a Polyherbal Formulation Following Whole Body Exposure to Gamma Radiations in Mice	4 years
	03	PI- Dr. P. Padmanabhan, Co-PI- Dr. S. N. Jangle, Dr. R. Kunkulol- Study of Prior Preparedness and Awareness regarding the MBBS course amongst first year students admitted at Rural Medical College, of PIMS-DU, Loni	6 months



	04	PI- Dr. P. Padmanabhan, Co-PI- Dr. S. N. Jangle, Dr. R. Karle- Assessment of Attitude and Approach adopted for studying Biochemistry amongst First year MBBS students	6 months			
	05	PI- Dr. P. Padmanabhan, Co-PI- Dr. S. N. Jangle, -Hepatoprotective Activity of Herbal Preparation (HP-4) against Alcohol induced hepatotoxicity in mice.	6 months			
	06	PI- Dr. P. Padmanabhan, Co-PI- Dr. S. N. Jangle, - Hepatoprotective Activity of Herbal Preparation (HP-4) against D-Galactosamine induced hepatotoxicity in mice.	6 months			
	07	PI- Dr. P. Padmanabhan, Co-PI- Dr. S. N. Jangle, -Hepatoprotective Activity of Herbal Preparation (HP-4) against Carbontetrachloride induced Hepatotoxicity in Mice.	6 months			
	08	PI- Dr. P. Padmanabhan, Co-PI- Dr. S. N. Jangle, -Hepatoprotective Activity Of Herbal Preparation (Hp-4) Against Paracetamol Induced Hepatotoxicity In Mice.	6 months			
	09	PI- Dr. P. Padmanabhan, Co-PI- Dr. S. N. Jangle, -Evaluation of <i>In- vitro</i> Anti-inflammatory activity of Herbal Preparation, a combination of four medicinal plants.	6months			
	10	PI- Dr. P. Padmanabhan, Co-PI- Dr. S. N. Jangle, - In-Vitro Antioxidant Potential of a Herbal Preparation containing four selected medicinal plants.	6months			
	11	PI- Dr. P. Padmanabhan, Co-PI- Dr. S. N. Jangle, -Evaluation of DPPH radical scavenging activity and Reducing Power of four selected medicinal plants and their combination. PIMS	6months			
<b>18.</b>	<b><i>Inter- institutional collaborative projects of faculty &amp; associated grants received (including clinical trials) excluding those included a Sr. No.16 (For the last 5 Years) (as on this day)</i></b>		Nil			
<b>19</b>	<b><i>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)</i></b>					
		<b>Research Projects under taken by</b>	<b>Data as given under sl. No. of DER</b>	<b>Total Projects</b>	<b>On going</b>	<b>Completed</b>
	(a)	The faculty Funded by Department or University	21	21	10	11
		<b>Total</b>	21	21	10	11
<b>20.</b>	<b><i>(a) Research Facility / Center and recognition by state / National / International agencies.(as on this day)</i></b>		CCL Biochemistry regularly participating in external quality control program of Christian Medical College Vellore and The VIS is less than 100.			
	<b><i>In the department (Details of facilities in brief)</i></b>		Spectrophotometer, Centrifuge Machines from CCL Biochemistry Auto analyzers			
	<b><i>In other department (Details of facilities by the department) used by us.</i></b>		Department of Biotechnology – Kodak camera for image analysis, Inverted microscope, Co2 incubator From Pathology – Image scanner, Special staining for histopathology, immuno histochemistry			
<b>21.</b>	<b><i>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization of any.</i></b>		Nil			
<b>22.</b>	<b><i>Publication data of last 5 years Publications in peer reviews journals and conference proceeding (ISSN)</i></b>		<b><i>National –02 International----14- Other-----</i></b>			



						<b>Total—16--</b>
	<i>Publication in Non-Peer reviewed Journals / conference proceeding ) - NA</i>					<b>National ----- International-----</b>
						<b>Other----- Total-----</b>
	<i>No. of Monographs (ISBN/NON ISBN)</i>					<b>: 02 – Non - ISBN</b>
	<i>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc. )- Data from Emerge data</i>					
	<i>No. of Citation Index – range / average SNIP SJR Impact Factor- range/average</i>					<b>: Details given in Criteria III and Emerge Data</b>
	<i>h-index</i>					<b>: Dr.S.N.Jangle Citations-116, h-index -04 <hr/>Dr.P.Padmanabhan Citation -104, h-index -03</b>
23.	<i>Details of patents filed / granted and income generated (5 Years data)-</i>					<b>: Filled one (in process) (Indian) No.3369/MU/M/2011</b>
24.	<i>Areas of consultancy and income generated(5 Years data)-</i>					<b>: Honourary Consultancy</b>
25	<i>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data) - Nil</i>					
26.	<i>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data)</i>					
	<i>Total no. of faculty</i>	<i>Inter-national level</i>	<i>National Level</i>	<i>State Level</i>	<i>Others</i>	<i>Total</i>
	<b>03</b>			01	03	03
	<b>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data)</b>					
		<i>Total</i>	<i>Inter-National Level</i>	<i>National Level</i>	<i>State Level</i>	<i>Others level</i>
	<i>Editor</i>	01	10	-	-	-
	<b>MEMBER OF EDITORIAL BOARD- DR.S.N.JANGLE</b>					
	1	Advisory Editor	International Journal of applied Sciences and Biotechnology			
	2	Advisory Editor	Journal of Medical Sciences and Technology			
	3	Advisory Editor	International Journal of Medical Research Review and			
	4	Advisory Board	International Journal of Clinical Biochemistry and Research			
	5	Member – Editorial Board	International Research Journal of Pharmacy			
	6		International Journal of Innovation in Pharmaceutical Sciences			
	7		International Journal of Medical Research and Health Sciences			
	8		Indian Journal of Research in Pharmacy and Biotechnology			
	9		World Journal of Pharmacy and Pharmaceutical Sciences			
	10		Internet Journal of Medical Update			
27	<i>Faculty recharging strategies (UGC, ASC/ MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)</i>					





Sr. No.	Type of the Programme	No. of FDPs participated			Total		
		College Level	State / University Level	National Level International Level			
1	Orientation/Refresher/MET/CME	01	01	01	03		
2	Workshop/Seminar/Symposium/ conferences	01			01		
3	FDPs (guest lecture, training, CM, CPC, etc.)	01			01		
<b>28</b>	<b>Students Projects: - Nil</b>						
<b>29</b>	<b>a) Research Awards/recognitions received at the national and international level (5 Years data)</b>						
	<ul style="list-style-type: none"> <li>Dr.P.Padmanabhan received chancellors trophy of Pravara Institute of Medical Sciences (DU) Loni in the year 2014 for best research paper</li> </ul>						
<b>30</b>	<b>Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data)</b>						
		Total		Funding Source	No. of participants	No. of Resource Persons	
	Seminar (S)	02	02	PIMS	130	8	
	Symposia (S)						
	Conference (C)						
	Workshops (W)	01	01	PIMS	130	2	
	FDPs	01	01	PIMS	150	1	
	Total	04	04		280	11	
<b>31</b>	<b>Code of ethics for research followed by the departments</b>			:	As per Institutional Ethical Committee For animal experiments CPCSEA		
<b>32</b>	<b>Student Profile programme-wise</b>			:			
	a) PG Programme Name of the Programme : DMLT						
	b) UG Students Name of the subject and course						
	Academic Year	No. of Application Received for PG CET	CET Pass %	No of Students Selected through CET			
				M	F	T	
	2011-12	2257	68.42	54	71	125	
	2012-13	3568	66.85	56	69	125	
	2013-14	2913	70.21	65	60	125	
	2014-15	2496	65.76	53	72	125	
	2015-16	2778	64.09	61	64	125	
	2011-12	2257	68.42	54	71	125	
	No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year : Not Applicable						
	<b>Results of University examination for the subject taught by the Department Biochemistry</b>						
	Name of the Subject	Academic Year (For Outgoing Batch)	Total Students Appeared	No of Students passed	Pass % of Dept. Subject	% of 1 <sup>st</sup> Class	1 <sup>st</sup> Class with Distinc



									tion
	Biochemistry	2010	2011	136	116	85.29	79	05	
		2011	2012	132	119	90.15	78.15	11	
		2012	2013	129	120	93	78.3	07	
		2013	2014	127	107	84.2	65.4	02	
		2014	2015	131	114	87.02	74	03	
		2015	2016	130	121	93.07	81	11	
<b>33</b>	<b>Diversity of Students : a) PG Programme - NA</b>								
	<b>b) UG Programme</b>								
	Name of the Course refer to question no. 4	Year	No. and % of students from same university		No. and % of students from other universities within the state		No. and % of students from Universities outside the state		No. and % of students from other Countries
			<i>No.of Student</i>	<i>%age</i>	<i>No.of Student</i>	<i>%age</i>	<i>No.of Student</i>	<i>%age</i>	<i>No.of Student</i>
	MBBS	2010	-	-	81	64.80	44	36.20	-
		2011	-	-	110	88	15	12	-
		2012	-	-	115	92	10	08	-
		2013	-	-	100	80	25	20	-
		2014	-	-	74	59.20	51	40.80	-
		2015	-	-	83	66.40	42	33.60	-
<b>34</b>	<b>How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.)- :ECFMG (Educational Commission for Foreign Medical Graduates)/EICS( ECFMG International Credential Services) - 104</b>								
<b>35</b>	<b>Student progression:</b>				:	<b>Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)- More than 70%</b>			
<b>36.</b>	<b>Diversity of Staff as on this day</b>								
	<b>Number and % Diversity of Staff belonging to Same State/UT 10 No. &amp; 100%</b>						<b>% Staff who have obtained PG Degree from Other Universities of the State No. 06 &amp; 60..%</b>		
<b>37</b>	<b>Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) :- 02</b>								
	Sr. No	Name of Researcher		Name of Guide		Year of Award		Subject	
	01	Dr.S.N.Jangle		Dr.S.R.Pattan .		2011		Medical Biotechnology	
	02	Dr.P.Padmanabhan		Dr.S.N.Jangle		2014		Medical Biochemistry	
<b>38</b>	<b>Present details of departmental infrastructural facilities with regard to :</b>								
	<b>A) Infrastructural facility (Common to all departments)</b>								
	<b>a) Library (dept): No. of Collections Book/Journal/ Project Report Central Library books and Journal belonging to our department (both print and e mode)</b>				:	113 books in departmental library 519 books central library 02 journals in departmental library. 02 journals in central library			
	<b>b) Internet facilities for staff and students</b>				:	Yes			
	<b>c) Total number of class rooms, seminar halls/</b>				:	Class Rooms: Common			



	<i>demonstration rooms, auditorium ( Exclusive &amp; Inclusive)</i>			Demo Rooms:03 Seminar Halls:01 Auditorium--Common- Others:01- research room and 01 UG Lab. capacity 128 students		
	<i>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive)</i>		:	Yes, All class rooms equipped with LCD facility.		
	<i>e) Students laboratories at the Department</i>		:	Available 01 with capacity 128 students		
	<i>f) Research Laboratories of the Dept.</i>			01		
	<i>g) Museum at the Department and no. of specimen, charts, Modules etc.</i>		:	NA		
	<i>Patient's Feedback</i>	<i>GHP / GLP / SOPs</i>		<i>Submission of Compliance / Follow-up Reports to National /State Agencies</i>		
	YES	-		-		
	<i>C) Para clinical learning resource (CCL Radiology &amp; Departmental Diagnostic Lab) Data &amp; Report : Details on Sophisticated diagnostic equipments and facilities , No. of diagnostic tests (Average per day and annual)- Per day 2000 test which includes Diabetic profile, Liver kidney profile, Thyroid and fertility</i>					
	<ol style="list-style-type: none"> <li>1. Vitros – 250 Dry Chemistry Analyzer – 01</li> <li>2. Vitros – FS 5,1 Dry Chemistry Analyzer – 01</li> <li>3. Vitros – ECI Immunochemistry Analyzer – 01</li> <li>4. Blood Gas Analyzers – Gem - 02</li> <li>5. Semi Auto Analyzer ERBA – 03</li> <li>6. Electrolyte Analyzer - Easylyte PLUS Na/K/Cl Analyzer (medical) SMD – 01</li> </ol>					
	<i>D) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well)</i>		:	Department of Pathology and Center for Biotechnology		
39	<i>No. of doctoral post- doctoral students and Research Associates / PDF working</i>		:	03 - registered for PhD		
	From	Doctoral Student	PDF	RA	Others	Total
	Host Institution	04				04
	Number of Research Pdf/RA receiving fellowship from central agency / University----NA- No. of Ph.D. Awarded by the Dept during last 5 years: ---01-----					
	Sr.No	Name of the Candidate	Year of Registration	Subject	Faculty	
	01	Mr.K.N.Hotkar	2011	Medical Biochemistry	Medical	
	02	Miss.T.S.Bansode	2012	Biochemistry	Medical	
	03	Mrs.N.S.Pawar	2012	Biochemistry Science	Science	
	04	Mr.V.M.Walunjkar	2012	Biochemistry Science	Science	
40	<i>(a) Number of students getting financial assistance from the university - NA</i>					
	<i>Ph.D. Students getting assistance from the University –Research Facility</i>					
41	<i>Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology : - NA</i>					
42	<i>Does the department obtain feedback from</i>					
	Sr. No.	From	Yes/No	Feedback Digital and Manual	How the feedback analysis is used for improvement	
	1	Student	Yes	Digital and Manual	Necessary corrective	



					measures such as additional practice test as per demand.
	2	Faculty	Yes	Digital and Manual	----
	3	Alumni / Parents/ Employer	Yes	Digital and Manual	----
43	<p><i>List the distinguished alumni of the department (Maximum 10) ( UG student or PG Student belonging to the subject) -</i></p>			:	Dr. Preeti Padmanabhan Asso. Prof. Dept. of Biochemistry, RMC, Loni.
44	<p><i>Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</i></p> <p><b>The department conducts series of student enrichment programmes round the annual year. All the students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under</b></p>				
	Sr. No.	Event (SEP) UG + PG	No. Events	No. of Prominent Experts	
				External Experts	
	01	Guest Lecture on Lead & its toxic effects.	01	Dr.Arun J Patil	
	02	Student Seminar 1.Thyroid function test. 2. Liver function test.	01 01	Dr. S. N. Jangle Dr. Preeti Padmanabhan	
45	<p><i>a) List the teaching methods adopted by the faculty for different programmes:</i></p> <ul style="list-style-type: none"> <li>• Diadectic Lecture using LCD</li> <li>• Case based studies</li> <li>• Practice test.</li> <li>• Computer based MCQ test.</li> <li>• Lecture cum Demonstration</li> <li>• Group Discussion.</li> </ul> <p>A: Traditional B: Blended C: ICT enabled D: Learning Centric Approach E: Beyond Curriculum Scholarly activities.</p> <p><i>b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling, )</i></p> <p>1) Orientation in the first lecture overall orientation regarding theory, practical, internal assessment and examination pattern is explained is done;</p> <p>2) Remedial action is taken students securing less marks than expected are guided regarding how to study and their doubts are cleared.</p> <p>3) Mentoring of some student Mentoring system is existing for first MBBS students and four teachers from Biochemistry are allotted a group of 15 students.</p> <p>4) Counseling of the students individually or in group is carried out as and when needed at departmental level.</p>				
46	<p><i>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?</i> – Monthly departmental meetings for planning and review of administration, teaching programme is reviewed.</p>				
47	<p><i>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive)</i></p> <p><i>e) Involvement of student and faculty in various type of extension activity organized by the dept.</i></p>				
	Sr. No.	No. of Camps/Workshops/ Surveys/Training/Rallies/Lectures/Celebrat	Academic Year	Beneficiaries	



		ions/ any other events.		
	01	CCL Biochemistry technical staff	During health and specialized health's camps organized by PMT	Village and Tribal People school children
	f) <b><i>Our faculty is involved extension in health awareness programs organized by the college / University through lectures, rally, camps/ training. as HR / Contributions</i></b>			
48	<b><i>Give details of "beyond syllabus scholarly activities" of the department :</i></b> <ul style="list-style-type: none"> <li>• Student seminar- Thyroid function test, Liver function test.</li> <li>• Guest Lecture- Lead and its toxicity.</li> <li>• Orientation of CCL technician by clinical ortho diagnostic center.</li> <li>• One day workshop on quality control.</li> <li>• Problem based learning.</li> </ul>			
49	<b><i>State whether the programme / department is accredited / graded by other agencies? If yes, give details : -CCL biochemistry participant in monthly external quality control programme of CMC vellore. monthly QC report obtained &amp; certificate of participation obtained annually.</i></b>			
50	<b><i>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied ( based on published research articles, paper, projects, books, Patents etc.:-</i></b> <b><i>b) Salient and unique feature of Department.</i></b> <ol style="list-style-type: none"> <li>1. Orientation</li> <li>2. Record Book for practical</li> <li>3. Regular practice tests covering syllabus</li> <li>4. Mentoring students</li> <li>5. Computer based MCQ tests</li> <li>6. Maintaining the progress report</li> <li>7. Extra coaching for underachievers</li> <li>8. Case based studies for problem solving skills</li> <li>9. Multiple sets of question papers</li> </ol> <b><i>c) Innovation of the Department.</i></b> - Thrust area for research: <ol style="list-style-type: none"> <li>1. Formulation of Medicinal Plant Extracts and their Nano encapsulation and assessing their beneficial effects and its mechanisms for experimental Animal Models for Hepato toxicity, Radioprotection and Hepato cellular carcinoma</li> </ol> <b><i>d) Best practice of the Department</i></b> (Based on academic programmes, research, Teaching-Learning, Evaluation, Extension, consultancy, collaboration, welfare, governance, quality, enrichment awareness, publication etc.) <ol style="list-style-type: none"> <li>1. By adopting Dry Technology for Biochemical Investigations in Central Clinical Laboratory, the Institute is saving about 3.25 Lacs liters of water annually.</li> </ol>			
51	<b><i>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department : (Important or major ones) in bullet form.</i></b> <b><i>SWOC</i></b>			
	<b>Strength</b>	<b>Weaknesses</b>	<b>Opportunities</b>	<b>Challenges</b>
	• Punctual and sincere faculty member	• Funding from international agencies.	• Strengthening inter-university/industry collaborations	• To motivate undergraduate students to undertake minor research project work.
	• Supportive and diligent non teaching and technical staff	• Lack of National / state and regional collaborations		To Introduce MD & PG Course
52	<b><i>Future Plan</i></b> <ul style="list-style-type: none"> <li>• Complete automization of Central clinical Laboratory</li> <li>• MOU with Indian National Research Centre</li> </ul>			





	<ul style="list-style-type: none"><li>• Computer based tests for MCQ's</li></ul>
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---Sd/--  
Name & Signature  
(Head of the Dept.)

---Sd/--  
Name & Signature  
Dean of the college



## Department of Pharmacology



**Rural Medical College**  
**Pravara Institute of Medical Sciences**  
**(Deemed University)**





**Pravara Institute of Medical Sciences (Deemed University)  
Rural Medical College Loni.  
Departmental Evaluative Report  
Based on the date of 5 years :2010-11 to 2015-16**

1.	<i>Name of the Department</i>		:	<b>PHARMACOLOGY</b>										
2.	<i>Year of establishment</i>		:	1984										
3.	<i>Is the Department part of a School/Faculty of the university?</i>		:	Rural Medical College, Loni										
4.	<i>a) Names of programmes offered</i>		:	<b>As on this day</b>										
	<b>Prog.</b>	<b>Course / Subject Pharmacology</b>	<b>Year of Establishment</b>	<b>Intake per year</b>	<b>Fresh enrollment for academic year</b>	<b>Total Student Strength</b>								
	UG	MBBS	1984	125	125	II/I- 102, II/II- 15, II/III- 118,								
	PG	MD Pharmacology	1991 2012	01 03	03	04								
	Ph.D	Ph.D	2011	01	Nil	Nil								
	Any other (SS/innovative) Certificate / Diploma	M.Sc Pharmacology	2010	01	01	First year-1 Second year- 1								
	Total	1+1+1+1	-	-	-	-								
	<i>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</i>													
	course	Total Hours of Teaching – Learning				No. of Papers & Practical to be Taught			Marks for University exam					
		Theo ry	Pract ical	Ot her	To tal	Pape r	Practi cal	Oth ers	Pape r	Practica l	Viv a	Dis s	Total	
	UG MBBS	100	200	-	300	2	100	-	80	25	15	-	120	
		-	-	-	-	-	-	-	-	-	-	-	-	
	PG MD	-	-	-	-	-	-	-	400	300	100	-	800	
	<i>c) Latest revision of curriculum/ syllabus in 2016 Year and their salient features.</i>													
	<i>d) Contribution of faculty to curriculum design and Development (CDD) as</i>													
	i) Member / chairman BOS/ Faculty/ BOE at parent university and other universities.													
	ii) Organization of CDD workshops at the Dept / University													
	iii) Participation in curriculum design and development workshops at university/Department													
6.	<i>Courses in collaboration with other universities, industries, foreign institution etc</i>								Nil					
7.	<i>Details of programs discontinued, if any with reasons</i>								Nil					
8.	<i>Examination System</i>								Annual					
9.	<i>Participation of the department in the courses offered by other departments</i>								Nil					
10.	<i>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</i>													
	<i>(a) Teachers</i>													
	<b>S.N.</b>	<b>Required as per MCI /DCI / INC/ UGC / Other Statutory bodies</b>				<b>Actual Faculty Strength (Recruited or filled)</b>								
						<b>Male</b>		<b>Female</b>		<b>Total</b>				
	<i>i</i>	Professor-1				3		0		3				
	<i>ii</i>	Associate Professor Reader-				0		0		0				



		2						
	iii	Assistant Professor Lecturer- 3	1	1	3			
	<b>Sub Total( I to iii)</b>	06	04	01	05			
	iv	Demonstrator	0	0	0			
	v	Tutor- 4	0	0	0			
	vi	Senior Resident	0	1	1			
	vii	Junior Resident	2	1	3			
	<b>Sub Total( iv to vii)</b>	4	2	2	4			
	<b>Grant Total ( i to vii)</b>	10	6	3	9			
	<i>(b)</i>							
	<b>Qualification Profile of Teachers</b>		<i>M</i>	<i>F</i>	<i>Total</i>			
	<b>With P.G. Degree Only</b>		5	0	5			
	<b>With higher qualification than PG (Ph.D/D.Sc.)</b>		-	-	-			
	<b>Other Higher Qualification (MRCP/PRCP/DM.M.Ch. etc.)</b>		-	-	-			
	<b>Teachers Pursuing Higher Degrees</b>		-	-	Nil			
11	<b>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</b>							
	<b>a) Faculty (as UG/PG teachers) (Internal):</b>							
	Sr.No	Name of Teaching Staff	Qualification	Designation	Area of Specialization	Teaching Experience in Years	No. of PG Students	
							Guiding    Guided	
	1	Dr. D H Nandal	MD Pharmacology	Professor and Head	CVS	40 years	2    4	
	2	Dr. Rahul Kunkulol	MD Pharmacology	Professor	Research	14 years	1    -	
	3	Dr. R B Pawade	MD Pharmacology	Professor	ANS	11 years	1    -	
	4	Mrs.Geeta Patil	MD Pharmacology	Assistant Professor	CVS	17 years	-    -	
	5	Dr. Sandeep Narwane	MD Pharmacology	Assistant Professor	Research	5 years	-    -	
	<b>(b) Faculty of the Department as Ph.D. Guides (Internal as well as External) (as on this day)</b>							
	Sr. No	Name of the Ph.D. Guide	External or Internal		No. of Ph.D. Students of University			
					Guiding	Guided & Awarded		
	1	Dr. D H Nandal	Internal		6	1		
	2	Dr. Rahul Kunkulol	Internal		4	0		
14	<b>Programme wise Teacher Student Ratio</b>				:	<b>Teacher Student Ratio</b>		
	<b>Programme</b>							
	<b>UG</b>					1:9.6		
	<b>PG</b>					1:1.3		
	<b>Ph.D.</b>					1:5		
15	<b>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on</b>							





<i>this day)</i>								
Sr. No.	Staff	Name of the Post	Required as per statutory Bodies	Filled / Actual				
				M	F	Total		
1	Administrative	Clerk	01	2	1	3		
2	Technical	Technician	0	2	2	2		
3	Support	Attendant	04	6	0	4		
	Total	-	-	10	3	13		
<b>16</b>	<b>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</b>							
	1. Diabetes Mellitus II 2. Drug utility studies 3. Hypertension 4. Chemotherapy 5. Over the counter drugs							
<b>17</b>	<b>Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise : (For the last 5 Years)</b>							
	<b>i) In projects, all ongoing, all sponsored by PIMS(DU)</b>							
	<b>No. Project Funded by</b>	No. of ongoing projects (a)	No. Completed Projects (b)	Total Projects (a+b)				
	<b>University and Dept.</b>	12	Nil	12				
	<i>The details of projects are given in the Annexure :- III</i>							
<b>18</b>	<b>Collaborative Research Projects - Nil</b>							
<b>19</b>	<b>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)</b>							
	<b>Research Projects under taken by</b>	<b>Data as given under sl. No. of DER</b>	<b>Total Projects</b>	<b>On going</b>	<b>Completed</b>	<b>Amount Received</b>	<b>Total Rs Lakhs</b>	
						<b>On</b>	<b>Completed</b>	
(a)	The faculty Funded by Department or University	17	12	12	0	-	-	-
(b)	Inter-Institution / Industry Projects (collaborate) including clinical trials	18	-	-	-	-	-	-
(c)	UG student STS ICMR Projects	24	6	0	6	-	-	-
	<b>Total</b>		18	0	6	-	-	-
<b>22.</b>	<b>Publication data of last 5 years</b>				<b>National ---5----- International----25-----</b>			
	<b>Publications in peer reviews journals and conference proceeding (ISSN)</b>				<b>Other----- Total: 30</b> Annexue :- II			
	<b>Publication in Non-Peer reviewed Journals / conference proceeding)</b>				Nil			
	<b>No. of Monographs/ Books/ Edited Books/Chapters (ISBN/NON ISBN)</b>				:	Nil		
	<b>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.)</b>							
	<b>Research publication included and listed in international database are 23 Out of total publication- Annexure :- II</b>							





	<i>No. of Citation Index – range / average</i>	:	<b>Details given in Criteria III and Emerge Data</b>								
	<i>SNIP</i>	:									
	<i>SJR</i>	:									
	<i>Impact Factor- range/average</i>	:									
	<i>h-index</i>	:									
25	<i>No. of faculty were selected to visit L/I in India and abroad. (Laboratories, Institutions, Industries)</i> The details are as follows : <b>Nil</b>										
26.	<i>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data)- Annexue ;- V : 5</i> <b>Faculty are serving as Member of Board of Studies.</b>										
	<i>(a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data): 3 Faculty are members of Pofessional Bodies (National)</i>										
	<i>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data)</i>										
		<i>Total</i>			<i>Inter-National Level</i>						
	<i>Editor</i>	<i>1(Dr. R R Kunkulol - IJMRSH)</i>			<i>1</i>						
	<i>EB</i>	<i>-</i>			<i>-</i>						
	<i>Peer Reviewer</i>	<i>1 (Dr. S P Narwane- IJMRSH)</i>			<i>1</i>						
27.	<i>Faculty recharging strategies (UGC, ASC/MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)- Annexue ;- IV</i>										
	Sr. No.	Type of the Programme			No. of FDPs participated			Total			
					College Level	International Level					
	1	Orientation/Refresher/MET/CME									
	2	Workshop/Seminar/ Symposium/ conferences			13	1		14			
	3	FDPs (guest lecture, training, CM, CPC, etc.)			18	-		18			
28.	<i>Students Projects:</i> The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)										
	Sr. No.	UG Projects (Including ICMR, STS)			PG Projects			PG Dissertations			
		Ongoing	Completed	Total	Ongoing	Completed	Total	Ongoin g	Compl eted	Total	
	1	-	6	6	1	0	1	4	5	9	
30.	<i>Seminars/Conferences/Workshop/Skill based/Training workshops : 3 MET workshops organized at RMC level.</i>										
		Total	Inter-National	National	State	Univ / College Level	Funding Source	No. of partici pants	No. of Resource Persons		
	Worksho ps (W)	3	-	-	-	3 (MET)	-	-	-		
	Total	3	-	-	-	3	-	-	-		
31.	<i>Code of ethics for research followed by the departments</i>							:	Yes, ICMR		
32.	<i>Student Profile programme-wise</i>								:		
	No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year										
	Academic Year of Outgoing batch				No. of Students						



		Appeared	Pass	Pass %	
2012-13		1	1	100	
2013-14		1	1	100	
2014-15		1	1	100	
<b>Results of University examination for the subject taught by the Department (Eg. Anatomy, Physiology etc.)</b>					
Name of the Subject	Academic Year (For Outgoing Batch)	Total Students Appeared	No of Students passed	Pass % of Dept. Subject	
Pharmacology	2010	2011	108	99	91.66
Pharmacology	2011	2012	115	109	94.78
Pharmacology	2012	2013	113	107	96.12
Pharmacology	2013	2014	95	89	93.68
Pharmacology	2014	2015	114	110	69.5
Pharmacology	2015	2016	26	21	80.7
<b>Note- Results only for Regular Batch.</b>					
<b>36. Diversity of Staff as on this day</b>					
<b>Number and % Diversity of Staff ( as on this day ) belonging to Same State/UT</b>			<b>% Staff who have obtained PG Degree from Other Universities of the State</b>		
6 No. & 100 %			No.6. &.....100.....%		
<b>37 Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) : One</b>					
<b>38. Present details of departmental infrastructural facilities with regard to :</b>					
<b>A) Infrastructural facility (Common to all departments)</b>					
<b>a) Library (dept): No. of Collections Book/Journal/ Project Report</b> <b>Central Library books and Journal belonging to our department (both print and e mode)</b>		Print	Ebook/ journal		
	Dept	148	18	Books	
		1	111	Journal	
	Libra ry	877	18	Books	
		9	111	Journal	
<b>b) Internet facilities for staff and students</b>	:	Wifi Facility Available			
<b>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive &amp; Inclusive)</b>	:	Class Rooms---3---Demo Rooms--3-- -- Seminar Halls----1----- Auditorium----1-----			
<b>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive)</b>	:	3			
<b>e) Students laboratories at the Department</b>	:	1			
<b>f) Research Laboratories of the Dept.</b>	:	1			
<b>g) Museum at the Department and no. of specimen, charts, Modules etc.</b>	:	129 <i>specimen, charts &amp; Modules</i>			
<b>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)</b>	:	1 Physiograph			
<b>42. Does the department obtain feedback from</b>					
Sr.No.	From	Yes/No	Feedback Manual / Digital	How the feedback analysis is used for improvement	



	1	Student	Yes	Digital Centralized and	Used to improve teaching learning and research and infrastructure	
	2	Faculty	Yes	Digital Centralized and		
	3	Alumni / Parents/ Employer	Yes	Digital Centralized and		
	<i>List the distinguished alumni of the department (Maximum 10) ( UG student or PG Student belonging to the subject)</i>				:	Name and designation with address
43.	Sr. No.	Name & Designation	Details at the PIMS University & Year		Place of work of alumni	
	1	Abhay John	2013		Cognizant, Mumbai	
	2	Abhinav David	2014		Medical College, Mirath	
	3	Prashant Patel	2015		Tata Consultancy, Mumbai	
45.	a) <i>List the teaching methods adopted by the faculty for different programmes:- NIL</i>					
	b) <i>Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling, )</i> <b>OREINTATION PROGRAMME FOR II YEAR STUDENTS</b>					
46.	<i>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? By following SPECIFIC LEARNING OBJECTIVES of Pharmacology.</i>					
50.	a) <i>Brief highlight the contributions of the department in generating new knowledge, basic or applied (published research articles, paper, projects, books, Patents etc.- NIL</i>					
	b) <i>Salient and unique feature of Department.</i> <i>SIOs preparation and introduction of OSPE in practical exams</i>					
	c) <i>Innovation of the Department: Simulation Studies</i>					
	d) <i>Best practice of the Department- ICMR STS projects, Individual Linkage</i>					
51.	<i>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department : (Important or major ones) in bullet form.</i> <b>SWOC</b>					
	Strength	Weaknesses	Opportunities	Challenges		
	All teachers in department have been trained in MET, UG/PG training, contribution to research, efficient experienced senior faculty, recognised and registered animal house	Funded Research Projects, Less demand for PG studies.	Research in health needs of rural population	Interaction and collaboration between Pharmacy industries, Pharmacy education and Pharmacology in Medical College. To know the health needs and problems of rural population.		
52.	<b>Future Plan</b>					
	Any other points the department wish to add (Not covered as per Q. No. 1 to 51 if it is significant) <ul style="list-style-type: none"> <li>• Certificate course for training of pharmacist</li> <li>• Strengthening the Pharmacovigilance unit</li> <li>• Conduct a state level conference on recent advances in medical pharmacology.</li> <li>• Conduct quiz contest for UG students</li> </ul>					

---Sd/--  
Name & Signature  
(Head of the Dept.)

---Sd/--  
Name & Signature  
Dean of the college





## Department of Pathology



**Rural Medical College**  
**Pravara Institute of Medical Sciences**  
**(Deemed University)**





**Pravara Institute of Medical Sciences (Deemed University)  
Institution: Rural Medical College, Loni  
Departmental Evaluative Report  
Based on the date of 5 years: 2010-11 to 2015-16**

1.	<i>Name of the Department</i>					:	Department of Pathology						
2.	<i>Year of establishment</i>					:	1984						
3.	<i>Is the Department part of a School/Faculty of the university?</i>					:	Faculty of Medicine Rural Medical college, PIMS (DU)						
4.	<i>a) Names of programmes offered</i>					:	As on this day 25/08/2016						
	<b>Prog.</b>	<b>Name of the Prog. Year of Establishment</b>	<b>Year of Establis hment</b>	<b>Intake per year</b>	<b>Fresh enrollment for academic year</b>	<b>Total Student Strength</b>							
	UG	II MBBS	84	125	125	II/I- 102, II/II- 15, II/III- 118,							
	PG	MD	91	2	2	6							
	P.G. Diploma	DCP	91	3	3	5							
	Diploma	DMLT	93	10	-	-							
	Ph.D	PhD	91	-	-	-							
	Any other	CMLT	93	10	-	-							
<b>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</b>													
	Name of Subject & course	Total Hours of Teaching – Learning				No. of Papers & Practical to be Taught			Marks for University exam				
		T	P	Oth	Total	Pap er	P	Oth	Pa	Pra c.	Vi va	Dis s	Total
	UG Pathology	100	120	80	300	2	1	0	80	25	15	-	120
	PG MD Pathology	PG teaching includes seminar, journal club, slide seminar, grossing				4	1	0	400	400		yes	800
	Diploma in Clinical Pathology	discussions, micro-teaching, hands on learning in service laboratories for 3 years in MD and for 2 years in DCP course				3	1	0	300	300		-	600
<b>c) Latest revision of curriculum/ syllabus in 2016 Year and their salient features.</b>													
Duration of examination reduced from 3 days to 2 days, Microbiology exercise removed from MD course, Revision of titles of theory paper, Marks distribution changed.													
<b>d) Contribution of faculty to curriculum design and Development (CDD) as</b>													
1) Dean Faculty 2. Chairman BOS 3) Member Academic council and 4. Member of BOS at parent university.													
ii) Organization of CDD workshops at the University level													
5.	<b>Interdisciplinary programmes offered by the Department and department involved</b>												
	Name of Programs offered by our department					Involved Departments							
						Within the institute			Of the other institute				
	MD Pathology, DCP, DMLT, CMLT					Microbiology,			-				





		Biochemistry						
<i>Nature of involvement: Posting of students &amp; questions &amp; Exercise during the Exam</i>								
6.	<i>Courses in collaboration with other universities, industries, foreign institution etc</i>						Nil	
7.	<i>Details of programs discontinued, if any with reasons</i>						NIL	
8.	<i>Examination System</i>						Annual	
9.	<i>Participation of the department in the courses offered by other departments</i>						BDS, BPTH	
10.	<i>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</i>							
<i>(a) Teachers</i>								
S.N.	Required as per MCI		Actual Faculty Strength (Recruited or filled)					
			Male	Female	Total			
I	Professor	1	5	1	6			
II	Asso. Professor / Reader	4	Nil	2	2			
III	Assistant Professor / Lecturer	5	2	2	4			
Sub Total( I to iii)		10	7	5	12			
IV	Demonstrator							
V	Tutor	7	4	5	9			
VI	Senior Resident							
VII	Junior Resident		1	1	2			
Sub Total( IV to VII)		7	5	6	11			
Grant Total ( I to VII)		17	12	11	23			
<i>(b)</i>								
Qualification Profile of Teachers			<i>M</i>	<i>F</i>	<i>Total</i>			
With P.G. Degree Only			7	5	12			
With higher qualification than PG (Ph.D/D.Sc.)			-	-	-			
Other Higher Qualification DNB (MRCP/PRCP/DM.M.Ch. etc.)			-	1	1			
Teachers Pursuing Higher Degrees			-	-	-			
11	<i>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</i>							
<i>a) Faculty (as UG/PG teachers) (Internal):</i>								
Sr.No	Name of Teaching Staff	Qualification	Designation	Area of Specialization	Teaching Experience in Years	No. of PG Students		
						Guiding	Guided	
01	Dr. Dongre S.D.	MD	Prof. & Head	Pathology	27	1	12	
02	Dr. Karle R.R.	MD	Professor	Pathology	22	2	10	
03	Dr. Angarkar N.N.	MD	Professor	Pathology	32	1	6	
04	Dr. Ghosh D.K.	MD	Professor	Pathology	18	2	6	
05	Dr. Baviskar B.P.	MD	Professor	Pathology	26	2	3	
06	Dr. Munemane A.B.	MD	Professor	Pathology	13	2	1	
07	Dr. Somani A.A.	MD	Assoc. Professor	Pathology	17	-	-	
08	Dr. Pandure M.M.	MD	Assoc. Professor	Pathology	17	1	-	
09	Dr. Khapke D.P.	MD	Asst. Professor	Pathology	12	-	-	
10	Dr. Pargaonkar P.P.	MD	Asst. Professor	Pathology	5	-	-	
11	Dr. Gunge R.A.	MD, DNB	Asst. Professor	Pathology	4	-	-	
12	Dr. Joshi P.O.	MD	Asst. Professor	Pathology	4	-	-	
13	Dr. Patil R.A.	MBBS	Tutor	--	2	-	-	



	14	Dr. De N.M.	MBBS	Tutor	-	2	-	-	
	15	Dr. Singh S.S.	MBBS	Tutor	-	1	-	-	
	16	Dr. Torane K.T.	MBBS	Tutor	-	1	-	-	
	17	Dr. Chaudhari P.A.	MBBS	Tutor	--	0.3	-	-	
	18	Dr. Ms. Kale K.S.	MBBS	Tutor	-	0.3	-	-	
	19	Dr. Lakdawala S.H.	MBBS	Tutor	-	0.3	-	-	
	20	Dr. Ms. Singh S.R.	MBBS	Tutor	-	0.3	-	-	
	21	Dr. Kumawat S.K.	MBBS	Tutor	-	0.3	-	-	
<b>(b) Faculty of the Department as Ph.D. Guides (Internal as well as External) (as on this day)-NIL</b>									
<b>12</b>	<b>List of senior Visiting Fellows, adjunct faculty, emeritus professors : (as on this day)</b>								
	1	Dr. Prashant Jani from USA	MD. Pathology	Honorary Professor in Pathology, Onco- Pathology Specilzation – from 20 yrs of Experience.					
<b>13</b>	<b>Percentage of classes taken by temporary faculty programme wise information</b>					:	NA		
<b>14</b>	<b>Programme wise Teacher Student Ratio</b>					:			
	<b>Programme</b>						<b>Teacher Student Ratio</b>		
	<b>UG</b>						1:10		
	<b>PG</b>						1:1		
<b>15</b>	<b>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</b>								
	Sr. No.	Staff	Name of the Post		Required as per statutory Bodies		Filled / Actual		
							M		
	1	Administrative	Clerk		02		01		
	2	Technical	Lab-Technician		04		02		
	3	Support	Attendant, Sweeper		2+2		03		
		Total			10		06		
<b>16</b>	<b>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</b>								
	<ul style="list-style-type: none"> <li>• Breast cytology</li> <li>• Liver cytology</li> <li>• LBC</li> <li>• Haematology</li> <li>• Immunohistochemistry</li> <li>• Histopathology support for animal experiments</li> </ul>								
<b>17</b>	<b>Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise : (For the last 5 Years)</b>								
	<b>i) 3 - faculty of the department are involved in 2 Research projects</b>								
	<b>No. Project funded by</b>	No. of ongoing projects (a)	No. Completed Projects (b)	Total Projects (a+b)	Funds received in lakhs Total				
					For (a)				
	<b>University and Dept.</b>	2	0	2	0.205				
	<b>The details of projects are as follows:</b>								
	<b>a) Ongoing Projects of Faculty (as on this day)</b>								
	<b>b) Completed Projects of the faculty ( last 5 Years): NIL</b>								
<b>18.</b>	<b>Inter- institutional collaborative projects of faculty &amp; associated grants received (including clinical trials) excluding those</b>		<i>On going</i>	<i>Completed</i>	<i>Tot al</i>	<i>Level</i>		<i>Grants Received in Lakhs</i>	
			-	-	-	National Level collaborative Projects		-	



	<i>included a Sr. No.16) (For the last 5 Years) (as on this day)</i>					-			
		-	2	2	International Level collaborative Projects-			4	
		-	-	-	Others collaborative Projects-			-	
		-	2	2	Total collaborative Projects-			4	
<b>19</b>	<b>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)</b>								
	<b>Research Projects under taken by</b>	<b>Data as given under sl. No. of DER</b>	<b>Total Projects</b>	<b>On going</b>	<b>Completed</b>	<b>Amount Received</b>		<b>Total Rs Lakhs</b>	
						<b>On</b>	<b>Completed</b>		
(a)	The faculty ( at the Dept. ) Funded by Self or Department or University	17	1	1	-	0.2	-	0.2	
(b)	Inter-Institution / Industry Projects (collaborate) including clinical trials	18	2	-	2	-	4	4	
(c)	UG student STS ICMR Projects	28	2		2	-	20000/	0.2	
	<b>Total</b>		5	1	4	0.2	4.2	4.4	
<b>20.</b>	<i>(a) Research Facility / Center and recognition by state / National / International agencies.(as on this day)</i>								
	<i>In the department (Details of facilities in brief)</i>				Laboratory – Histopathology Cytology Haematology Clinical Pathology Immunohistochemistry, Pentahead microscopy Digital Scaning Research room Blood Bank				
	<i>In other department (Details of facilities by the department) used by us.</i>				Biochemistry- CCL				
	<i>In other college ( Details of facilities used by us)</i>				-				
	<i>At central level ( Details of facilities used by us)</i>				CBT, CCL				
<b>21.</b>	<i>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization if any.</i>				Molecular Biology of Center for Biotechnology, CCL				
<b>22.</b>	<i>Publication data of last 5 years Publications in peer reviews journals and conference proceeding (ISSN)</i>					<i>National</i>	<i>09</i>	<i>International</i>	<i>18</i>
						<i>Other</i>	<i>0</i>	<i>- Total-</i>	<i>27</i>
	<i>Monographs/ Books/ EditedBooks/ Chapter in a book</i>					<i>Nil</i>			
	<i>Research publication included and listed in international database are 25 Out of total 27 publication.</i>								
	<i>No. of Citation Index – range / average</i>				:	0-2			
	<i>SNIP</i>				:	0- 0.506			
	<i>SJR</i>				:	0 – 0.229			
	<i>Impact Factor- range/average</i>				:	0 - 1			
<b>23.</b>	<i>Details of patents filed / granted and income generated (5</i>				:	NIL			



Years data)						
24.	<b>Areas of consultancy and income generated(5 Years data)</b>		:	Paid Consultancy - Revenue Generated. Rs 1 Lakhs (Second Opinion & IHC on outside blocks) Honorary Consultancy to animal experiment		
25	<b>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data)- NA</b>					
26.	<b>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data)</b>					
	Total no. of faculty	Inter-national level	National Level	State Level	Others	Total
	12	-	-	1	6	7
	<b>(a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data)</b>					
	Total No. of Faculty		Inter-National level	National level	State level	
	Membership		21	--	16	-
	<b>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data)-One faculty is on the Editorial Board of PMR and start are peer reviewed of PMR</b>					
27.	<b>Faculty recharging strategies (UGC, ASC/MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)</b>					
	Sr. No.	Type of the Programme				
		College Level	State / University Level	National Level		
	1	Orientation/Refresher/MET/CME	5	7	-	
	2	Workshop/Seminar/ Symposium/ conferences	27	70	42	
	3	FDPs (guest lecture, training, CM, CPC, etc.)	2	21	9	
28.	<b>Students Projects:</b> The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)					
	Sr. No.	UG Projects (Including ICMR, STS)			PG Dissertations	
		Ongoing	Completed	Total	Ongoing	Completed
	1	0	2	2	6	10
	Percentage of students who have done in house projects including inter departmental project			:	100	
29	<b>a) Research Awards/recognitions received at the national and international level (5 Years data)</b>					
	b) General awards of faculty and students (other than Research, for teaching extension, social service) NIL					
	<b>(i) For Academic (Teaching) service for faculty (5 Years data) NIL</b>					
	<b>(ii) General Awards to Faculties &amp; Student for Social service / Extension activities. (5 Years data)- 1</b>					
30.	<b>Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data)</b>					
	CME	1 International level CME (2014 january) 90 delegates			11 Resource Persons	
	FDPs	3 Guest Lectures (1 Int + 1 Univ. level(2014& 2016)			3 International Faculty	
	<b>Note : Reports on details of S/S/C/W and External Resource person, delegates attended and Proceedings etc. are given in the annexure 2</b>					
31.	<b>Code of ethics for research followed by the departments</b>	:	YES – SOP's of IEC PIMS DU (ICMR 2006 guidelines)			
32.	<b>Student Profile programme-wise</b>	:				
	a) PG Programme Name of the Programme : MD Pathology & Diploma in clinical Pathology					



Academic Year	No. of Application Received for PG CET	CET Pass %	No of Students Selected through CET				
			M	F	T		
2011-12	513	73.90	2	2	4		
2012-13	382	76.83	0	4	4		
2013-14	321	73.40	1	1	2		
2014-15	408	79.94	2	3	5		
2015-16	371	80.05	2	2	4		
<b>No. of students completed PG studies in given subject of a course and Pass percentage in an academic year</b>							
Academic Year of Outgoing batch	No. of Students			% of Pass Student with			
	Appeared	Pass	Pass %	Ist Class			
2010	04	03	75	-			
2011	02	02	100	-			
2012	05	03	60	-			
2013	04	04	100	40			
2014	04	02	50				
2015	02	02	100	50			
<b>b) UG Students Name of the subject and course</b>							
Academic Year	No. of Application Received	CET Pass %			No of students selected for UG course		
		M	F	T			
2011-12	2257	68.42	54	71	125		
2012-13	3568	66.85	56	69	125		
2013-14	2913	70.21	65	60	125		
2014-15	2496	65.76	53	72	125		
2015-16	2778	64.09	61	64	125		
<b>Results of University examination for the subject taught by the Department : Pathology</b>							
Name of the Subject	Academic Year (For Outgoing Batch)		Total Students Appeared	No of Students passed	Pass % of Dept. Subject	% of I <sup>st</sup> Class	% of I <sup>st</sup> Class with distinction
	2010	2011					
Pathology	2010	2011	91	89	97.80	71	06
	2011	2012	110	99	89.99	60	-
	2012	2013	122	111	90.98	66	-
	2013	2014	126	121	96.03	88	01
	2014	2015	96	93	96.87	51	-
	2015	2016	114	101	88.59	42	-
<b>33. Diversity of Students : a) PG Programme</b>							
Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries		
MD Pathology & DCP	2010-11	-	4	1	-		
	2011-12	1	1	-	2		
	2012-13	-	1	3	-		
	2013-14	1	1	-	-		
	2014-15	1	3	1	-		





	2015-16	-	2	-	2
<b>b) UG Programme</b>					
Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries
MBBS	2010	-	81	44	-
	2011	-	110	15	-
	2012	-	115	10	-
	2013	-	100	25	-
	2014	-	74	51	-
	2015	-	83	42	-
34	<p><b>How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.):</b>  <i>ECFMG (Educational Commission for Foreign Medical Graduate)/ EICS (ECFMG International Credential Services) - 104</i></p>				
35.	<b>Student progression:</b>	:	<b>Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)</b>		
Student Progression			% against enrolled		
I	UG – PG Studies		Approximately 2 %		
	PG - SS		Approximately 10 %		
	PG – Ph. D.		Nil		
	PG to employment		off Campus selection- 50 %		
	UG / PG to Entrepreneur		50%		
36.	<b>Diversity of Staff as on this day</b>				
	<b>Number and % Diversity of Staff ( as on this day) belonging to</b>		<b>% Staff who have obtained PG Degree from</b>		
	<i>Same State/UT</i>	<i>No. 16 &amp; 76%</i>	Parent University	<i>No. 1 &amp; .08%</i>	
	<i>Outside State/UT</i>	<i>No. 5 &amp; 24%</i>	Other Universities of the State	<i>No. 10 &amp; 84%</i>	
	<i>Other States</i>	<i>No. 0 &amp; 0%</i>	Other State University	<i>No. 1 &amp; 08 %</i>	
	<i>Other Countries</i>	<i>No. 0 &amp; 0%</i>	Other Countries	<i>No. 0 &amp; .0 %</i>	
37	<p><b>Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) : NA</b></p>				
38.	<b>Present details of departmental infrastructural facilities with regard to :</b>				
<b>A) Infrastructural facility</b>					
<b>a) Library: No. of Collections Book/Journal/ Project Report</b>		:			
<b>Departmental Library</b>			Books- 360 Foreign journals- 04, Indian journals -02		
<b>Central Library books and Journal belonging to our department (both print and e mode)</b>			Books: Print : 913 e. books: 17 Journals: Print: Foreign-04, Indian-03 e journals: 66		
<b>b) Internet facilities for staff and students</b>			: Yes		
<b>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive &amp;</b>			: Class Rooms 6 Demo Rooms3 Seminar Halls1		



	<i>Inclusive)</i>		Auditorium 1
	<i>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive)</i>	:	LCD projectors, Wi fi, Internet facilities
	<i>e) Students laboratories at the Department</i>	:	02
	<i>f) Research Laboratories of the Dept.</i>	:	01
	<i>g) Museum at the Department and no. of specimen, charts, Modules etc.</i>	:	01 120 Sq. mtr. Specimen- Mounted-650, Unmounted-200, Charts- 26, Catalogues- 450 pages
	<i>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)</i>	:	<b>Teaching :</b> Digital Scanner, LCD Projector, Pentahead , Trinocular microscope with CCTV attachment, Fluorescent microscope, <b>Diagnostic:</b> Cell counter 6 part differential, Automatic coagulometer, Automated blood grouping, Urine analyzer, Histokinnett, Automatic stainer, Cryostat, Grossing station
<b>B) Clinical learning resource data (as submitted to MCI / DCI / INC / Others / UGC)</b>			
<i>(j) Diagnostic Tests</i>			
	<b>OPD</b>		<b>IPD</b>
	2389/ day		1758/ day
<b>C) Para clinical learning resource :</b> Histopathology, Cytopathology, Clinical Pathology, Haematology and Blood Banking <i>Annexure 2</i>			
	<b>D) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well</b>	:	Microbiology, CCL Biochemistry, Biotechnology
39.	<i>No. of doctoral post- doctoral students and Research Associates / PDF working</i>	:	NA
	Number of Research Pdf/RA receiving fellowship from central agency / University		NA
	No. of Ph.D. Awarded by the Dept during last 5 years:		NA
40	<i>(a) Number of students getting financial assistance from the university</i>		<b>NIL</b>
	<i>PG Students getting assistance from the University</i>		<b>All PG students get stipend</b>
41.	<i>Was any need assessment exercise undertaken before the development of new programme(s)?</i>		<b>Yes</b>
	<b>for PG,</b> <i>If so, highlight the methodology :</i> Need assessment done while introducing the PG course.		
42.	<i>Does the department obtain feedback from</i>		
	Sr .No.	From	Yes/No
	1	Student	Yes
	2	Faculty	Yes
	3	Alumni / Parents/ Employer	Yes
			Feedback Manual / Digital
			How the feedback analysis is used for improvement
			Digital
			Teaching learning improved by Microteaching
			Oral
			CDD & TLE
			Oral
			Correction in focus of teaching, Infrastructure
43.	<i>List the distinguished alumni of the department (Maximum 10) ( UG student or PG Student belonging to</i>	:	Name and designation with address



<i>the subject)</i>			
Sr. No.	Name & Designation	Details at the PIMS University & Year	Place of work of alumni
01	Dr. Dimple Gupta (DCP)	2007	Private Laboratory Mumbai
02	Dr. Mangal Pandure (MD,DCP)	2009	Faculty in Pathology dept. RMC, Loni
03	Dr. Monali Gupta (MD)	2009	Tata memorial hospital, Kolkatta
04	Dr. Vivek Duggad (MD)	2011	Private Lab.
05	Dr. Anna Gupta (MD)	2011	Assistant Professor in Jammu
06	Dr. Smita Sankaye (MD)	2013	Fellowship Oncopathology at Cancer Hospital, A'bad
07	Dr. Chaitrangi Rohekar (MD)	2014	Fellowship of Clinical Haematology at Bombay Hospital,
08	Dr. Saurabh Gujarathi (MD)	2014	Aditya Birla Hospital , Pune
44.	<p><b>Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</b>  <b>The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under</b></p>		
Sr. No.	Event (SEP) UG + PG	No. of Prominent Experts	
		External Experts	
1	International CME on oncopathology	<p><b>1. Dr. Jagmohan S. Sidhu</b> (Medical Director and Chairman UHS Wilson Medical Center, Binghamton NY, USA)  <b>2. Dr. Sharda Sabnis</b> (Neohropathologist Doctors Pathology Services, Delaware, USA)  <b>3. Dr. Vijay Joshi</b> (M.D., Ph.D., FRCPath is Consultant in Pediatric Pathology at Hartford Hospital, Connecticut and Clinical Professor of Pathology at Medical College of Virginia, Richmond, Virginia, USA.)  <b>4. Dr. Nikhil A. Sangle</b> M.D., FRCPath (UK), FCAP Pathologist, London Health Sciences Centre Canada  <b>5. Dr. Prashant Jani</b> (Associate Professor, and OncoPathologist, Thunder Bay Regional Health Science Center, Canada)  <b>6. Dr Rajkumar Vajpeyi</b> (MD, FCAP, FRCPC. Consultant, Toronto General Hospital, Canada)  <b>7. Dr.Sanjeev Deodhare</b>, (MD,FRCPC Hematopathologist, Credit Valley Hospital, Toronto, Canada)  <b>8.Dr.Shivayogi Bhusnurmath</b> (MD, FRCPath, Dean of Academic Affairs, School of Medicine Chair, St. George's University School of Medicine, Grenada, West Indies)  <b>9. Dr.Bharati Bhusnurmath</b> (MD, FRCPath)</p>	
2	Guest lecture	<p><b>1.Dr.Shivayogi Bhusnurmath</b> (MD, FRCPath, Dean of Academic Affairs, School of Medicine Chair, St. George's University School of Medicine, Grenada, West Indies)  <b>2. Dr. Prashant Jani</b> (Associate Professor and Onco Pathologist, Thunder Bay Regional Health Science Center, Canada)</p>	
45.	<p><b>a) List the teaching methods adopted by the faculty for different programmes:</b>  <b>Didactic Lectures, Power point presentation, Microteaching, Seminar, Slide seminar, Quiz, Tutorials, Group discussions, etc</b></p> <p><b>b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling)</b>            Orientation by introductory Lecture</p>		



	Remedial by Personal inter action / Special tutorial		
46.	<i>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?</i> 1. Internal examinations 2. Tutorials 3. Revision Practicals		
47.	<i>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive)</i> g) <i>Involvement of student and faculty in various type of extension activity organized by the dept.</i>		
	<b>Sr. No.</b>	<b>No. of Camps/Workshops/Surveys/Training/Rallies/Lectures/Celebrations/ any other events.</b>	<b>Academic Year</b>
	1	Blood donation Camp	158 camps in five years
			6457 Collection of bags 41 Collection of bags per camp
	2	Multidiagnostic Camps	85 camps in five years
			750 patients in five years 9 patients per camp
	h) <i>Our faculty is involved extension in health awareness programs organized by the college / University through lectures, rally, camps/training, as HR / Contributions</i>		
48.	<i>Give details of “beyond syllabus scholarly activities” of the department : 1. Quiz 2. CME 3. Guest Lectures</i>		
49.	<i>State whether the programme / department is accredited / graded by other agencies? If yes, give details - NO</i>		
50.	<p>a) <i>Brief highlight the contributions of the department in generating new knowledge, basic or applied (based on published research articles, paper, projects, books, Patents etc.)</i></p> <ul style="list-style-type: none"> <li>• Papers published in the field of Cytology, Histopathology, Haematology and Blood Banking in various national and international journals</li> <li>• Presentation of papers and posters in various conferences.</li> </ul> <p>b) <i>Salient and unique feature of Department.</i></p> <ul style="list-style-type: none"> <li>• Providing urban quality healthcare/ Instrumentation in Rural area</li> <li>• Providing histopathological support to Animal experiment</li> <li>• Digital Pathology- Providing International Consultation to Rural area/ People</li> <li>• Virtual slide for UG &amp; PG</li> <li>• Slide seminar for PG from Canada by International faculty</li> </ul> <p>c) <i>Innovation of the Department.</i></p> <ul style="list-style-type: none"> <li>• Slide seminar of Post graduate students on skype by International faculty</li> <li>• Virtual slide for P.G. &amp; UG students</li> <li>• Second opinion from International Faculty</li> <li>• Providing histopathological support to Animal experiment</li> </ul> <p>d) <i>Best practice of the Department</i></p> <ul style="list-style-type: none"> <li>• Participation in EQAS for Haematology , Histopathology With AIIMS, &amp; Vellore</li> <li>• Participation in slide seminar of conference State chapter and getting slides of 100 to 130 important case</li> <li>• Quiz for UG Students.</li> <li>• Digital Slide seminar for PG</li> <li>• Consultancy of second opinion &amp; IHC</li> <li>• Specimen &amp; slide of the week session for UG</li> </ul>		
51.	<i>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department: (Important or major ones) in bullet form.</i>		



<i>SWOC</i>				
	<b>Strength</b>	<b>Weaknesses</b>	<b>Opportunities</b>	<b>Challenges</b>
	Good ,cohesive, dedicated team,	Collaborative research papers	Diverse nature of Patients of rural population	Patient reaching the hospital in late stage
	Providing urban quality Instrumentation in Rural area:		Increase in diagnostic work-up Update in technical skills	Patients are poor socioeconomic back ground
<b>52.</b>	<b>Future Plan</b> <ul style="list-style-type: none"> <li>➤ Starting of Post-graduate course in Transfusion Medicine</li> <li>➤ Use of Digital Pathology in UG &amp; PG teaching</li> <li>➤ Increase of Ancillary diagnostic techniques</li> <li>➤ Development of E- Museum</li> </ul>			

---Sd/---  
**Name & Signature**  
**(Head of the Dept.)**

---Sd/---  
**Name & Signature**  
**Dean of the college**







## Department of Microbiology



Rural Medical College

Pravara Institute of Medical Sciences  
(Deemed University)





**Pravara Institute of Medical Sciences (Deemed University)  
Institution: Rural Medical College, Loni  
Departmental Evaluative Report  
Based on the data of 5 years: 2010-11 to 2015-16**

01	Name of the Department	MICROBIOLOGY
02	Year of establishment	1984
03	Is the Department part of a School/Faculty of the university?	RMC, PIMS (DU)

**04. a) Names of programmes offered: (As on this day)**

Prog.	Subject / Course Microbiology	Year of Establishment	Intake per year	Fresh enrollment for academic year	Total Student Strength
UG	MBBS	1984	125	125	II/I- 102, II/II- 15, II/III- 118,
PG	MD	1991	01		00
	MSc	2010	03	01	01
Diploma	DMLT	1992	10		03
Ph.D	Ph.D	1991	8/ Guide		07
Any other	CMLT	1991	10		
Total	06				

**04. b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies (as on this day)**

Name of Subject & No. of years the subject is taught in the given course	Total Hours of Teaching – Learning				No. of Papers & Practical to be Taught		Marks for University exam				
	Theory	Practical	Other	total	Paper	Practical	Paper	Practical	Viva	Dis	Total
<b>1. UG</b>											
MBBS- Microbiology3 Yrs	116	120	14	250	80	26	80	25	15	-	120
<b>2. PG</b>											
MD	3 years				4	10	400	325	75	√	800
M. Sc	3 ½ years				4	10	400	325	75	√	800
DMLT	1 year	100	120	220	80	10	100	80	20		200
CMLT	1 year	100	120	220	80	10	100	80	20		200

**04. c) Latest revision of curriculum/ syllabus in -2014-15 Year and their salient features.**

- Examination pattern is changed which makes it more students friendly.
- Addition of new topics to theory classes to make students familiar with latest infectious diseases ( Bird & Swine Flu, Ebola Virus, Zika Virus) and diagnostic techniques.( ELISPOT, Flow cytometry, CILA)
- Proposed to BOS in May 2016, changes in theory paper of MD & MSc examination to cover more recent advances and applied microbiology.

**04. d) Contribution of faculty to curriculum design and Development (CDD) as**

i) Member / chairman BOS/ Faculty/ BOE at parent university and other universities.

**Parent University**

**Board of Studies:** 7 members

**Academic Council:** 3 members

**Board of Examination:** 7 members

**Other universities:**

**Board of Examination:** 7 members

ii) Organization of CDD workshops at the Dept / University: At department level once a year



iii) Participation in curriculum design and development workshops at university/Department: Staff participate in curriculum development workshop.

**05. Interdisciplinary programmes offered by the Department and department involved**

Name of Programs offered by our department	Involved Departments	
	Within the institute	Of the other institute
DMLT	Departments of Pathology & biochemistry are involved	
BDS		Microbiology as a subject for 2 <sup>nd</sup> year BDS students

**Nature of involvement:** DMLT students are trained in three subjects of Pathology, Microbiology & Biochemistry

**06. Courses in collaboration with other universities, industries :** Nil

**07. Details of programs discontinued, if any with reasons :** NIL

**08. Examination System :** Annual

**09. Participation of the department in the courses offered by other departments:** Microbiology is a basic science subject. All the medical & paramedical courses should complete a syllabus in microbiology. Post graduate students of Pathology & Forensic medicine have one month posting in microbiology department.

**10. Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day:**

**(a) Teachers**

S.N.	Required as per MCI/DCI/INC/UGC / Other Statutory bodies	Actual Faculty Strength (Recruited or filled)		
		Male	Female	Total
i	Professor 01	02	04	06
ii	Associate Professor Reader 02	01	-	01
iii	Assistant Professor Lecturer 03	02	01	03
<b>Sub Total( I to iii)</b>		<b>06</b>		<b>10</b>
iv	Tutor 04	01	02	03
<b>Sub Total( iv to iv)</b>		<b>04</b>		<b>03</b>
<b>Grant Total ( i to iv)</b>		<b>10</b>	04	06

**(b)**

Qualification Profile of Teachers	M	F	Total
With P.G. Degree Only	05	06	11
Teachers Pursuing Higher Degrees	02	01	03

**11. Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)**

**a) Faculty (as UG/PG teachers) (Internal):**

Sr. No	Name of Teaching Staff	Qualification	Desig.	Area of Specialization	Teaching Experience in Years	No. of PG Students	
						Guiding	Guided
1)	Dr. Santosh Saini	MBBS, MD	Prof. & Head	Microbiology	43 yrs		20
2)	Dr. S.M. Jain	MBBS, MD	Prof.	Microbiology	22 yrs		1
3)	Dr. Seema Bose	MBBS, MD	Prof.	Microbiology	20 yrs		1
4)	Dr. S. Roushani	MBBS, MD	Prof.	Microbiology	20 yrs		5



5)	Dr. Deepika Bhalerao	MBBS, MD	Prof.	Microbiology	18 yrs		1
6)	Dr. Anagha Kinikar	MBBS, MD	Prof.	Microbiology	15 yrs		
7)	Sanjeev G Kulkarni	M.SC. Med. Micro	Assoc. Prof.	Microbiology	19 yrs		
8)	Sachin C Deorukhkar	M.SC. Med. Micro	Asst. Prof.	Microbiology	10 yrs		
9)	Dr. D. Aswthy	MBBS, MD	Asst. Prof.	Microbiology	1 yr		
10)	Dr. Vishal Kulkarni	MBBS, MD	Asst. Prof.	Microbiology	1 yr		
11)	G. Padmjakshi	M.SC. Med. Micro	Tutor	Microbiology	05 yrs		
12)	Dr. Anket	MBBS	Tutor		1 yr		
13)	Dr. Devika	MBBS	Tutor		1 yr		

**(b) Faculty of the Department as Ph.D. Guides (Internal as well as External) (as on this day)**

Sr. No	Name of the Ph.D. Guide	External or Internal	No. of Ph.D. Students of University Guiding
1)	Dr. Santosh Saini	Internal	06
2)	Dr. S.M. Jain	Internal	-
3)	Dr. Seema Bose	Internal	-
4)	Dr. S. Roushani	Internal	01

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: NIL

13. Percentage of classes taken by temporary faculty programme wise information: NIL

14. Programme wise Teacher Student Ratio:

Programme	Teacher Student Ratio
UG	1:10
PG	1:1
Ph.D.	1:1.75
M.Sc	1:0.1
DMLT	1:0.2

15. Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)

Sr. No.	Staff	Name of the Post	Required as per statutory Bodies	Filled / Actual		
				M	F	Total
1	Administrative	Clerk	01	01	-	01
2	Technical	Laboratory Technician	07	07	08	15
3	Support	Lab. Attendant	04	04	-	04
	Total		12	12	08	19

16. Research thrust areas as recognized by major funding agencies / by the Department (as on this day)

6. Hospital Waste Management
7. Hospital Infection Control
8. Post Operative surgical wound infection
9. HIV/AIDS
10. Tuberculosis
11. Candida

17. Number of ongoing and completed projects undertaken by faculty with funding from

a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise : (For the last 5 Years)

No.	Project	No. of	No.	Total	Funds received in lakhs
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Funded by	ongoing projects (a)	Completed Projects (b)	Projects (a+b)	Total
<b>National agenessis</b>	02	-	02	2 National programs,RNTCP, ICTC <i>Funds in the form of reagents, diagnostic kits, disposables, stationeries and salary of technical staff etc</i>
<b>University and Dept.</b>	7	10	17	<b>All sponsored by PIMS (DU)</b>

The details of projects are as follows:

a) Ongoing Projects of Faculty (as on this day)- All sponsored by PIMS (DU)

Sr. No.	PI, Co-PI and Project Title	Duration (Yr.)
1	Microbiological profile of pleural fluid- a two years study in rural tertiary care hospital PI: Dr. A. Kinikar, Co-PI: Dr. D. Bhalerao, Sanjeev. G. Kulkarni, Dr. Santosh Saini	2
2	Bacteriological profile of various clinical isolates & their antibiotic sensitivity pattern PI: Dr. A. Kinikar, Co-PI: Dr. Santosh Saini	2
3	A multicenter prospective community based surveillance to estimate the burden of Rotavirus gastroenteritis in children <24 months of age in India PI: Dr. A.P. Kulkarni, Co-PI: Dr. A. Kinikar	3
4	incidence of Nocardia in suspected cases of pulmonary Tuberculosis Dr. S. Roushani, Dr. D. Bhalerao, Dr. S. Saini	2
5	Comparison of rapid test & ELISA for detection of Dengue NS1 antigen PI: Dr. S. Roushani, Co-PI: Dr. D. Bhalerao, Sanjeev Kulkarni, Dr. S. Saini	2
6	Bacteriological profile of Diabetic foot ulcer PI: Dr. S. Roushani, Co-PI: Dr. D. Bhalerao, Dr. A. Kinikar, Sanjeev Kulkarni	3
7	Incidence of MRSA in Pravara Rural Hospital PI: Dr. Ashwathy, Co-PI: Dr. A. Kinikar, Dr. S. Saini	2

18. Inter- institutional collaborative projects of faculty & associated grants received (including clinical trials) excluding those included a Sr. No.16) (For the last 5 Years) (as on this day) NIL

19. Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)

	Research Projects under taken by	Data as given under sl. No. of DER	Total Projects	On going	Completed
(a)	The faculty Funded by Department or University	17	17	07	10
(b)	Inter-Institution / Industry Projects (collaborate) including clinical trials	18			-
(c)	UG student STS ICMR Projects	28		-	02
(d)	UG students STS Mgt. Sponsored Project	28			
(e)	Research Projects of faculty Funded by National agenessis	17		2	
	Two National programs, RNTCP, ICTC : <i>Funds in the form of reagents, diagnostic kits, disposables, stationeries and salary of technical staff etc</i>				
(f)	Research Projects funded by	17			



	international agenesis			
	<b>Total</b>		17	09
				12

**20. (a) Research Facility / Center and recognition by state / National / International agenesis. (as on this day)**

<b>In the department (Details of facilities in brief)</b>	<ul style="list-style-type: none"> <li>i) Separate PG research laboratory</li> <li>ii) Internet and Wi Fi</li> <li>iii) Department Library with more than 130 books</li> <li>iv) e-library</li> <li>v) Availability of infrastructure and instruments to the students</li> </ul>
<b>In other department (Details of facilities by the department) used by us.</b>	<ul style="list-style-type: none"> <li>• Histopathology laboratory in pathology dept</li> </ul>
<b>In other college ( Details of facilities used by us)</b>	<ul style="list-style-type: none"> <li>• Molecular research facilities at biotechnology center</li> </ul>
<b>At central level ( Details of facilities used by us)</b>	

**21.**

<b>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization if any.</b>	Plan to start molecular diagnostic Laboratory for Tuberculosis under RNTCP
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**22. Publication data of last 5 years**

<b>Publications in peer reviews journals and conference proceeding (ISSN)</b>	<b>National - 27</b>	<b>International-- 58</b>
	<b>Other- 02</b>	<b>Total- 87</b>
<b>Publication in Non-Peer reviewed Journals / conference proceeding )</b>		
<b>No. of Monographs (ISBN/NON ISBN)</b>		
<b>No. of Books Published (ISBN/NON ISBN)</b>	1	978-84-8191-373-9
<b>No. of Edited Books (ISBN/NON ISBN)</b>		
<b>No. of chapters in Books with details of publishers (ISBN/NON ISBN)</b>	1	978-0-85709-597-8
<b>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.)</b>	87	
<b>Research publication included and listed in international database are -87--Out of total publication.</b>		
<b>No. of Citation Index – range / average</b>	Range: 1-31 average: 2.43	
<b>SNIP , SJR</b>	<b>Details given in Criteria III and Emerge Data</b>	
<b>Impact Factor- range/average</b>	Range: 0-2 average: 0.48	
<b>h-index</b>	9	

**23. Details of patents filed / granted and income generated (5 Years data): NIL**

**24. Areas of consultancy and income generated (5 Years data)**

<b>Paid Consultancy - Revenue Generated.</b>
<ol style="list-style-type: none"> <li>1. Microbiology examination of OT swabs from local hospitals &amp; Govt. PHCs (20-30/year) charged at Rs 200/- per swab</li> <li>2. Bacteriological &amp; fungal culture of samples received from near by hospitals charged at Rs 100/- per sample</li> <li>3. Bacteriological testing of water Rs 100/ sample</li> <li>4. Supply of bacterial stock to other institutions</li> <li>5. Training of nurses &amp; non-teaching staff of hospital on Hospital Acquired Infection &amp; waste disposal management</li> <li>6. Dept. teaching staff as resource person to other colleges for faculty development programme</li> <li>7. Providing academic/teaching related support to other colleges</li> </ol>

**25. Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in**



**India and abroad: (5 Years data)**

No. of faculty were selected to visit L/I/I in India and abroad. (Laboratories, Institutions, Industries) The details are as follows :

International	02
National	00
State	01
Others	05
Total	08

**Dr.Seema Bose** - Chaired the scientific session recent advances and medical microbiology, 11 April 2015 Ahmednagar

**Mr. Sanjeev G. Kulkarni**

- Attended and participated as a speaker in the Erasmus Mundus consortium meeting of European partners from 3<sup>rd</sup> - 5<sup>th</sup> March 2015. as contract person Organised by Lund University Sweden and Tata Institute of medical sciences, mumbai held at Mumbai
- Participated as Guest Speakers, Internationalization of Higher Education at PIMS and ERASUMS MUNDUS at European union workshop of funding opportunities for India – Europe mobility and co-operation organised by association of Indian univercities and European union on 28<sup>th</sup> October 2015 at Symboisis international university Lavale pune
- Guest speaker, Topic Infection Control for Nursing at the state level conference on patient safety and quality patient care organised by college of nursing PIMS 16<sup>th</sup> - 17<sup>th</sup> Nov. 2016

**Dr.S.M.Jain**

- Guest lecture on Post exposure prophylaxis in HIV infection at scientific forum 2 May 2011 Index medical college, Indore

**Dr.Deepika Bhalerao**

- Speaker on bone of the Brawls and Brickbats at CME on brass tracks of hospital acquired infections, PIMS, RMC, Loni 4<sup>th</sup> Oct. 2012
- Member of the panel 5<sup>th</sup> student scientific convention (panel discussion) 23-25 Oct. 2013

**Sachin C. Deorukhkar**

- Delivered the guest lecture Mycotic infections in AIDS patients, Mahatma Phule Mahavidyalaya pune 24 Dec. 2012

**26. Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data)**

International	02
National	06
State	01
Total	09

**Sanjeev G. Kulkarni**

- Invited as guest Speakers, Internationalization of Higher Education at PIMS and ERASUMS MUNDUS at European union workshop of funding opportunities for India – Europe mobility and co-operation organized by association of Indian univercities and European union on 28<sup>th</sup> October 2015 at Symboisis international university Lavale Pune
- Member organizing committee Inventum 14 Pravara National Medical Research Conference PIMS, Loni 27-28 March 2014
- Member organizing committee AMPICON 2014, RMC, Loni 20-22 Nov. 2014

**Dr.S.Roushani**

- Invited by KIMS DU as subject expert for staff selection committee in 2014.
- Member organizing committee at International CME on Oncopathology, PIMS, Loni 4<sup>th</sup> & 5<sup>th</sup> Jan.



2014.

- Member organizing Committee Inventum 14 Pravara National Medical Research Conference PIMS, Loni 27-28 March 2014.
- Member organizing Committee AMPICON 2014, RMC, Loni 20-22 Nov. 2014

**Dr.D.S.Bhalerao-**

- Member organizing Committee Inventum 14 Pravara National Medical Research Conference PIMS, Loni 27-28 March 2014.
- Member organizing Committee AMPICON 2014, RMC, Loni 20-22 Nov. 2014

**Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data)**

	Total	Inter-National Level	National Level
Editor	01	01	
Peer Reviewer	11	03	08

- **Dr. Seema Bose**

Reviewer:- Elsevier's digital modules in Microbiology

- **Dr.S.Roushani**

Reviewer:- Pravara Medical Review

- **Dr. Sachin C. Deorukhkar**

Reviewer:-

1. Journal of Medical Microbiology
2. Infections Disorders Drug Targets
3. Annals of Pathology & Laboratory Medicine
4. Mycoses
5. Journal of Psthogens
6. African Journal of Microbiology
7. International Journal of Tropical Diseases & Health
8. British Microbiology Research Journal
9. Journal of Clinical & Diagnostic Research

**Editor-**

1. International Journal of Infections & Tropical Diseases

**4) Dr. A.G.Kinikar**

Reviewer:-

1. Journal of clinical & Diagnostic Research
2. Pravara Medical Review
3. International Journal of Pharma and Bioscience

**27. Faculty recharging strategies (UGC, ASC/ MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)**

Sr. No.	Type of the Programme	No. of FDPs participated				Total
		College Level	State / University Level	National Level	Internati onal Level	
1	Orientation/Refresher/MET/CME		04			04
2	Workshop/Seminar/ Symposium/ conferences	36	06	19	12	73
3	FDPs (guest lecture, training, CM, CPC, etc.)	01				01

**28. Students Projects:** The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)



Sr. No	UG Projects (Including ICMR, STS)			PG Dissertations		
	Ongoing	Completed	Total	Ongoing	Completed	Total
		2	2	1		1

**29. a) Research Awards/recognitions received at the national and international level (5 Years data)**

Sr. No.	Received by	No. of Awards			
		International	National	State/ University	Total
3	Student PG / Ph.D	01	02	03	06
	Total	01	02	03	06

**30.a) Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data)**

	Tot	Inter-National	National	State	Univ / College Level	Funding Source	No. of participants	No. of Resource Persons
Workshops (W)	2				2		15 15	2 2
Total					2		30	4

- Training of nurses and non-teaching staff of hospital in hospital acquired infection and waste disposal management
- Orientation for PG students of PIMS (every year)
- Participation of Dept. in research society meetings of PIMS (every month)
- Six days hand on training on Vitrius Chemo-immuno assay for technicians and DMLT students posted in microbiology Dept.

**31. Code of ethics for research followed by the departments:** All research projects passes through institutional ethical committee : ICMR

**32. Student Profile programme-wise**

a) PG Programme Name of the Programme : MD: No admission for last 5 years  
MSc: 2 admissions. Selection based on BSc marks.

No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year

Academic Year of Outgoing batch	No. of Students			% of Pass student with I <sup>st</sup> Class
	Appeared	Pass	Pass %	
2010-11	1	1	100	
2011-12	1	1	100	1
2012-13	1	1	100	1
2013-14	1	1	100	1
2014-15	1	0	0	
2015-16	1	0	0	

**b) UG Students Name of the subject and course MBBS**

Academic Year	No. of Application Received for PG CET	CET Pass %	No of Students Selected through CET		
			M	F	T
2011-12	2257	68.42	54	71	125
2012-13	3568	66.85	56	69	125
2013-14	2913	70.21	65	60	125





2014-15	2496	65.76	53	72	125
2015-16	2778	64.09	61	64	125

**Results of University examination for the subject taught by the Department (Eg. Anatomy, Physiology etc.)**

Name of the Subject	Academic Year (For Outgoing Batch)		Total Students Appeared	No of Students passed	Pass % of Dept. Subject	% of 1 <sup>st</sup> Class
Microbiology	2011	2012	119	113	95	86
	2012	2013	125	120	96	80
	2013	2014	120	119	99	68
	2014	2015	95	84	89	45
	2015	2016	121	117	97	80

**33. Diversity of Students :**

**a) PG Programme**

Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries
MSc	2011-12	00	01	00	00
	2012-13				
	2013-14				
	2014-15	00	01	00	00
	2015-16				

**b) UG Programme**

Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries
2011-12	513	73.90	01	--
2012-13	382	76.83	02	--
2013-14	321	73.40	01	--
2014-15	408	79.94	01	--
2015-16	371	80.05	-	--

**34. How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.) ECFMG ( Educational Commission for Foreign Medical Graduates), EICS ( ECFMG Credential Services) : 104**

**35. Student progression: Either at PIMS or other Institution in India & Abroad (Average % for last 5 Years) – More than 70%**

**36. Diversity of Staff as on this day**

Number and % Diversity of Staff ( as on this day ) belonging to	% Staff who have obtained PG Degree from
<b>Same State/UT</b> <b>06 &amp; 54.5 %</b>	Parent University      01 & <b>11.1%</b> Other Universities of the State      05 & <b>55.5%</b>
<b>Outside State/UT</b> <b>05 &amp; 45.4 %</b>	
<b>Other States</b> <b>No. &amp; %</b>	Other State University      03 & <b>33.3 %</b>
<b>Other Countries</b> <b>No. &amp; %</b>	Other Countries      00. & %

**37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) :NIL**

**38. Present details of departmental infrastructural facilities with regard to :**

**A) Infrastructural facility (Common to all departments)**



a) Library (dept): No. of Collections Book/Journal/Project Report Central Library books and Journal belonging to our department (both print and e mode)	<ul style="list-style-type: none"> <li>• Books: 161</li> <li>• Journals:50</li> <li>• Dissertations:60</li> </ul>
b) Internet facilities for staff and students	Available, LAN & WIFI
c) Total number of class rooms, seminar halls/demonstration rooms, auditorium ( Exclusive & Inclusive)	<ul style="list-style-type: none"> <li>• Class Rooms- 5 central</li> <li>• Demo Rooms-3</li> <li>• Seminar Halls- 1</li> <li>• Auditorium-1 central</li> <li>• Others-students practical Hall with 114 capacity</li> </ul>
d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive & Inclusive)	All class rooms, demo halls, seminar room & practical labs are with ICT facilities
e) Students laboratories at the Department	Present with 114 capacity, electric supply, light, basin & running water
f) Research Laboratories of the Dept.	Present with sufficient instruments and microscopes
g) Museum at the Department and no. of specimen, charts, Modules etc.	Department museum with more than 200 specimens, charts, instruments, models, portraits, life cycles, and diagnostic kits and 30 copies of manuals
h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)	<ul style="list-style-type: none"> <li>• LED microscope with camera, dark ground &amp; phase contrast attachments</li> <li>• VITROS 250 Chemoimmunolusens</li> <li>• Biosafety cabinet level II</li> <li>• CO2 incubator</li> <li>• -80 deep freezer</li> <li>• Cooling centrifuge</li> <li>• Air sampler</li> <li>• ELISA reader &amp; automated washer</li> <li>• QBC system</li> <li>• BOD incubator X2</li> </ul>

**B) Clinical learning resource data (as submitted to MCI/DCI/INC/Others/UGC)**

<b>(j) Diagnostic Tests</b>	
Bacteriology	10,101
Serology	1,34,092
DOT centre	1493
ICTC centre	8,553

*Data of 2015*

**C) Para clinical learning resource (CCL Radiology & Departmental Diagnostic Lab) Data & Report : Details on Sophisticated diagnostic equipments and facilities , No. of diagnostic tests (Average per day and annual)**

**D) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well:**

- Central Clinical Laboratory (CCL) consist of three diagnostic depts. are working in coordination which each other.
- Use of molecular equipments situated in Biotechnology centre for research propose

**39. No. of doctoral post- doctoral students and Research Associates / PDF working - NA**

**40. (a) Number of students getting financial assistance from the university**

**PG and Ph.D. Students getting assistance from the University**

1	Ph.D - Ms Namita Raytekar was received scholarship from Rajiv Gandhi National Fellowship to pursue Ph.D.
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**41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :**

Yes; Its applicability & Preferences over other courses along with its cost effectiveness.



**42. Does the department obtain feedback from**

Sr.No.	From	Yes/No	Feedback Manual / Digital	How the feedback analysis is used for improvement
1	Student	Yes	Both Manual and Digital	Students feed back on teachers : Helped the teachers to improve the various teaching skills
2	Faculty	Yes	Both Manual and Digital	
3	Alumni / Parents/ Employer	Yes	Both Manual and Digital	

**43. List the distinguished alumni of the department (Maximum 10) ( UG student or PG Student belonging to the subject) Name and designation with address**

- Dr. U.P. Gujrati- Pune, Private practice
- Dr. V. Gupta- Dubai
- Dr.S.Bose – Professor, R.M.C, Loni,
- Dr. A. Tripathi- Bhopal, Private practice
- Dr.A.K.Awari- Professor, Ahmednagar
- Dr.L.Razdan- Consultant microbiologist, Ludhiana
- Dr. R.Katiyar- Asst. Prof,
- Dr. V.X.Franklin- Consultant microbiologist Kerala
- Dr.N.Srivastava- Khandwa (M.P), Private practice
- Dr. S.Parashar- Indore (M.P), Private practice
- Dr. S. Goyal – Asst. Prof, Lucknow UP
- Dr. Rekha Barpatre – Asst Prof, Raipur, CG
- Dr. Stephen Mathew - Consultant microbiologist Kerala
- Ms. Pradnya Jadhav – asst Prof, BVP, Sangli

**44. Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal & external experts during the last 5 years :**

The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them.

**45. a) List the teaching methods adopted by the faculty for different programmes:**

- Theory classes are conducted using AV aids.
- Students are performing practical excercises under supervision of faculties.
- PBL classes are conducted regularly
- Periodic assessment of students

**b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling, ) allotment of 10 students to each teacher as mentor**

**46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?** By conducting periodic tests, tutorials, and students feedback

**47. Highlight the participation of students and faculty in extension activities: (Exclusive & Inclusive) Involvement of student and faculty in various type of extension activity organized by the dept.**

Sr. No.	No. of Camps/Workshops/ Surveys/Training/Rallies/Lectures/Celebrations/ any other events.
	<p><b>A) National programmes</b></p> <p>v) Integrated counseling and testing center (ICTC ) programme for counseling and testing of suspected HIV patients.</p> <p>vi) The programme targets ANC cases and volunteers</p> <p>vii) Up to November 2015 the center had screen 8553 blood samples with positivity rate of 1 %</p> <p>viii) Revised National Tuberculosis Control Programme ( RNTCP) and DOT center for diagnosis and treatment of Tuberculosis patients</p> <p>ix) The center has screened 2986 sputum samples up to December 2015</p> <p>x) 72 New cases identify and are under treatment</p>



	<p><b>B) During Diagnostic Camps</b>            xi) Screening of Hepatitis B            xii) Screening of HIV            xiii) STD screening (VDRL/RPR)- ANC Check up            xiv) Screening for diseases during epidemics such as that of Vibro cholerae, H1N1 and Leptospirosis</p>
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**b) Our faculty is involved extension in health awareness programs organized by the college / University through lectures, rally, camps/ training. as HR / Contributions**

<ul style="list-style-type: none"> <li>• Training of nurses and non-teaching staff of hospital at Dept. of Microbiology on hospital acquired infection and waste disposal management</li> <li>• <b>During Diagnostic Camps</b>            Screening of Hepatitis B            Screening of HIV            STD screening (VDRL/RPR)- ANC Check up            Screening for diseases during epidemics such as that of Vibro cholerae, H1N1 and Leptospirosis</li> </ul>
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**48. Give details of “beyond syllabus scholarly activities” of the department :**

Journal clubs, seminars and microteaching for PG students  
 Six days Hand On training on Vitros Chemo-immuno assay for technicians and DMLT students posted in Microbiology department. In 2015 & 2016

**49. State whether the programme / department is accredited / graded by other agencies? If yes, give**

**Details: Dept. is a Member of IAMM External Assessment Scheme since 2006**

**ICTC programme EQAS With 100% result since 2004**

**50. a) Brief highlight the contributions of the department in generating new knowledge, basic or applied ( based on published research articles, paper, projects, books, Patents etc.**

1) Echinocandins are new addition to antifungal arsenal. In our Department, we have studied echinocandin susceptibility profile of fluconazole resistant *Candida* species isolated from blood stream infections. This study is published in an international journal, “**Infectious diseases-Drug Targets**”. This study is first Indian study to report Echinocandin susceptibility profile of *Candida* spp.

2) In recent years, *Candida* spp. has emerged as an important cause of hospital acquired infections. In our study, we conducted a surveillance of medical device associated *Candida* infections. This study is published in an international journal, “**Interdisciplinary Perspectives on Infectious Diseases**”.

This study is one of the very few studies available internationally on medical device associated fungal infections and first in India to report scenario of medical device associated *Candida* infections.

**b) Salient and unique feature of Department.**

- c) Term End Examination for PG students. Mock preliminary examination
- ci) Automation of diagnostic serology
- cii) Research in Health need of Rural Population
- ciii) Practice of OSPE
- civ) *Problem Based Learning*

**c) Innovation of the Department.**

- d) Regular periodic sensitization of health care providers of all cadres on Hospital Infection, Safe handling and disposal of Biomedical Waste.

**d) Best practice of the Department**

- Involvement in National Programmes ( RNTCP, ICTC)
- Participation in EQAS ( IAMM)
- Participation in EQAS ( ICTC)



- Periodic sensitization and assessment of Technical staff
- Antibiotic bulletin

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department : (Important or major ones) in bullet form.**

**SWOC**

Strength	Weaknesses	Opportunities	Challenges
1) Dedicated team of qualified and experienced Teaching staff.  2) Dedicated team of qualified, skilled and experienced Technical staff .  3) Availability of the recent technical amenities in rural area.	1) Unavailability of trained staff to start the super specialty courses	1) Number and variety of clinical samples which can be used for research & diagnosis  2) Research on rural population	1) To keep pace with rapid expansion of techniques & automation in Microbiology  2) Newer super specialty branches in microbiology 3. less demand for PG & MD

**Future Plan**

- Automation in bacteriology labrotary
- Start of super specialty courses

---Sd/---  
Name & Signature  
(Head of the Dept.)

---Sd/---  
Name & Signature  
Dean of the college







## Department of Forensic Medicine & Toxicology



Rural Medical College  
Pravara Institute of Medical Sciences  
(Deemed University)





**Pravara Institute of Medical Sciences  
(Deemed University)  
Institution: Rural Medical College, Loni  
Departmental Evaluative Report  
Based on the date of 5 years: 2010-11 to 2015-16**

1.	<i>Name of the Department</i>		:	<b>Forensic Medicine and Toxicology</b>									
2.	<i>Year of establishment</i>		:	1985									
3.	<i>Is the Department part of a School/Faculty of the university?</i>		:	Part of RMC - a constituent College of PIMS (DU).									
4.	<i>a) Names of programmes offered</i>		:	<b>As on this day</b>									
	Prog.	Subject / Course Forensic Medicine & Toxicology	Year of Establishment	Intake per year	Fresh enrollment for academic year	Current Total Student Strength of the Dept. (of all year I,II,III etc)							
	UG	M.B.B.S	1985	125		240							
	PG	M.D.	1991	02		02							
	Ph.D	PhD	2012	02		02							
	Total	-----	-----	129	-----	244							
	<b>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</b>												
	Name of Subject & course	Total Hours of Teaching – Learning				No. of Papers & Practical to be Taught			Marks for University exam				
		Theo ry	Prac	Othe r	Tota l	Pape r	Pract ical	O t h	Paper	Pra c.	Viva	D is s	Total
	UG F.M.T. 01 & ½ yrs	100	40	--	140	1	1	-	40	30	10	-	100
	PG F.M.T. 3 Yrs	3 Y	3 Y	22 weeks	3 Yrs	04	02	-	400	150	50	-	600
	<b>c) Latest revision of curriculum/ syllabus in year 2013 &amp; 2016 and their salient features.</b>												
	<b>UG &amp; PG -2013,</b>												
	<b>a. Addition were done to the existing of UG &amp; PG syllabus of FMT of PIMS(DU) as Follows</b>												
	cv) <b>CHILD ABUSE-</b> <i>Scope of child abuse in India, Diagnosis and Medico-legal evaluation of child abuse Autopsy protocol in cases of death due to child abuse</i>												
	cvi) <b>VIOLENCE AGAINST WOMEN</b> <i>Scope of Violence against women in India Diagnosis and Medico-legal evaluation of Violence against women Autopsy protocol in cases of death due Violence against women</i>												
	<b>b) No deletions were made to the contents of the syllabus, however the amendments made were basically rephrasing of the sentences for the better comprehension.</b>												
	<b>UG &amp; PG April 2016</b>												
	1. <b>ACTS AND SCHEMES RELATED TO MEDICAL PROFESSION IN BRIEF:</b>												
	a. <i>Medicare Service Person &amp; Medicare Service Institution (Prevention of Violence and damage or loss to Property), Act 2010,</i>												
	b. <i>The Protection Of Children From Sexual Offences Act, 2012.</i>												



	<b>d) Contribution of faculty to curriculum design and Development (CDD):</b> Dr. K. D. Chavan - Chairman BOS -2012-2014 at parent university and other university Dr. M. N. Pawar – Member BOS - 2015-2017 at parent university. Dr. J. M. Farooqui – Member (As a Faculty) BOS -2015-2017 at parent university.							
5.	<b>Interdisciplinary programmes offered by the Department and department involved- Nil</b>							
6.	<b>Courses in collaboration with other universities, industries, foreign institution etc</b>					<b>Nil</b>		
7.	<b>Details of programs discontinued, if any with reasons</b>					<b>Nil</b>		
8.	<b>Examination System</b>					<b>Annual</b>		
9.	<b>Participation of the department in the courses offered by other departments</b>					<b>Pathology, Pharmacology, Microbiology, CCL</b>		
10.	<b>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</b>							
	<b>(a) Teachers</b>							
	<b>S.N.</b>	<b>Required as per MCI</b>		<b>Actual Faculty Strength (Recruited or filled)</b>				
				<b>Male</b>	<b>Female</b>	<b>Total</b>		
	<b>i</b>	Professor	01	01	--	01		
	<b>ii</b>	Associate Professor Reader	01	01	--	01		
	<b>iii</b>	Assistant Professor Lecturer	01	01	--	01		
	<b>Sub Total( i to iii)</b>		<b>03</b>	<b>03</b>	<b>--</b>	<b>03</b>		
	<b>iv</b>	Tutor	04	04	--	04		
	<b>Sub Total( iv)</b>		<b>04</b>	<b>04</b>	<b>--</b>	<b>04</b>		
	<b>Grant Total ( i to iv)</b>		<b>07</b>	<b>07</b>	<b>--</b>	<b>07</b>		
	<b>(b)</b>							
	<b>Qualification Profile of Teachers</b>			<b>M</b>	<b>F</b>	<b>Total</b>		
	<b>With P.G. Degree Only</b>			<b>03</b>	<b>--</b>	<b>03</b>		
11	<b>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</b>							
	<b>a) Faculty (as UG/PG teachers) (Internal):</b>							
	<b>Sr. No</b>	<b>Name of Teaching Staff</b>	<b>Qualification</b>	<b>Designation</b>	<b>Area of Specialization</b>	<b>Teaching Experience in Years</b>	<b>No. of PG Students</b>	
							<b>Guided</b>	<b>Guided</b>
	01	Dr. M.N. Pawar	M.B.B.S., M.D.	Professor & Head	Forensic Medicine	14 years	---	---
	02	Dr. J.M. Farooqui	M.B.B.S., M.D.	Asso. Professor	Forensic Medicine	09 years 11 M.	---	---
	03	Dr. S.B. Buktar	M.B.B.S., M.D.	Asst. Professor	Forensic Medicine	05 Years 06 M.	---	---
	04	Dr. B. Mukherjee	M.B.B.S	Tutor (PG Student)	-----	02 years	---	---
	05	Dr. S.S. Patil	M.B.B.S	Tutor	-----	06 Months	---	---
	06	Dr. A.P. Ahvad	M.B.B.S	Tutor	-----	05 Months	---	---
	07	Dr. S.B. Shrisath	M.B.B.S	Tutor	-----	10 Days	---	---



	<b>(b) Faculty of the Department as Ph.D. Guides (Internal as well as External) (as on this day)</b>						
	Sr. No	Name of the Ph.D. Guide	External or Internal	No. of Ph.D. Students of University			
	01	Dr. K.D. Chavan	External	02	-----		
12	<b>List of senior Visiting Fellows, adjunct faculty, emeritus professors : (as on this day) - None</b>						
13	<b>Percentage of classes taken by temporary faculty programme wise information : NA</b>						
14	<b>Programme wise Teacher Student Ratio</b>			:	<b>Teacher Student Ratio</b>		
	<b>UG</b>				3.66 to 19.66,		
	<b>PG</b>				1:2		
	<b>Ph.D.</b>				1:2		
15	<b>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</b>						
	Sr. No.	Staff	Name of the Post	Required as per statutory Bodies	Filled / Actual		
					M	F	Total
	1	Administrative	Steno-typist, store keeper-cum-clerk	03	03	---	03
	2	Technical	Technician & Technical Assistant	02	02	---	02
	3	Support	Laboratory Attendants & Sweepers	06	06		06
	Total	Six	11	11		11	
16	<b>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</b>						
	<ol style="list-style-type: none"> <li>1. Anthropology</li> <li>2. Identification of unidentified cadavers</li> <li>3. Awareness of Medico-legal Practice in community</li> <li>4. Histopathological evaluation in Medico-legal autopsies</li> <li>5. Age determination with newer Modalities</li> <li>6. Assessment of age of an injury: by morphology and enzyme histochemistry.</li> <li>7. Occupational hazards with emphasis to agro- chemicals.</li> </ol>						
17	<b>Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise : (For the last 5 Years)</b>						
	: 04 faculty members of the department are involved in 03 Research projects (all completed and Sponsor by university and Dept.)						
	<b>The details of projects are as follows:</b>						
<b>a) Ongoing Projects of Faculty (as on this day) :</b> One with Biostatistics & Medical Informatics Department Title : Mortality trends & patterns in tertiary care hospital of rural area of Maharashtra Duration: 01 Year Funding: University & Both (FMT & BMI) Departments.							
<b>b) Completed Projects of the faculty ( last 5 Years) – All Sponsored by PIMS-DU- Dept – 3 Projects</b>							
18.	<b>Inter- institutional collaborative projects of faculty &amp; associated grants received(For the last 5 Years) (as on this day) : Nil</b>						





19 <i>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)</i>								
	Research Projects under taken by	Data as given under sl. No. of DER	Total Projects	On going	Completed	Amount Received		Total Rs Lakhs
						On	Completed	
(a)	The faculty ( at the Dept. ) Funded by Self or Department or University	17	03	----	03	---	---	----
(b)	Inter-Institution / Industry Projects (collaborate) including clinical trials	18	----	----	----	---	---	----
(c)	UG student STS ICMR Projects	28	--	01	02	--	---	0.3
(d)	UG students STS Mgt. Sponsored Project	28	--	01	--	--	--	0.08
(e)	Research Projects of faculty Funded by National agensis	17	----	----	----	---	---	----
(f)	Research Projects funded by international agensis	17		01	05	----	---	0.38
	<b>Total</b>							
20.	<i>(a) Research Facility / Center and recognition by state / National / International agensis.(as on this day)</i>							
	<i>In the department (Details of facilities in brief)</i>				1. Medico-legal Autopsy Center recognised by state of Maharashtra since May 1998. 2. Anthropometry Lab - For examination & for research on anthropological parameters. 3. Radiology Lab - For examination & for research on Medicolegal topics related to : Age determination from Bone X-ray 4. Analytical Lab – Detection of some of the poisons in the samples. 5. Sexual Offence Examination Lab – Detection & correlation of valuable evidences from these samples.			
	<i>In other department (Details of facilities by the department) used by us.</i>				1. Biochemistry: Various markers for Myocardial Infarction, Injury, Poisoning & Vitamin Deficiencies cases. 2. Pathology : Histopathology Services 3. Radiology: Radiologist's			



		opinion in Firearm cases, age determination in unidentified bodies. 4. Biotechnology : Nuclear studies
	<i>In other college ( Details of facilities used by us)</i>	Nil
	<i>At central level ( Details of facilities used by us)</i>	Center of Biotechnology for Molecular Biology
21.	<i>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization of any.</i>	Nil
22.	<i>Publication data of last 5 years</i> <i>Publications in peer reviews journals and conference proceeding (ISSN)</i>	<i>National</i> 05, <i>International</i> 16 <i>Other</i> 06, <i>Total</i> 27.
	<i>No. of Monographs / Books/ Edited Books Published/ chapters (ISBN/NON ISBN): Nil</i>	
	<i>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.)</i>	
	<i>Research publication included and listed in international database are 15 Out of total publication. attached Annexure –I</i>	
	<i>No. of Citation Index – range / average</i>	:
	<i>SNIP</i>	: 0748
	<i>SJR</i>	: 0.476
	<i>Impact Factor- range/average</i>	: 0.531 to 0.760
	<i>h-index</i>	: 15 (All Indexed)
23.	<i>Details of patents filed / granted and income generated (5 Years data) : Nil</i>	
24.	<i>Areas of consultancy and income generated(5 Years data)</i> Consultancy provided to the i) Investigating officer in complicated medico-legal cases, ii) Career guidance for PG Aspirants, iii) UG & PG researchers & iv) Industrial workers on health related issues.	
25	<i>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data) : None</i>	

26.	<i>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data)</i>					
	<i>Total no. of faculty</i>	<i>Inter-national level</i>	<i>National Level</i>	<i>State Level</i>	<i>Others</i>	<i>Total</i>
	03	--	---	01	20	21
	<b>Dr. K.D. Chavan</b>					
	i. Member Committee for Pharmacovigilance - 2010-2011					
	ii. Member college development council, time table committee, annual calendar of events committee and internal examination committee- 2010-2011					
	iii. Co-ordinator committee for policies, procedure and practices					
	iv. Member Library advisory committee 2010-2011					
	v. Member Co-curricular activities and student welfare committee 2010-2011					
	vi. Member Institutional Research Committee					
	vii. Member of inquiry committee, appointed by Director Medical Education and Research, Govt. of Maharashtra for inquiry of Death at CPR Hospital, Kolhapur on 5 <sup>th</sup> January 2012.					
	viii. Member for Personal Interview and Presentation for Admission to PhD Degree					



<p>June 2012 run by PIMS (DU). ix. Chief Rector 2012-2014.</p> <p><b>Dr. M. N. Pawar :-</b></p> <ol style="list-style-type: none"> <li>Principal Co-ordinator for RMC Website Updation.</li> <li>Member of Death Audit committee</li> <li>Member of Hospital Clinical Quality Assurance committee</li> <li>Member of College Council</li> <li>Member Academic Council</li> <li>Member of Board of studies</li> <li>Student Incharge for RMC</li> <li>Chairman for Mentorship Programme</li> </ol> <p><b>Dr. J. M. Farooqui :-</b></p> <ol style="list-style-type: none"> <li>Chief Rector 2014-2015</li> <li>Member of Pharmacovigilance Committee – 2016-2017</li> <li>Member of Vigilance Squad</li> <li>Secretary of College council</li> </ol>				
<b>(a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data)</b>				
	<i>Total No. of Faculty</i>	<i>National level</i>	<i>State level</i>	<i>Others level</i>
<i>Membership</i>	04	02	04	04
<i>Honor</i>	01	--	--	01
<i>Any other</i>	01	--	--	01
<p><b>Dr. K.D. Chavan</b></p> <ol style="list-style-type: none"> <li>General Secretary of Medico-legal Association of Maharashtra Till 2015.</li> <li>President of Medico-legal Association of Maharashtra from 2016.</li> <li>Member of Board Studies of MUHS – Nashik</li> <li>31% Committee member MUHS- Nashik</li> <li>Chairman of Board Studies of PIMS DU- Loni, Till 2014.</li> </ol> <p><b>Dr. R.S. Bangal</b></p> <ol style="list-style-type: none"> <li>Member of Board Studies of PIMS- Loni.</li> <li>Member of Medico-legal Association of Maharashtra</li> </ol> <p><b>Dr. M.N. Pawar</b></p> <ol style="list-style-type: none"> <li>Member of Board Studies of PIMS DU- Loni.</li> <li>Member of Medico-legal Association of Maharashtra</li> <li>Member of Indian Medical Association</li> </ol> <p><b>Dr. J.M. Farooqui</b></p> <ol style="list-style-type: none"> <li>Member of Board Studies of PIMS- Loni.</li> <li>Member of Medico-legal Association of Maharashtra</li> </ol>				
<b>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data)</b>				
	<i>Total</i>	<i>Inter-National Level</i>	<i>National Level</i>	<i>State Level</i>
<i>Editor</i>	01	--	--	01
<i>EB</i>	03	01	02	--
<i>Peer Reviewer</i>	01	01	--	--
<p><b>Dr. K.D. Chavan</b></p> <ol style="list-style-type: none"> <li><b>Editorial Board member of</b> International Journal of Medicine &amp; Medical Science Research (IJMMSR)- ISSN 2331- 1819</li> <li><b>Editorial Board member of</b> Indian Journal of Forensic Medicine &amp; Pathology)- P- ISSN 0974- 3383, e- ISSN 0974- 3391</li> <li><b>Editorial Board member of</b> National Journal of Medical Sciences. ISSN 2250-1525</li> </ol> <p><b>Dr. R.S. Bangal</b></p> <ol style="list-style-type: none"> <li><b>Editor -in-Chief</b> of Journal Forensic Medicine Science and Law. - ISSN 2277-1867</li> </ol>				



	<p><b>Dr. M.N. Pawar</b> i. <b>Reviewer - Journal of addiction Medicine and therapeutic Science (International) ISSN 2455-3484.</b></p>									
27.	<p><b>Faculty recharging strategies (UGC, ASC/ MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)</b></p>									
	Sr. No.	Type of the Programme		No. of FDPs participated				Total		
				College Level	State / University Level	National Level	International Level			
	1	Orientation/Refresher/MET/CME		--	20	01	03			24
	2	Workshop/Seminar/Symposium/ conferences		05	13	08	--			26
	3	FDPs (guest lecture, training, CM, CPC, etc.)		--	20	--	--			20
28.	<p><b>Students Projects:</b> The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)</p>									
	Sr. No.	UG Projects (Including ICMR, STS)			PG Projects			PG Dissertations		
		Ongoing	Completed	Total	Ongoing	Completed	Total	Ongoing	Completed	Total
		02	02	04	--	05	05	01	06	07
	<b>Percentage of students who have done in house projects including inter departmental project</b>						: 1.69 %			
	<b>Percentage of students doing projects in collaboration with other universities/industry/institute</b>						: 1.69 %			
	<b>Details of PG dissertations are given in the annexure</b>						: List of Dissertation attached			
29.	<p><b>a) Research Awards/recognitions received at the national and international level (5 Years data)</b> International <b>UG Students</b> 1. Mr. S Sethi &amp; Dr. J.M. Farooqui ' Pandemic of decadence is Medicine still unaffected ' 2012-2013. (International) 2. Darshana Sharma (III/II), Mariya Shaikh (II/II) (International) State Forensicon 2015: <b>Poster-</b> A Seed of Death, Cornary Crash in a Creche ( I st Prize ), 14<sup>th</sup> - 15<sup>th</sup> Feb.2015, M.G. Medical College, Aurangbad</p> <p>b) General awards of faculty and students (other than Research, for teaching extension, social service) : Nil</p>									
	Total	Inter-national		National	State		Others			
	<b>(ii) General Awards to Faculties &amp; Student for Social service / Extension activities. (5 Years data)</b>									
		Total		Inter-national	National	State		Others		
	Faculty									
	Student									
30.	<p><b>Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special</b></p>									



a)	<i>lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data)</i>								
		Total	State Level	Univ / College Level	Funding Source	No. of participants	No. of Resource Persons		
	Symposia (S)	01	01	---	ICMR & Delegate	413	07		
	Conference (C)	02	02	-----	ICMR & Delegate	475 + 400 = 875	22 + 13 = 35		
	Workshops (W)	01		01	PMT	20	06		
	FDPs	01	-----	01	PMT	41	01		
	Total	05	03	01		1349	49		
	<b>1) Publication of Abstract of the S/S/C/W Three (03)</b>								
b)	<i>Note : Reports on details of S/S/C/W and External Resource person, delegates attended and Proceedings etc. are given in the annexure in the following format</i>								
	Sr. No	Name of the Event S/S/C/W/FDP (CM, CME, CPC, GL, )	Sponsoring Agency	Level of Organization		No. of Resource Person /Experts		No. of Delegates	Date and Year
				University / State	College	Internal	External		
	1	<i>XV Annual Conference of MLAM</i>	ICMR Delegate (Registration) PMT	State	--	02	20	475	<i>20-21 August 2011</i>
	2	<i>Patient Care and Medical Documentation,</i>	ICMR Delegate (Registration) PMT	State	-	02	05	413	<i>19<sup>th</sup> January 2013,</i>
3	<i>Argentia 2014 XVII State Level Conference</i>	ICMR Delegate (Registration) PMT	State	-	02	11	400	<i>22nd and 23rd February 2014 at Mahabaleshwar, Maharashtra.</i>	
4	<i>Workshop</i>	PMT	-	College	02	03	20	<i>18.03.2016 Dept. FMT, Loni.</i>	
<b>31.</b>	<b>Code of ethics for research</b>			:	Yes - ICMR code of Ethics, DCGI Registered PIMS-DU's				





	<i>followed by the departments</i>			IEC code			
32.	<i>Student Profile programme-wise</i>		:	--			
a) PG Programme Name of the Programme :							
Academic Year	No. of Application Received for PG CET		CET Pass %	No of Students Selected through CET			
				M	F	T	
2010-11	513		73.90	01	--	01	
2011-12	382		76.83	02	--	02	
2012-13	321		73.40	01	--	01	
2013-14	408		79.94	01	--	01	
2014-15	371		80.05	-	--	-	
2015-16	371		80.05	-	--	-	
No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year							
Academic Year of Outgoing batch	No. of Students			% of Pass student with			
	Appeared	Pass	Pass %	I <sup>st</sup> Class I <sup>st</sup> Class with Distinction			
2010-11	01	01	100	01			
2011-12	02	02	100	----			
2012-13	01	01	100	-----			
2013-14	01	01	100	-----			
2014-15	01	00	00	-----			
2015-16	01	01	100	-----			
b) UG Students Name of the subject and course							
Academic Year	No. of Application Received	CET Pass %	No of Students Selected for UG Course				
			M	F	T		
2010-11	--	----	----	----	-----		
2011-12	2257	68.42	54	71	125		
2012-13	3568	66.85	56	69	125		
2013-14	2913	70.21	65	60	125		
2014-15	2496	65.76	53	72	125		
2015-16	2778	64.09	61	64	125		
<b>Results of University examination for the subject taught by the Department- Forensic Medicine &amp; Toxicology</b>							
Name of the Subject	Academic Year (For Outgoing Batch)		Total Students Appeared	No of Students passed	Pass % of Dept. Subject	% of I <sup>st</sup> Class	% of I <sup>st</sup> Class with Distinction
Forensic Medicine & Toxicology	2010	2011	88	86	97.72.	46.51	1.16
	2011	2012	114	108	94.73	46.29	0.92
	2012	2013	118	116	98.30	29.66	-----
	2013	2014	114	113	99.12	46.10	-----
	2014	2015	96	95	98.95	54.73	-----
	2015	2016	112	108	96.42	36.11	-----



<b>33. Diversity of Students : a) PG Programme</b>							
Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state		No. and % of students from other Countries	
	2010-11	-----	01 - 50%	01 - 50 %		-----	
	2011-12	-----	01 - 50%	01 - 50 %		-----	
	2012-13	-----	02 - 100	-----		-----	
	2013-14	----	-----	01 - 100		-----	
	2014-15	-----	-----	01 - 100		-----	
	2015-16	-----	-----	-----		-----	
<b>b) UG Programme</b>							
Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state		No. and % of students from other Countries	
MBBS	2011	---	--	110	88	15	12
MBBS	2012	---	--	115	92	10	08
MBBS	2013	---	--	100	80	25	20
MBBS	2014	---	--	74	59.20	51	40.80
MBBS	2015	---	--	83	66.40	42	33.60
<b>34. How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.)</b>							
<b>35. Student progression:</b>		:		<b>Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)</b>			
Student Progression			% against enrolled				
I	UG – PG Studies		--				
	PG - SS		--				
	PG – Ph. D.		--				
	UG to employment		Campus selection of 08 interns by TCS Mumbai.				
	PG to employment		Total 22 Post Graduates are admitted to the Department out of which 20 are passed out & Working in Academic & Administrative fields in & outside the India.				
	UG / PG to Entrepreneur						
<b>36. Diversity of Staff as on this day</b>							
<b>Number and % Diversity of Staff ( as on this day ) belonging to</b>				<b>% Staff who have obtained PG Degree from</b>			
<b>Same State/UT</b>		<b>06 &amp; 75 %</b>		Parent University 02 & 25 %			
<b>Outside State/UT</b>		<b>02 &amp; 25 %</b>		Other Universities of the State 01 & 12.5%			
<b>Other States</b>		<b>02 &amp; 25 %</b>					
<b>37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) : None</b>							
<b>38. Present details of departmental infrastructural facilities with regard to :</b>							
<b>A) Infrastructural facility (Common to all departments)</b>							
<b>a) Library (dept): No. of Collections</b>		:		Departmental Library : Books – 119 Journals – 09			



<b>Book/Journal/ Project Report Central Library books and Journal belonging to our department (both print and e mode)</b>		Dissertations - 25 Central Library : Books – 225 Journals – 08				
<b>b) Internet facilities for staff and students</b>	:					
<b>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive &amp; Inclusive)</b>	:	Class Rooms - 08 , Demo Rooms 03 Seminar Halls-01 Auditorium 01 Other s-01 ( Mini Theater)				
<b>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive)</b>	:	Yes				
<b>e) Students laboratories at the Department</b>	:	Practical Laboratory with sitting capacity of 100 students with 35 microscopes, with PA System.				
<b>f) Research Laboratories of the Dept.</b>		Research Laboratory with advanced instruments & equipments for histopathology & Forensic Related research procedures.				
<b>g) Museum at the Department and no. of specimen, charts, Modules etc.</b>	:	Specimen- 120, Wax Modules-33, Chart 106, X ray - 121 Photography- 300 Weapons- 250, Bones – Set -6 Audio Visual slide – 200				
<b>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)</b>	:	X ray Portable Machine, Mortuary chamber ( Three Bodies) Digital Organ Weighing Machine, Automatic tissue processing machine , Anthropometry Set, Digital Spectrometer, Digital PH meter, Binocular and Monocular Microscopes, Autopsy Saw				
<b>B) Clinical learning resource data - Not Applicable</b>						
<b>C) Para clinical learning resource :</b> Monthwise Medico-legal Post mortem done in the year of 2011 to 2016 is as follows.						
<b>Month</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
<b>January</b>	24	21	30	25	27	26
<b>February</b>	12	16	28	28	25	26
<b>March</b>	11	31	24	29	32	23
<b>April</b>	24	20	27	30	32	27
<b>May</b>	26	20	24	27	26	41
<b>June</b>	24	28	17	33	24	20
<b>July</b>	28	24	27	24	16	14 till Date
<b>August</b>	20	28	18	17	24	
<b>September</b>	24	64	30	24	37	
<b>October</b>	20	30	32	29	27	



	<b>November</b>	<b>21</b>	<b>31</b>	<b>18</b>	<b>28</b>	<b>28</b>					
	<b>December</b>	<b>27</b>	<b>20</b>	<b>24</b>	<b>26</b>	<b>20</b>					
	<b>Total</b>	<b>261</b>	<b>343</b>	<b>309</b>	<b>320</b>	<b>318</b>			<b>177</b>	till dt.	
<b>D) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well</b>							:	<b>Pathology, Microbiology, Radiology and CCL.</b>			
<b>39.</b>	<b>No. of doctoral post- doctoral students and Research Associates / PDF working</b>						:	<b>NA</b>			
Number of Research Pdf/RA receiving fellowship from central agency / University: None No. of Ph.D. Awarded by the Dept during last 5 years: None											
<b>40</b>	<b>(a) Number of students getting financial assistance from the university</b>										
<b>PG and Ph.D. Students getting assistance from the University</b>											
	Sr. No	Type of Scholarship form	P G/ P h. D.	Academic Year						Total No. of Students	Total Amount received from students
				10-11	11-12	12-13	13-14	14-15	15-16		
	1	Central Gov	--	--	--	--	--	--	-	-	
	2	State Gov	--	20	21	21	17	21	16	116	
	3	Other agencies	--	--	--	--	--	--	-	-	
	4	parent universities	--	15	5	7	-5	2	3	37	
		<b>Total</b>	--	<b>35</b>	<b>26</b>	<b>28</b>	<b>22</b>	<b>23</b>	<b>19</b>	<b>233447500</b>	
<b>41.</b>	<b>Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :</b> Yes; Its applicability & Preferences over other courses along with its cost effectiveness.										
<b>42.</b>	<b>Does the department obtain feedback from</b>										
	Sr.No.	From	Yes/No	Feedback Manual / Digital				How the feedback analysis is used for improvement			
	1	Student	Yes	Both Manual & Digital				By Implimenting the better suggestions			
	2	Faculty	Yes	Both Manual & Digital				By Implimenting the better suggestions			
	3	Alumni / Parents/ Employer	Yes	Both Manual & Digital				By Implimenting the better suggestions			
<b>43.</b>	<b>List the distinguished alumni of the department (Maximum 10) ( UG student or PG Student belonging to the subject)</b>						:	Name and designation with address			
	Sr. No.	Name & Designation	Details at the PIMS University & Year				Place of work of alumni				
	01	Dr. S.N. Hussaini	PG Students 2006-2008				Asso. Professor Govt. Medical College, Rajnandgaon (CG)				
	02	Dr. Puneet Awasthi	PG Students 2007-2009				Asso Professor G.S.V.M. Kanpur				
	03	Dr. S.B. Datir	PG Students 2008 -2010				Asso Professor D.Y. Patil Medical College, Pune				
	04	Dr. C.S. Makhani	PG Students 2010 - 2012				Asst Professor (Col.) Arms force Medical College, Pune.				
	05	Dr. M.R. Petkar	PG Students 2011-2012				Asst Professor D.Y. Patil Medical College, Pune				



	06	Dr. V.S Kalokhe	2PG Students 011-2013	Asst Professor NDMVP Nashik																										
	07	Dr. U.R. Gonnade	PG Students 2012-2014	Asst Professor Pt J.M.M.C. – Raipur																										
44.	<p><b>Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</b></p> <p><b>The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under</b></p> <table border="1"> <thead> <tr> <th rowspan="2">Sr. No.</th> <th rowspan="2">Event (SEP) UG + PG</th> <th rowspan="2">No. Events</th> <th colspan="2">No. of Prominent</th> </tr> <tr> <th>External Experts</th> <th>Internal Experts</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>Seminar</td> <td>5</td> <td>---</td> <td>--</td> </tr> <tr> <td>02</td> <td>Workshop</td> <td>1</td> <td>3</td> <td>2</td> </tr> <tr> <td>03</td> <td>Special Guest Lecture</td> <td>1</td> <td>1</td> <td>3</td> </tr> </tbody> </table> <p>(Details given in annexure) 1. All Faculties, 2. Workshop, 3. Dr. Kadu</p>				Sr. No.	Event (SEP) UG + PG	No. Events	No. of Prominent		External Experts	Internal Experts	01	Seminar	5	---	--	02	Workshop	1	3	2	03	Special Guest Lecture	1	1	3				
Sr. No.	Event (SEP) UG + PG	No. Events	No. of Prominent																											
			External Experts	Internal Experts																										
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02	Workshop	1	3	2																										
03	Special Guest Lecture	1	1	3																										
45.	<p><b>a) List the teaching methods adopted by the faculty for different programmes:</b></p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>For UG</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>For PG</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> </tr> </thead> <tbody> <tr> <td>---</td> <td></td> <td>110</td> <td>15</td> <td>5</td> <td>5</td> <td>5</td> <td></td> <td>100</td> <td>50</td> <td>10</td> <td>10</td> <td>10</td> </tr> </tbody> </table> <p>A: Traditional B: Blended C: ICT enabled D: Learning Centric Approach E: Beyond Curriculum Scholarly activities.</p> <p><b>b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling,</b></p>				Sr. No.	For UG	A	B	C	D	E	For PG	A	B	C	D	E	---		110	15	5	5	5		100	50	10	10	10
Sr. No.	For UG	A	B	C	D	E	For PG	A	B	C	D	E																		
---		110	15	5	5	5		100	50	10	10	10																		
46.	<p><b>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?</b></p>																													
47.	<p><b>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive)</b></p> <p>i) <b>Involvement of student and faculty in various type of extension activity organized by the dept.</b></p> <p>j) <b>Our faculty is involved extension in health awareness programs organized by the college / University through lectures, rally, camps/ training. as HR / Contributions</b></p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Programme</th> <th>Venue</th> <th>Topic</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Dr. Mohan Pawar Prof &amp; Head, Participated in Live phone in programme 'Doctorancahe Bol' in Marathi on KVK Pravara Community 90.8 FM</td> <td>KVK Pravara Community 90.8 FM, Center Babhaleshwar, Ta. Rahata. Dist. Ahmednagar</td> <td>'Myths &amp; Misunderstanding about Medicolegal autopsies'</td> <td>28.04.2016 07.30 to 8.00 PM</td> </tr> </tbody> </table>				Sr. No.	Programme	Venue	Topic	Date	1.	Dr. Mohan Pawar Prof & Head, Participated in Live phone in programme 'Doctorancahe Bol' in Marathi on KVK Pravara Community 90.8 FM	KVK Pravara Community 90.8 FM, Center Babhaleshwar, Ta. Rahata. Dist. Ahmednagar	'Myths & Misunderstanding about Medicolegal autopsies'	28.04.2016 07.30 to 8.00 PM																
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48.	<p><b>Give details of "beyond syllabus scholarly activities" of the department :</b></p> <ol style="list-style-type: none"> <li>Regularly conducting Quiz, Debate, Conferences, workshop, CMEs</li> <li>Visit to Police Station Loni for Live demonstration of Firearms.</li> <li>Promoting students for scientific innovations.</li> <li>Involving students in Visit to scene of crime and forensic science laboratory</li> <li>Updating students with Medical Professional news under "News Column" (A Wall Magazine)</li> </ol>																													
49.	<p><b>State whether the programme / department is accredited / graded by other agencies? If yes, give details : No</b></p>																													
50.	<p><b>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied , Patents etc.</b></p> <ul style="list-style-type: none"> <li>Through 27 research paper, 20 PG Dissertations.</li> </ul> <p><b>b) Salient and unique feature of Department.</b></p> <ul style="list-style-type: none"> <li>Only Private Medical Institute in the Maharashtra Performing Medico-legal Autopsies</li> <li>UG student supported by Departmental Staff to participate quiz Competition, Essay writing symposia, Seminar, Paper presentation Debate etc.</li> </ul>																													





	<ul style="list-style-type: none"> <li>• AV aid use for live demonstration of Medico-legal Autopsy</li> <li>• PG Students Participate student support programme</li> <li>• Both UG and PG students published their scientific research papers</li> </ul> <p><b>c) Innovation of the Department. –</b></p> <ul style="list-style-type: none"> <li>• Mock court trials</li> <li>• Visit to Police Station Loni for Live demonstration of Firearms.</li> <li>• Guidance for scientific innovation by student.</li> <li>• Visit to scene of crime and forensic science laboratory</li> <li>• Encouraging &amp; guiding Second year Students to participate in ICMR's STS Programme with newer &amp; advanced topics of our subject</li> </ul> <p><b>d) Best practice of the Department –</b></p> <ul style="list-style-type: none"> <li>• Computersied e-Post Mortem Report for Investigating officers.</li> <li>• Questionnaire based research among community</li> <li>• Awareness of relatives regarding donation of various organ to next of kin by counselling by the department of staff</li> <li>• Assisting law and force men as an when required</li> <li>• Awareness to community in relation to occupational hazard, Organ Donation, Myths &amp; Misunderstanding about medicolegal autopsies.</li> </ul>
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**51** *Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department : (Important or major ones) in bullet form.:SWOC*

	Strength	Weaknesses	Opportunities	Challenges
	Only Private Medical Institute in the Maharashtra performing Medico-legal autopsies since 28 years	Collaborative Research Projects and funded Projects	To become one of the Private Medical Institute in the Maharashtra as well as in India to perform all type of Medico-legal autopsies in rural area	Global Access for updating the a advancement of services
	Only Private Medical Institute in the Maharashtra having post Graduate degree Courses	-----	Scope for rural area related quality research in medico-legal autopsies. Inviting the Foreign Faculties for upgrading the services to be provided at the centre.	MCI Reduced the Faculty requirement in the subject
	Only Private Medical Institute in the Maharashtra to be called for training of Medical Officers of Govt of Maharashtra	-----	To become the only Private Medical Institute in the Maharashtra to be called for training of Medical Officers of other states also.	Less scope for FMT in India
	Providing Medico-legal services in the Rural areas since almost 28 years.	-----	Medico-legal data from the Rural areas available for advance & community based research; since almost 28 years; with an avarage 300 ML Autopsies per year.	Awareness of the rural community about FMT & Medicolegal services.

<b>52.</b>	<p><b>Future Plan</b></p> <ol style="list-style-type: none"> <li>1. Up gradation of the Museum</li> <li>2. Establishing Poison Information Center</li> <li>3. Establishing accredited analytical Toxicological laboratory</li> <li>4. Physical Infrastructure :-             <ol style="list-style-type: none"> <li>a) Mortuary Block with advanced e-services &amp; Live Demonstration in workshops / conferences.</li> <li>b) Updated Histopathology Laboratory, Mordenised Anthropometry Laboratory, Varieties of teaching Material on electronic display / catalogue (Like Medicolegal &amp; Pathological specimen Charts, Models, Prototype fire arms, Wax Models, Slides, Poisons, Photographs, Bones, Weapons, Foetuses etc).</li> </ol> </li> </ol> <p><b>IT : Electronic Record Database,</b></p> <ol style="list-style-type: none"> <li>1. Software for e- Final Cause of Death Certificate and other: Medico-legal Consultancy Center for needy</li> </ol>
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---Sd/---  
**Name & Signature**  
**(Head of the Dept.)**

---Sd/---  
**Name & Signature**  
**Dean of the college**



## Department of Community Medicine



**Rural Medical College**  
**Pravara Institute of Medical Sciences**  
**(Deemed University)**





**Pravara Institute of Medical Sciences (Deemed University)  
Institution: Rural Medical College, Loni  
Departmental Evaluative Report  
Based on the date of 5 years :2010-11 to 2015-16**

1.	<i>Name of the Department</i>					:	Community Medicine (PSM)
2.	<i>Year of establishment</i>					:	1984(UG) PG(1991)
3.	<i>Is the Department part of a School/Faculty of the university?</i>					:	Yes
4.	<i>a) Names of programmes offered</i>					:	As on this day
	Prog.	Name of the Prog. Year of Establishment	Year of Establishment	Intake per year	Fresh enrollment for A. Y.	Current Total Student Strength	
	UG	MBBS	1984	125		386	
	PG	MD	1991	01		02	
	Total			126		380	
	<i>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</i>						
	<ul style="list-style-type: none"> <li>● MBBS Theory 148 Hrs + 228 Practical Hrs = Total 376 Hrs</li> <li>● 2 Theory Paper + 1 Practical + Viva Voce – Total 250 M</li> <li>● MD – 4 Theory + One Practical + Dissertation + Viva Voce – Total 800 M</li> </ul>						
	<i>c) Latest revision of curriculum/ syllabus in Year 2013 and their salient features.:</i>						
	1.UG: Marking pattern was revised exactly as per MCI guidelines which will be implemented for batch appearing in December 2016; 2 theory papers of 60 marks each(instead of 75) and 40(instead of 100) marks practical as per MCI guidelines						
	2.PG: name of subject changed to Community Medicine(from earlier Preventive & Social Medicine); paperwise topics revised						
	<i>d) Contribution of faculty to curriculum design and Development (CDD) as</i>						
	i) Chairman BOS- Dr.D.B.Phalke						
	ii) Members:Dr. A.P.Kulkarni,Dr. Mrs.V.D.Phalke,Dr.J.D.Deshpande,Dr.Anup Kharde, Mr.H.J.Pawar						
	iii) BOE at parent university- Dr.Mrs.V.D.Phalke						
	<b>iv) Organization of CDD workshops at the Dept / University-Organised MET workshops covering curriculum design topic</b>						
5.	<i>Interdisciplinary programmes offered by the Department and department involved</i>						
	Name of Programs offered by our department			Involved Departments			
				Within the institute		Of the other institute	
	MBBS / MD			All Department		Center for Social Medicine,	
	Nature of involvement: Participation in all outreach and community Education						
6.	<i>Courses in collaboration with other universities, industries, foreign institution etc</i>						Nil
7.	<i>Details of programs discontinued, if any with reasons</i>						Nil
8.	<i>Examination System-</i>						
	* <u>Summative assessment</u> : At end of 3.5 years(IIIrd MBBS Part I) (Theory 120-two papers of 60 each and 40 marks practical;						
	** <u>Formative evaluation</u> (3 term ending theory 50 marks each at end of II/I,II/II,III/I )and (3 practicals /CP examinations at end of II/I,III/I & III/II postings);and Preliminary examination(Theory 120-two papers of 60 each and 40 marks practical						
9.	<i>Participation of the department in the courses offered by other departments</i>			BPTH course Community Health and Sociology; MPH course			
10.	<i>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</i>						
	<i>(a) Teachers</i>						
	<i>S.N.</i>	<i>Required as per MCI/DCI / INC/ UGC / Other Statutory bodies</i>			<i>Actual Faculty Strength (Recruited or filled)</i>		



		<i>Male</i>	<i>Female</i>	<i>Total</i>			
<i>i</i>	Professor	04	01	05			
<i>ii</i>	Associate Professor Reader	02	--	02			
<i>iii</i>	Assistant Professor Lecturer	04	--	04			
<b>Sub Total( I to iii)</b>		<b>10</b>	<b>01</b>	<b>11</b>			
<i>iv</i>	Demonstrator			-			
<i>v</i>	Tutor	02	04	06			
<i>vi</i>	Senior Resident	--	--	--			
<i>vii</i>	Junior Resident	--					
<b>Sub Total( iv to vii)</b>		02	04	06			
<b>Grant Total ( i to vii)</b>		<b>12</b>	<b>05</b>	<b>17</b>			
<i>(b)</i>							
<b>Qualification Profile of Teachers</b>		<i>M</i>	<i>F</i>	<i>Total</i>			
<b>With P.G. Degree Only</b>		8	1	9			
<b>With higher qualification than PG (Ph.D/D.Sc.)</b>		2 (PhD)	-	2			
<b>Other Higher Qualification (MRCP/PRCP/DM.M.Ch. etc.)</b>		1 (FAIMER fellowship)	-	1			
<b>Teachers Pursuing Higher Degrees</b>		-	2	2			
<b>11</b>	<b>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</b>						
	<b>a) Faculty (as UG/PG teachers) (Internal):</b>						
Sr. No	Name of Teaching Staff	Qualification	Designation	Area of Specialization	Teaching Experience in Years	No. of PG Students	
						Guiding	Guided
1	Dr. D. B. Phalke	MD - PSM	Prof. & Head	CM	26	1	3
2	Dr.R.C.Goyal	MD - Comm. Medicine	Prof.	CM	32	-	4
3	Dr. A. P. Kulkarni	MD – PSM PhD	Prof.	CM	37	Nil	-
4	Dr. Mrs. V. D. Phalke	MD - PSM	Prof.	CM	22	1	3
5	Dr. J. D. Deshpande	MD - PSM	Prof.	CM	15	-	1
6	Dr.Javdekar	MD - PSM	Asso. Prof.	CM	25		
7	Dr.Sachin B.Palve	MD - PSM	Asso. Prof.	CM	7.5		
8	Dr. A. L. Kharde	MD - PSM	Asst. Prof.	CM	4	-	-
9	Dr. M. G. Kamble	MD - PSM	Asst. Prof.	CM	6	-	-
10	Dr.Kalpak S. Kadarkar	MD - PSM	Asst. Prof.	CM	4		
11	Mr. H. J. Pawar	M. Sc	Asst. Prof.	CM	23	-	-
12	Dr. S. N. Thitame	M.Sc Ph. D	Asst. Prof.	CM	10	-	-
13	Dr. Swati Dhakane	MBBS	PG Student	CM			
14	Dr. V. N. Mahavarkar	MBBS	PG Student	CM			





15	Dr.Singh A.U.	MBBS	Tutor	-			
16	Dr.Deo N.B.	MBBS	Tutor	-			
17	Dr. N. L. Katkar	MBBS	Tutor	-			
18	Dr.Naik S.G.	MBBS	Tutor				
<b>(b) Faculty of the Department as Ph.D. Guides (Internal as well as External) (as on this day)</b>							
Sr. No	Name of the Ph.D. Guide		External or Internal			No. of Ph.D. Students of University Guiding	
1	Dr. R. C. Goyal		Internal			3	
2	Dr. A. P. Kulkarni		Internal			3	
3	Dr. Mrs. V. D. Phalke		Internal			6	
12	<b>List of senior Visiting Fellows, adjunct faculty, emeritus professors : (as on this day) Nil</b>						
13	<b>Percentage of classes taken by temporary faculty programme wise information</b> : Nil						
14	<b>Programme wise Teacher Student Ratio</b>			:	<b>Teacher Student Ratio</b>		
	<b>Programme</b>						
	<b>UG</b>				1:10		
	<b>PG</b>				1:1		
	<b>Ph.D.</b>				1:4		
15	<b>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</b>						
Sr. No.	Staff	Name of the Post		Filled / Actual			
				M	F	Total	
1	Administrative	MSW & Clerk		02	01	03	
2	Technical	Lab. Technician		02	-	02	
3	Support	Attendant		02	-	02	
	Total			06	01	07	
16	<b>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</b> Communicable diseases, MCH,TB-HIV, hypertension, adolescent health						
17	<b>Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise : (For the last 5 Years)</b>						
	<b>(B). Research Projects under taken by</b>	<b>Total Projects</b>	<b>On going</b>	<b>Completed</b>	<b>Amount Received</b>		
					<b>Ongoing</b>	<b>Completed</b>	
	UG student STS ICMR Projects	7	-	7		70000/- Rs	
	Research Projects of faculty Funded by National / Int. Institution / Industries	6*	2	4	16.54	Rs.3,65,000 /-	
	<b>Total</b> (Dr.Sachin Palve(RNTCP); Dr.Ganesh Shinde(RNTCP); Dr.Pallavi Shidhaye(ICMR); Dr.Varsha Mhavarkar(RNTCP) b)Evaluation of SNGO in Maharashtra,Dr.D.B.Phalke(PI) Dr. J. D. Deshpande (Co - P. I.)funded by SHSRC,Pune c)Rotavirus incidence study-Dr.A.P.Kulkarni(PI)						
18.	<b>Inter- institutional collaborative projects of faculty &amp; associated grants received (including clinical trials) excluding those included a Sr. No.16) (For the last 5 Years) (as on this day) : One Completed</b>						





<b>19</b>	<b>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)</b>								
	<b>Research Projects under taken by</b>	<b>Data as given under sl. No. of DER</b>	<b>Total Projects</b>	<b>On going</b>	<b>Completed</b>	<b>Amount Received</b>		<b>Total Rs Lakhs</b>	
						<b>On</b>	<b>Completed</b>		
(a)	The faculty Funded by Department or University	17		2	5	30000	60000	90000	
(b)	Inter-Institution / Industry Projects (collaborate) including clinical trials	18		1		16.54 lakhs		16.54 lakhs	
(c)	UG student STS ICMR Projects	28		1	7	10000	70000	80,000	
	<b>Total</b>			4	12				
<b>20.</b>	<b>(a) Research Facility / Center and recognition by state / National / International agenesis.(as on this day)</b>			Research laboratory available-qualitative analysis of water,					
	<b>In the department (Details of facilities in brief)</b>			UHTC,RHTC utilized by UGs and PGs for research projects					
	<b>In other department (Details of facilities by the department) used by us.</b>			The facilities from microbiology department used for UG/PG/Funded projects					
	<b>In other college ( Details of facilities used by us)</b>			Computerized Lung function testing equipment from Dr.A.P.J.Abdul Kalam College of Physiotherapy was used for PG dissertation at UHTC Pravaranagar					
	<b>At central level ( Details of facilities used by us)</b>			-					
<b>21.</b>	<b>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization of any.</b>			-					
<b>22.</b>	<b>Publication data of last 5 years Publications in peer reviews journals and conference proceeding (ISSN)</b>					<b>National 45 International 65 Total- 110</b>			
	<b>No. of Monographs (ISBN/NON ISBN)</b>				:	Nil			
	1.Basics of biostatistics CBS publications ISBN- 978-81-239-2931-6 2.Basics of Research Methodology First edition Paras Medical Publishers Hyderabad,ISBN 978-93-83124-49-7 3.Dr.R.C.Goyal Research Methodology for Health Professionals, Jaypee publishers First edition, ISBN 978-93-5025-101-0				:	03			
	<b>No. of Edited Books (ISBN/NON ISBN)</b>				:	-nil			
	<b>No. of chapters in Books with details of publishers (ISBN/NON ISBN)</b>				:	Nil			
	<b>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.)</b>								
	<b>Research publication included and listed in international database are -110 Out of total publication.</b>								
	<b>No. of Citation Index – range / average</b>				:	Range: 0-15; Average: 1.08			



	<b>SNIP</b>	:	Range: 0-1.252; Average: 0.33
	<b>SJR</b>	:	Range: 0.0- 0.045; Average: 0.024
	<b>Impact Factor- range/average</b>	:	0-2
	<b>h-index</b>	:	10
23.	<b>Details of patents filed / granted and income generated (5 Years data)</b>	:	Nil
24.	<b>Areas of consultancy and income generated(5 Years data)</b>	:	Honourary consultancy in all projects of CSM
25	<b>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data)</b>		
26.	<b>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data)</b>		
	<b>Total No. of Faculty</b>		
	<ul style="list-style-type: none"> <li>• Dr.D.B.Phalke Chairman BOS member Academic council, Coordinator MEU, Core committee member RNTCP</li> <li>• Dr.R.C.Goyal Member Academic Council,Officer I/C MEU Chairman core committee,RNTCP</li> <li>• Dr.Sachin Palve-Nodal Officer,DMC cum DOTS center</li> <li>• Dr A.P.Kulkarni Member of BOS DY PATIL (DU) Pune</li> <li>• Dr A.P.Kulkarni member of Ethics Committee of Gokhale Institute of Economics, Pune</li> <li>• Dr A.P.Kulkarni Member of Research &amp; Recognition Committee, PIMS DU</li> <li>• Dr.D.B.Phalke, Dr A.P.Kulkarni Dr.V.D.Phalke member of Academic Council, PIMS</li> <li>• Dr.D.B.Phalke, Dr A.P.Kulkarni Dr.V.D.Phalke, Dr.J.D.Deshpande, Dr.Anup Kharde are members of BOS PIMS</li> <li>• Dr A.P.Kulkarni member of Ethics Committee PIMS</li> <li>• Dr.V.D.Phalke, Dr.J.D.Deshpande are member of ethics committee RMC 01: Dr.V.D.Phalke member of BOE PIMS</li> </ul>		
	<b>(a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data)</b>		
	01 Dr.D.B.Phalke	FAIMER 2011	
	<ul style="list-style-type: none"> <li>• (Dr A.P.Kulkarni Fellow of IAPSM)</li> <li>• Life Member IAPSM - Dr.D.B.Phalke,Dr.Mrs.V.D.Phalke, ,Dr.Anup Kharde Dr.Kalpak Kadarkar</li> <li>• Dr.Sachin Palve,Life member IPHA</li> <li>• Member of Association of Agricultural Medicine &amp; Rural Health: Dr.D.B.Phalke, Dr.Mrs.V.D.Phalke, Dr.J.D.Deshpande</li> </ul>		
	Dr A.P.Kulkarni delivered “Dr Banoo Koyajee Memorial Oration” in state level IAPSM conference, Mumbai		01
	<b>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data)</b>		
	<ul style="list-style-type: none"> <li>• Dr.R.C.Goyal Editor “Pravara Medical Review” Reviewer IJCM South Asian Journal of family medicine</li> <li>• DR J.D.Deshpande “Advance medical sciences-An International Journal”</li> <li>• Dr D.B.Phalke “Pravara Medical Review”</li> </ul>		



27.	<p><i>Faculty recharging strategies (UGC, ASC/MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)</i>  <i>Sr.no 4,5,6 recognized by MCI; others at University level</i></p>								
Sr. No	Dates Teaching	Professor	Associate Professor	Assistant Professor	Tutor	Total			
1	17/1/2011 - 22/1/2011	4	9	2	6	21			
2	25/7/2011 - 30/7/2011	6	3	5	9	23			
3	19/1/2012 - 14/1/2012	3	4	4	9	20			
4	25/11/2013 - 27/11/2013	10	4	4	1	19			
5	7/7/2014 - 9/7/2014	9	6	6	1+2	24+2			
6	27 /1/2015 – 29/1/2015	5	3	17	--	25			
7	15/10/2015- 17/10/2015	5	10	10	+2	27+2			
28.	<p><b>Students Projects:</b> The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)</p>								
Sr. No.	UG Projects (Including ICMR, STS)			PG Projects			PG Dissertations		
	Ongoing	Completed	Total	Ongoing	Completed	Total	Ongoing	Completed	Total
1	-	7	7	-	4	4	2	14	16
<p><i>Percentage of students who have done in house projects including inter departmental project</i></p>								:	50
<p><i>Details of PG dissertations are given in the annexure</i></p>								:	
29.	<p><i>a) Research Awards/recognitions received at the national and international level (5 Years data)</i></p>								
Sr. No.	Received by	No. of Awards							
		International	National	State/ University	Total				
1	Faculty	1	2		2				
2	Student UG			3	3				
3	Student PG / Ph.D		1		1				
	Total		3		3				
<p>Best research paper award at Malaysia to Dr. R. C. Goyal</p>									
30.	<p><b>a) Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data)</b></p> <ul style="list-style-type: none"> <li>• Every year from 2011 upto 2016 regular :10 Internship orientation programs /CAC:2011-2016</li> <li>• Integrated seminar on diabetes 7/4/2016 – 150 participants and 6 Resouce Persons</li> </ul>								



	<ul style="list-style-type: none"> <li>• 1(IYCH and SAM) Dec 2013</li> <li>• World environment day 5/6/2016</li> <li>• Placement drive for MBBS interns by TCS on 15/6/2016 – 88 participants and 4 Resouce Persons</li> <li>• MCI recognized MET workshop 27-29<sup>th</sup> January 2015</li> <li>• PG Induction &amp; training program 27-29<sup>th</sup> June 2016</li> <li>• PG orientation program June 2014</li> </ul>						
<b>b)</b>	<i>Note : Reports on details of S/S/C/W and External Resource person, delegates attended and Proceedings etc. are given in the annexure in the following format</i>						
<b>31.</b>	<i>Code of ethics for research followed by the departments</i>	:	Yes - ICMR code of Ethics, DCGI Registered PIMSDU's IEC code				
<b>32.</b>	<i>Student Profile programme-wise</i>						
a) PG Programme Name of the Programme :							
Academic Year	No. of Application Received for PG CET		CET Pass %	No of Students Selected through CET			
				M	F	T	
2011-12	513		73.90	00	--	00	
2012-13	382		76.83	01	--	01	
2013-14	321		73.40	00	01	01	
2014-15	408		79.94	00	01	01	
2015-16	371		80.05	00	00	00	
No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year							
Academic Year of Outgoing batch		No. of Students					
		Appeared	Pass	Pass %			
2011-12		01	01	100			
2012-13		01	01	100			
2013-14		02	01	50			
2014-15		01	01	100			
2015-16		01	01	100			
<b>b) UG Students Name of the subject and course</b>							
Academic Year	No. of Application Received	CET Pass %		No of Students Selected for UG Course			
				M	F	T	
2011-12	2257	68.42		54	71	125	
2012-13	3568	66.85		56	69	125	
2013-14	2913	70.21		65	60	125	
2014-15	2496	65.76		53	72	125	
2015-16	2778	64.09		61	64	125	
<b>Results of University examination for the subject taught by the Department (Eg. Anatomy, Physiology etc.)</b>							
Name of the Subject	Academic Year (For Outgoing Batch)		Total Students Appeared	No of Students passed	Pass % of Dept. Subject	% of I <sup>st</sup> Class	% of I <sup>st</sup> Class with Distinction
Community Medicine	2010	2011	118	114	96.61	88	--



	(PSM)							
		2011	2012	85	83	97.64	37	--
		2012	2013	115	115	100	105	02
		2013	2014	119	112	97.39	59	--
		2014	2015	124	124	100	101	--
		2015	2016	93	91	97.84	72	--
<b>Note- Give Results only for Regular Batch.</b>								
<b>33.</b>	<b>Diversity of Students : a) PG Programme</b>							
	Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries		
	-	2011-12	-	01	-	-		
	-	2012-13	-	01	-	-		
	-	2013-14	-	01	-	-		
	-	2014-15	-	01	-	-		
	-	2015-16	-	00	-	-		
	<b>b) UG Programme</b>							
	Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries		
	MBBS	2011	113(90.4)	12(9.6)	0	0		
	MBBS	2012	118(94.4)	7(5.6)	0	0		
	MBBS	2013	106(84.8)	19(15.2)	0	0		
	MBBS	2014	84(67.2)	41(32.8)	0	0		
	MBBS	2015	92(73.6)	33(26.4)	0	0		
<b>34</b>	<b>How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.)</b> :ECFMG (Educational Commission for Foreign Medical Graduates)/EICS( ECFMG International Credential Services) – 104							
<b>35.</b>	<b>Student progression:</b>	:	<b>Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)</b>					
	Student Progression			% against enrolled				
	UG to employment			Organized Interns Placement Program in collaboration with TCS, Mumbai (9 interns were selected and offered package of Rs 5.5 lacs/ pa)				
	PG to employment			Campus selection – off Campus selection				
	UG / PG to Entrepreneur			More than 70 % for higher studies				
<b>36.</b>	<b>Diversity of Staff as on this day</b>							
	<b>Number and % Diversity of Staff ( as on this day ) belonging to</b> Same State/UT      No. 11 & 100 %				<b>% Staff who have obtained PG Degree from</b> Parent University      No.01 & . 05% Other Universities of the State      No. 10 & . 95%			





37	<i>Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) :Nil</i>				
38.	<b>Present details of departmental infrastructural facilities with regard to :</b>				
	<b>A) Infrastructural facility (Common to all departments)</b>				
	<i>a) Library (dept): No. of Collections Book/Journal/ Project Report</i>	:	Departmental Library having journals and books as per the requirement of Statutory Body. (195 Books & 11 Journals) Central Library - 513		
	<i>Central Library books and Journal belonging to our department (both print and e mode)</i>	:			
	<i>b) Internet facilities for staff and students</i>	:	Wi- Fi Facility Available		
	<i>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive &amp; Inclusive)</i>	:	Class Rooms - 08 , Demo Rooms 03 Seminar Halls-01 Auditorium 01 Other s-01 ( Mini Theater)		
	<i>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive)</i>	:	Yes		
	<i>e) Students laboratories at the Department</i>	:	01		
	<i>f) Research Laboratories of the Dept.</i>	:	01		
	<i>g) Museum at the Department and no. of specimen, charts, Modules etc.</i>	:	200( specimens, charts, models)		
	<i>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)</i>	:	Nil		
	<b>B) Clinical learning resource data (as submitted to MCI / DCI / INC / Others / UGC)-NA</b>				
	<i>(k) Patient's Feedback</i>		<i>(l) GHP / GLP / SOPs</i>		<i>(m) Submission of Compliance /Follow-up Reports to National /State Agencies</i>
	Yes		Nil		Nil
	<b>C) Para clinical learning resource (CCL Radiology &amp; Departmental Diagnostic Lab) Data &amp; Report : Details on Sophisticated diagnostic equipments and facilities , No. of diagnostic tests (Average per day and annual)</b>				
	<b>D) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well</b>	:	Yes		
39.	<i>No. of doctoral post- doctoral students and Research Associates / PDF working</i>				
		:	-		
40	<i>(a) Number of students getting financial assistance from the university- All PG get stipend PG and Ph.D. Students getting assistance from the University</i>				
41.	<i>Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :Yes; Its applicability &amp; Preferences over other courses along with its cost effectiveness</i>				
42.	<b>Does the department obtain feedback from</b>				
	Sr.No.	From	Yes/No	Feedback Manual / Digital	How the feedback analysis is used for improvement
	1	Student	YES	Manual and digital	Improvement in TLE and R&D, Infrastructure
	2	Faculty	Yes	Manual and digital	
	3	Alumni / Parents/	Yes	Manual and	



		Employer		digital
<b>Awards to the students</b>				
1	Prerna Samtani	Best paper award-4 <sup>th</sup> International conference of medical students research, Mumbai 11-14 <sup>th</sup> May 2011		
2	Aparna Setia	Best speaker award, Golden Jubilee Aluminta AFMC Pune 13-14 <sup>th</sup> August 2011		
3	Supriya Honap Amruta Giriraj Rounak Modak Bushra Mujawar Ankita Choudhary	2 <sup>nd</sup> prize for poster presentation in Mediace 24-25 <sup>th</sup> August 2012 at KN medical college, Pune		
4	Sourabh Kusurkar Vinod Diwakar Nitin Mishra	Best poster prize in INVENTUM students conference at Rural Medical College, PIMS DU Loni 2016		
5	Dr.Rutuja Phulambrikar	Best paper award National Consultation on Adolescent health on 10-12 <sup>th</sup> March 2016		
<b>43.</b>	<b>List the distinguished alumni of the department (Maximum 10) (UG student or PG Student belonging to the subject)</b>			: Name and designation with address
	Sr. No.	Name & Designation	Details at the PIMS University & Year	Place of work of alumni
	1	DR. (MRS.) M.S. INAMDAR (PUNE UNIVERSITY)	1996	PROFESSOR AT MEDICAL COLLEGE, INDORE
	2	DR. (MISS) J.D. CHATUFALE (PUNE UNIVERSITY)	1999	PROFESSOR & HEAD, BHARTI VIDYAPEETH'S MEDICAL COLLEGE, PUNE
	3	DR. AVIJIT ROY (PUNE UNIVERSITY)	2003	DY. DIRECTOR, HEALTH SERVICES, ANDAMAN & NIKOBAR
	4	DR. SUCHIT KAMBLE. (PUNE UNIVERSITY)	2004	SCIENTIST, NARI PUNE
	5	DR. K. RAJA GOPAL RAO (PUNE UNIVERSITY)	2005	PROFESSOR IN PSM, MEDICAL COLLEGE, RAJAMUNDRI, ANDHRA PRADESH
	6	DR. MRS. S. S. AVACHAT	2007	ASSO. PROF. PDVVP, AHMEDNAGAR
	7	DR. PANCHSSEL SHARMA	2010	ASST. PROF. AGRA (UP)
	8	DR. SACHIN PALAVE	2010	ASSO. PROF. RMC, LONI
	9	DR. ABHISHEK KWATRA	2011	ASST. PROF. RAJASTHAN
	10	DR. VIJAY MANWANI	2012	ASST. PROF. BILASPUR
	11	DR. PALLAVI SIDHAYE	2013	ASST. PROF. BHOPAL MADHYAPRADESH
	12	DR. GANESH SHINDE	2013	HEALTH SERVICE AHMEDNAGAR(MS)
	13	DR. ANUP KHARDE	2014	ASST. PROF. RMC LONI
<b>44.</b>	<b>Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</b> <b>The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under</b>			
	Sr. No.	Event (SEP) UG + PG	No. Events	No. of Prominent



			External Experts	Internal Experts
1	Guest lecture on AFP and measles surveillance 12/8/2016	1	Dr.Chetan Khade,WHO consultant(SMO)	
2	PG induction & orientation program 27-29 <sup>th</sup> June 2016	2	-	concerned faculties from various departments of institute
3	Guest lecture on recent advances in RNTCP 22/3/2016	1	Dr.Rajabhau Yeole,WHO consultant,	-
4	AEFI and AFP surveillance 2012 & 2014	2	Dr.Patil, & Dr.Mujib Sayyad SMO	-
(Details given in annexure)				
<b>45.</b>	<b><i>a) List the teaching methods adopted by the faculty for different programmes:</i></b>			
	Lecture, Practicals, Seminar, PBL, Students Projects, Journal Club, Case Presentations, Field Visits.			
	<b><i>b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling, )</i></b>			
<b>46.</b>	<b><i>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? The results and feedback from students and faculty are discussed at end of each term.</i></b>			
<b>47.</b>	<b><i>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive) Involvement of student and faculty in various type of extension activity organized by the dept.</i></b>			
	<b><i>Our faculty is involved extension in health awareness programs organized by the college / University through lectures, rally, camps/training. as HR / Contributions</i></b>			
Sr.No.	Programme	Venue	Topic	Date
1	Dr.J.D.Deshpande	Arts Commerce & Sci College, Satral Dist Ahmednagar Little Flower School, Loni Dist Ahmednagar	“Disaster Management”	12/1/2011
2	Dr.J.D.Deshpande	Pravara Rural College of Education Pravaranagar Dist Ahmednagar	“Types of disease & its prevention”	25/1/2012
3	Dr.J.D.Deshpande <i>Dr. A.P.Kulkarni</i>	CSM, PIMS at Loni Dist Ahmednagar Pravara Public School,Loni	“HIV-AIDS” “Training Module-2 for “Arogya Mitra” of Pravara Gram Arogya Bank	23/9/2012
4	Dr.Mrs.V.D.Phalke	Kanya Vidya Mandir,Loni	Adolescent health	18/1/2012
5	Dr.Pallavi Shidhaye	Little Flower School,Loni	Personality development	28/7/2014
6	Dr.D.B.Phalke	Little Flower School,Loni	Adolescent health	2/12/2014
7	Dr.Mrs.V.D.Phalke & Dr.D.B.Phalke	Satral College	Adolescent health	2013



8	Dr.Mrs.V.D.Phalke	Sainik School College of Engineering Loni	Health Awareness	2/10/2014
9	Dr.D.B.Phalke & Dr.A.P.Kulkarni	College of Engineering Loni PVP college ,Loni	Adolescent health	10/3/2016
10		Pravara Vidyalaya,Fatyabad	HIV/AIDS on world AIDS day	
11	Dr.Anup Kharde		Adolescent health	
12	Dr.Anup Kharde		Swatch Bharat Abhiyan	
13	Dr.Varsha Mahavankar		Swatch Bharat Abhiyan	
14			HIV/AIDS	
15	Dr.D.B.Phalke Dr.Kalpak Kadarkar		Vectorborne diseases	
48.	<b>Give details of “beyond syllabus scholarly activities” of the department :Guest Lectures</b>			
49.	<b>State whether the programme / department is accredited / graded by other agencies? If yes, give details – NA</b>			
50.	<p><b>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied ( based on published research articles, paper, projects, books, Patents etc.</b></p> <p>1.Dr.A.P.Kulkarni Textbook of Community Medicine,Vora medical publishers,Mumbai 4<sup>th</sup> Edition,ISBN 81-86361-41-3</p> <p>2.Dr.A.P.Kulkarni Basics of research methodology,Paras medical publishers,Hyderabad 1<sup>st</sup> edition,ISBN 978-93-831-24-49-7</p> <p>3.Dr.A.P.Kulkarni Basics of Biostatistics,CBS Publishers,New Delhi 1<sup>st</sup> edition,ISBN 978-81-239-2931-6</p> <p>4.Dr.R.C.Goyal <i>Research Methodology for Health Professionals, Jaypee publishers First edition, ISBN 978-93-5025-101-0</i></p> <p><b>b) Salient and unique feature of Department.</b></p> <ol style="list-style-type: none"> <li>1) Community Oriented medical education</li> <li>2) Student research projects</li> <li>3) Problem Based Learning</li> <li>4) Involvement of students in Public health days</li> <li>5) <b>Integrated teaching Seminars</b></li> </ol> <p><b>c) Innovation of the Department.</b></p> <ol style="list-style-type: none"> <li>1.Useof PACS in DMC cum DOTS centre</li> <li>2.Environmental studies as an additional subject for undergraduates</li> <li>3. Use of e-learning ,videos and ICT in lectures</li> <li>4. More emphasis on Student Research &amp; visits to places of public health institutions</li> <li>5. <i>Facilitating of students/interns for opting USMLE/electives in US</i></li> </ol> <p><b>d) Best practice of the Department</b></p> <ol style="list-style-type: none"> <li>1. Students presenting papers in state/national/International conferences, taking part in quiz/symposium at state level</li> <li>2. Students involved in family care in villages</li> <li>3. Introduction of optional certificate course in Disaster management</li> </ol>			



	<p>4. Organization of national conference/seminars *Department successfully organized 32<sup>nd</sup> national IAPSM conference 2005</p> <p>5. More emphasis on Research by students/interns/PG/faculty          Department has highest number of publications in college          (Based on academic programmes, research, Teaching-Learning, Evaluation, Extension, consultancy, collaboration, welfare, governance, quality, enrichment awareness, publication etc.)</p>			
<b>51.</b>	<b><i>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department : (Important or major ones) in bullet form. SWOC</i></b>			
	<b>Strength</b>	<b>Weaknesses</b>	<b>Opportunities</b>	<b>Challenges</b>
	<ul style="list-style-type: none"> <li>*Research, Resource faculty</li> <li>*Family study,</li> <li>* Resource faculty for MEU</li> <li>*Water analysis &amp; epidemic investigations,</li> <li>*Information, Education &amp; Communication activities</li> <li>*Rural setting giving real scenario to students and provide unique learning oppourtunity</li> </ul>	<p>Spectrum of Subject is scattered from 1<sup>st</sup> to Last year</p>	<ul style="list-style-type: none"> <li>*Diverse opportunities of career in Teaching, ICMR, International agencies, health consultant</li> <li>*specialization in biostatistics and data management, epidemiology, preventive oncology, preventive cardiology</li> </ul>	<p>Emerging &amp; re-emerging diseases</p>
<b>52.</b>	<b><i>Future Plan</i></b>			
	<ol style="list-style-type: none"> <li>1. Development of Outdoor Museum, Energy park &amp; Environmental park</li> <li>2. Upgradation of Public Health Laboratory</li> <li>3. To promote certificate course in disaster management</li> <li>4. To increase number of postgraduate intake to 3</li> <li>5. To intensify the area of faculty research in the areas like Medical Education Technology , diabetes and tuberculosis and CH,diarrhoea</li> <li>6. To start CBNAAT at DMC cum DOTS center</li> <li>7. <i>Upgradation of services at UHTC and RHT</i></li> </ol>			

---Sd/---  
**Name & Signature**  
**(Head of the Dept.)**

---Sd/---  
**Name & Signature**  
**Dean of the College**







## Department of General Medicine & Allied Subjects



**Rural Medical College**  
**Pravara Institute of Medical Sciences**  
**(Deemed University)**





**Pravara Institute of Medical Sciences (Deemed University)  
Institution: Rural Medical College, Loni  
Departmental Evaluative Report  
Based on the date of 5 years: 2011-16**

<b>1.</b>	<b>Name of the Department</b>		:	<b>GENERAL MEDICINE</b>		
<b>2.</b>	<b>Year of establishment</b>		:	1984		
<b>3.</b>	<b>Is the Department part of a School/Faculty of the university?</b>		:	Rural Medical College, PIMS (DU), Loni		
<b>4.</b>	<b>a) Names of programmes offered</b>		:	<b>As on this day</b>		
	Prog.	Course / Subject Medicine	Year of Establishment	Intake per year	Fresh enrollment for academic year	Total Student Strength
	UG	M.B.B.S	1984	125	98	242
	PG	M.D .	1991	6	6	18
	<b>Total</b>			<b>131</b>	<b>104</b>	<b>260</b>
	<b>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</b> : <b>M.B.B.S.</b> – Theory 300 Hrs + 388 Practicals + 96 Others = 720 Hrs with 2 Theory Papers + 1 Practical and Other 3 Steps + Vivavoce. <b>MD</b> :- 1296 Hrs of Teaching, 4 Theory Papers, 1 Practical, 1 Dissertation, Vivavoce : Total 800 Marks					
	<b>c) Latest revision of curriculum/ syllabus and their salient features.</b>					
	<ul style="list-style-type: none"> <li>• 2012 UG Medical education resolution by MCI</li> <li>• 2015 MCI Vision Document</li> <li>• Curricular revision as per ‘MDN’ concept</li> <li>• Bioethics 2015</li> <li>• ATCOM module 2015</li> </ul>					
	<b>d) Contribution of faculty to curriculum design and Development (CDD) as</b>					
	i) Eight Faculties are members of Board of Studies faculties are members of academic council.					
	Sr. No	Name of the Faculty	Member PIMS (DU)			
	01.	Dr. S.C. Tiwari	Member BOS, Member Academic Council			
	02.	Dr. K.V.Singh	Member BOS, Member Academic Council			
	03.	Janhavi Deshpande	Chairman BOS, Member Academic Council			
	04.	A.K. Ghosh	Member BOS Chairman Academic Council Medicine			
	05.	Dr. M. B. Chandurkar	Member BOS			
	06.	Dr. M. P. Gondhali	Member BOS			
	07.	Dr. Pradip Raje	Member BOS			
	08.	Dr. Amol Hartalkar	Member BOS			
	09.	Dr. Anilkumar Roy	Chairman BOS. Member Academic Council Medicine,			
<b>5.</b>	<b>Interdisciplinary programmes offered by the Department and Departments involved</b>					
	Name of Programs offered by our department			Involved Departments		
				Within the institute	Of the other institute	
	M.D. General Medicine			Ob-Gyn, Ophthalmolgy	Center for Social Medicine	
	<b>Nature of involvement:</b> PG students are deputed for mobile health camps, PG students participate in health education programs					
<b>6.</b>	<b>Courses in collaboration with other universities, industries, foreign institution etc</b>			Not applicable / NIL		
<b>7.</b>	<b>Details of programs discontinued, if any with reasons</b>			Not applicable / NIL		
<b>8.</b>	<b>Examination System</b>			Regularly Annual / Supplementary six monthly		
<b>9.</b>	<b>Participation of the department in the courses offered by other departments</b>			Geriatric assistant under Center for Social Medicine: Faculty (Dr. Amol Hartalkar) deputed for training		



10.	<b>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</b>							
	<b>(a) Teachers</b>							
	<b>S.N.</b>	<b>Required as per MCI/DCI/INC/UGC/ Other Statutory bodies</b>	<b>Actual Faculty Strength (Recruited or filled)</b>					
			<b>Male</b>	<b>Female</b>	<b>Total</b>			
	<b>i</b>	Professor	4	0	4			
	<b>ii</b>	Associate Professor / Reader	4	0	4			
	<b>iii</b>	Assistant Professor / Lecturer	10	2	12			
	<b>Sub Total ( I to iii)</b>							
	<b>iv</b>	Demonstrator	Nil	Nil	Nil			
	<b>v</b>	Tutor	Nil	Nil	Nil			
	<b>vi</b>	Senior Resident	6	0	6			
	<b>vii</b>	Junior Resident	23	1	24			
	<b>Sub Total( iv to vii)</b>		29	1	30			
	<b>Grant Total ( i to vii)</b>		47	3	50			
	<b>(b)</b>							
<b>Qualification Profile of Teachers</b>		<b>M</b>	<b>F</b>	<b>Total</b>				
<b>With P.G. Degree Only</b>		20	2	22				
<b>With higher qualification than PG (Ph.D/Dr.Se.)</b>		1	0	1				
<b>Other Higher Qualification (MRCP/PRCP/DM.M.Ch. etc.)</b>		Nil						
<b>Teachers Pursuing Higher Degrees</b>		Nil						
11	<b>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</b>							
	<b>a) Faculty (as UG/PG teachers) (Internal):</b>							
	<b>Sr. No</b>	<b>Name of Teaching Staff</b>	<b>Qualification</b>	<b>Designation</b>	<b>Area of Specialization</b>	<b>Teaching Experience in Years</b>	<b>No. of PG Students</b>	
							<b>Guiding</b>	<b>Guided</b>
	01	Dr. Anilkumar Roy	M.B.B.S., M.D., Ph D (Med. Soc.)	Professor	General Medicine	41	02	35
	02	Dr. Gondhali Mahindra	M.B.B.S., M.D.	Professor	General Medicine	24	2	4
	03	Dr. Milind Chandurkar	M.B.B.S., M.D.	Professor	General Medicine	13	3	1
	04	Dr. Amol Hartalkar	M.B.B.S., M.D., FAIMER (GSMC)	Professor	General Medicine	10	3	--
	05	Dr. Gadekar L. S	DNB	Associate Professor	General Medicine	17	2	2
	06	Dr. Satish Varpe	M.D.	Associate Professor	General Medicine	15	2	1
	07	Dr. Amol Pathak	M.D.	Associate Professor	General Medicine	13	--	-
08	Dr. Sorte S.S	M.D.	Associate Professor	General Medicine	11	--	--	
09	Dr. Kadam Vaishali	DNB	Asst. Prof	General	06	--	--	





					Medicine			
10	Dr. S. S. Gite	D.N.B.	Asst. Prof	General Medicine	4	2	2	
11	Dr. Tilekar P. B	M.D.	Asst. Prof	General Medicine	09	--	--	
12	Dr. Shukla S. M	DNB	Asst. Prof	General Medicine	09	--	--	
13	Dr. Arote A. R	DNB	Asst. Prof	General Medicine	05	--	--	
14	Dr. Mule D. S	M.D.	Asst. Prof	General Medicine	06	--	--	
15	Dr. Chavan T. B	M.D.	Asst. Prof	General Medicine	04			
16	Dr. Bholane J.R	M.D.	Asst. Prof	General Medicine	04	--	--	
17	Dr . Jodhavar A. L	M.D.	Asst. Prof	General Medicine	04	--	--	
18	Dr. Sinare B.R	M.D.	Asst. Prof	General Medicine	08	--	--	
19	Dr. More A. A	M.D.	Asst. Prof	General Medicine	03	--	--	
20	Dr. Dhakane A. B	M.D.	Asst. Prof	General Medicine	03	--	--	
21	Dr. Haridas Rushikesh	M.D.	Asst. Prof	General Medicine	03	--	--	
22	Dr. Awasti Vedant R.	M.D.	Asst. Prof	General Medicine	03	--	-	
<b>(b) Faculty of the Department as Ph.D. Guides (Internal as well as External) (as on this day): Nil</b>								
12	<b>List of senior Visiting Fellows, adjunct faculty, emeritus professors : (as on this day) : Nil</b>							
13	<b>Percentage of classes taken by temporary faculty programme wise information</b>				:	Nil		
14	<b>Programme wise Teacher Student Ratio</b>			:	<b>Teacher Student Ratio</b>			
	<b>UG</b>				6.25:1			
	<b>PG</b>				1:1			
	<b>Ph.D.</b>				Nil			
15	<b>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</b>							
	Sr. No.	Staff	Name of the Post	Required as per statutory Bodies	Filled / Actual			
					M	F	Total	
	1	Administrative	Clerk , Steno	4	3	1	4	
	2	Technical	Lab. Technician	4	1	3	4	
	3	Support	Ward. Boys	4	2	2	4	
	Total		12	6	6	12		
16	<b>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</b>							
	<ul style="list-style-type: none"> <li>• Cardiovascular diseases (Diabetes &amp; its complications, Ischaemic heart diseases, Stroke),</li> <li>• Organophosphorus / Amitraz Poisoning,</li> <li>• Snake Bite, Tropical / Infectious diseases (Malaria, Dengue),</li> </ul>							





	<ul style="list-style-type: none"> <li>• COPD, TB</li> <li>• Nutritional anemias</li> </ul>																																																				
17	<p><i>Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise : (For the last 5 Years)</i></p> <p><i>i) One of faculty of the department are involved in Four Research projects</i></p> <p style="text-align: center;"><b>Abstract of projects</b></p> <table border="1"> <thead> <tr> <th>No. Project Funded by</th> <th>No. of ongoing projects (a)</th> <th>No. Completed Projects (b)</th> <th>Total Projects (a+b)</th> </tr> </thead> <tbody> <tr> <td><b>International agensis</b></td> <td>1</td> <td>1</td> <td>2</td> </tr> <tr> <td><b>National agensis</b></td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td><b>University and Dept.</b></td> <td>1</td> <td>1</td> <td>2</td> </tr> </tbody> </table> <p><i>The details of projects are as follows:</i></p> <p><i>a) Ongoing Projects of Faculty (as on this day)</i></p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>PI, Co-PI and Project Title</th> <th>Funding Agency</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>PneumoINSPIRE - International Study on Nosocomial Pneumonia in Intensive CaRE - endorsed by the European Society of Intensive Care Medicine (ESICM)</td> <td>International</td> </tr> <tr> <td>2</td> <td>The Rural Hospital based diabetes registry</td> <td>University</td> </tr> </tbody> </table> <p><i>b) Completed Projects of the faculty ( last 5 Years)</i></p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>PI, Co-PI and Project Title</th> <th>Funding Agency</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Introducing mini-Clinical Evaluation Exercise [CEX] as a formative assessment method for medical post-graduates - part of FAIMER fellowship project</td> <td>International</td> </tr> <tr> <td>2</td> <td>A Clinico-laboratory profile of dengue infection cases</td> <td>University</td> </tr> </tbody> </table>					No. Project Funded by	No. of ongoing projects (a)	No. Completed Projects (b)	Total Projects (a+b)	<b>International agensis</b>	1	1	2	<b>National agensis</b>	-	-	-	<b>University and Dept.</b>	1	1	2	Sr. No.	PI, Co-PI and Project Title	Funding Agency	1	PneumoINSPIRE - International Study on Nosocomial Pneumonia in Intensive CaRE - endorsed by the European Society of Intensive Care Medicine (ESICM)	International	2	The Rural Hospital based diabetes registry	University	Sr. No.	PI, Co-PI and Project Title	Funding Agency	1	Introducing mini-Clinical Evaluation Exercise [CEX] as a formative assessment method for medical post-graduates - part of FAIMER fellowship project	International	2	A Clinico-laboratory profile of dengue infection cases	University														
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19	<p><b>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)</b></p> <table border="1"> <thead> <tr> <th></th> <th>Research Projects under taken by</th> <th>Data as given under sl. No. of DER</th> <th>Total Projects</th> <th>On going</th> <th>Completed</th> </tr> </thead> <tbody> <tr> <td>(a)</td> <td>The faculty (at the Dept.) Funded by Self or Department or University</td> <td>17</td> <td>4</td> <td>2</td> <td>2</td> </tr> <tr> <td>(b)</td> <td>Inter-Institution / Industry Projects (collaborate) including clinical trials</td> <td>18</td> <td>..</td> <td>..</td> <td>..</td> </tr> <tr> <td>(c)</td> <td>UG student STS ICMR Projects</td> <td>28</td> <td>1</td> <td>..</td> <td>1</td> </tr> <tr> <td>(d)</td> <td>UG students STS Mgt. Sponsored Project</td> <td>28</td> <td>2</td> <td>1</td> <td>1</td> </tr> <tr> <td>(e)</td> <td>Research Projects of faculty Funded by National agensis</td> <td>17</td> <td>..</td> <td>..</td> <td>..</td> </tr> <tr> <td>(f)</td> <td>Research Projects funded by international agensis</td> <td>17</td> <td>1</td> <td>1</td> <td>2</td> </tr> <tr> <td></td> <td style="text-align: right;"><b>Total</b></td> <td></td> <td><b>8</b></td> <td><b>4</b></td> <td><b>6</b></td> </tr> </tbody> </table>						Research Projects under taken by	Data as given under sl. No. of DER	Total Projects	On going	Completed	(a)	The faculty (at the Dept.) Funded by Self or Department or University	17	4	2	2	(b)	Inter-Institution / Industry Projects (collaborate) including clinical trials	18	..	..	..	(c)	UG student STS ICMR Projects	28	1	..	1	(d)	UG students STS Mgt. Sponsored Project	28	2	1	1	(e)	Research Projects of faculty Funded by National agensis	17	..	..	..	(f)	Research Projects funded by international agensis	17	1	1	2		<b>Total</b>		<b>8</b>	<b>4</b>	<b>6</b>
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	<i>recognition by state / National / International agenesis.(as on this day)</i>	house , PIMS (DU )Research Incentive scheme & Chancellor Rolling Trophy for Best Publication , Students Research grant etc.	
	<i>In the department (Details of facilities in brief)</i>	Research laboratory at department level	
	<i>In other department (Details of facilities by the department) used by us.</i>	Central research laboratory at the institute level	
	<i>In other college (Details of facilities used by us)</i>	NA	
	<i>At central level (Details of facilities used by us)</i>	Laboratory at the level DCGI. (Directorate Controller Government of India)	
21.	<i>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization of any.</i>	Not applicable	
22.	<i>Publication data of last 5 years Publications in peer reviews journals and conference proceeding (ISSN) Annexure attached</i>	<b>National Total :- 19 International Total - 9 Total-28</b>	
	<i>Publication in Non-Peer reviewed Journals / conference proceeding ) Annexure attached</i>	<b>International-01 Total- 01</b>	
	<i>No. of Monographs/ Books/ Edited Books/ chapters in Books (ISBN/NON ISBN)</i>	Nil	
	<i>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.)</i>		
	1. Amol Hartalkar.....15 2. Dr. Milind Chandurkar.....08 3. Dr. Satish Varpe.....02 4. Dr. Gadekar Laxman.....02 5. Dr. Sanket Sarote.....02 6. Dr. Amol Pathak.....02		
<i>Research publication included and listed in international database are 03 Out of total publication.</i>			
<i>No. of Citation Index – range / average</i>	:	<b>Details given in Criteria III and Emerge Data</b>	
<i>SNIP</i>	:		
<i>SJR</i>	:		
<i>Impact Factor- range/average</i>	:		
<i>h-index</i>	:		03
23.	<i>Details of patents filed / granted and income generated (5 Years data)</i>	: Nil	
24.	<i>Areas of consultancy and income generated (5 Years data)</i>	: Honorary Consultancy is being offered to Centre for Social Medicine, College of Nursing, College of Physiotherapy	
25	<i>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: Nil</i>		
26.	<i>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data)</i>		
	<i>Total no. of faculty</i>	<i>State Level</i>	<i>Others</i>
	10	1 Chairman of IMA Maharashtra state :Telemedicine sub-committee	2 Secretary PIMS Bioethics unit; Member of RMC - MET unit
<i>(a) Recognition to Faculty (Fellowship, Membership, Honour any other type ) (5 Years data)</i>			



<p><b>Fellowship:</b> One Faculty with FAIMER fellowship (Inter-National level).  <b>Membership :</b></p> <ul style="list-style-type: none"> <li>• One faculty with International Forum of Teachers (Inter-National level).</li> <li>• One faculty with Respiratory Research Network of India (<i>National level</i>).</li> <li>• Other total memberships 20(<i>National level</i>)</li> <li>• One faculty with MET, RMW, IMA – Telemedicine (<i>State level</i>).</li> <li>• Six faculties on Board of Studies including Chairman for Clinical Medicine and allied subjects (University Level).</li> <li>• Three faculties on Member Board of Examinations (University Level).</li> </ul> <p><b>Honor:</b> One faculty received MECOR (Inter-National level)</p>							
<p><b>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals (5 Years data)</b></p>							
		<i>Total</i>		<i>Inter-National Level</i>		<i>National Level</i>	
<i>Editor</i>		--		--		--	
<i>Assist. Editor</i>		1		1		--	
<i>EB</i>		1		1		--	
<i>Advisor Board</i>		3		--		3	
<i>Peer Reviewer</i>		8		7		1	
<p><b>27. Faculty recharging strategies (UGC, ASC/MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)</b></p>							
Sr. No.	Type of the Programme	No. of FDPs participated				Total	
		College Level	State / University Level		National Level	International Level	
	1.Orientation/Refresher	..	..	..	..	..	..
	MET	..	3	..	..	..	3
	CME	..	2	..	1	..	3
	2.Workshop	..	1	..	5	1	8
	Seminar	..	..	..	..	..	..
	Symposium	..	1	..	3	1	5
	Conferences	..	6	..	1	2	9
	3.FDPs (Guest lecture, Training, CM, CPC, etc.)	4	10	13	..	..	27
		..	..	..	1	1	2
		..	..	..	..	..	..
<p><b>28. Students Projects: The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)</b></p>							
Sr. No.	UG Projects (Including ICMR, STS)			PG Dissertations			
1	Ongoing		Completed	Total	Ongoing	Completed	Total
	1		..	1	12	17	29
<p><b>Percentage of students who have done in house projects including inter departmental project</b>          : Post Graduation -- 100% ; Undergraduate ---- 1%</p>							
<p><b>Percentage of students doing projects in collaboration with other universities/industry/institute</b>          : Not Applicable</p>							
<p><b>Details of PG dissertations are given in the annexure: Yes</b></p>							
<p><b>29. a) Research Awards/recognitions received at the national and international level (5 Years data)</b>          Award – One International award to the faculty          Recognitions: - FAIMER -One ; MECOR- One ; MET – One and RM – One. <b>Total – Five</b></p>							
<p><b>b) General awards of faculty and students (other than Research, for teaching extension, social service):</b>  <b>Nil</b></p>							



<b>30. a)</b>	<i>Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data)</i>					
		Total	National	State	Univ / College Level	
	Symposia (S)	1	..	1	..	
	Conference (C)	..	4	..	..	
	Workshops (W)	2	..	..	2	
	Total	3	..	1	2	
<b>b)</b>	<p>1. Prevention And Management Of Diabetes, Cardiovascular Disease And Stroke : India Diabetes Research Foundation - World Diabetes Federation project (Four Internal and Two External Resource Person) 12-17 Sept 2011</p> <p>2. NEBULA: Nebulisation Techniques and Inhalation Devices: Cipla (One External Resource Person) 10-Feb 2012.</p> <p>3. Emergencies in Clinical Medicine: PIMS (DU) 6 Resource Persons. College Level, 7<sup>th</sup> Oct 2012</p>					
<b>31.</b>	<i>Code of ethics for research followed by the departments</i>	:	Yes - ICMR code of Ethics, DCGI Registered PIMS-DU's IEC code			
<b>32.</b>	<i>Student Profile programme-wise</i>	:				
	<b>a) PG Programme Name of the Programme :</b>					
	Academic Year	No. of Application Received for PG CET	CET Pass %	No of Students Selected through CET		
				Male	Female	Total
	2010-11	--	--	-	-	-
	2011-12	513	73.90%	49	11	60
	2012-13	382	76.83%	47	18	65
	2013-14	321	73.40%	38	22	60
	2014-15	408	79.94%	45	19	64
	2015-16	371	80.05%	40	21	61
	No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year					
	Academic Year of Outgoing batch	No. of Students			% of Pass student with	
		Appeared	Passed	Pass %	I <sup>st</sup> Class	I <sup>st</sup> Class with Distinction
	2010	02	01	50 %	01	-
	2011	02	01	50 %	-	
	2012	02	02	100 %	-	-
	2013	06	05	83.33 %	01	-
	2014	06	03	50 %	01	-
	2015	06	04	66.66 %	02	
	2016	07	07	100 %	01	
	<b>b) UG Students Name of the subject and course</b>					
	Academic Year	No. of Application Received	CET Pass %	No of Students Selected for UG Course		
				Male	Female	Total
	2010-11	-	-	-	-	-
	2011-12	2257	68.42%	54	71	125
	2012-13	3568	66.85%	56	69	125
	2013-14	2913	70.21%	65	60	125
	2014-15	2496	65.76%	53	72	125
	2015-16	2778	64.09%	61	64	125
	<b>Results of University examination for the subject taught by the Department (Eg. Anatomy,</b>					



<b>Physiology etc.)</b>							
Name of the Subject	Academic Year (For Outgoing Batch)		Total Students Appeared	No of Students passed	Pass % of Dept. Subject	% of I <sup>st</sup> Class	% of I <sup>st</sup> Class with Distinction
General Medicine	2010	2011	125	113	90.40%	65%	57.52%
	2011	2012	128	108	84.37%	35%	32.40%
	2012	2013	93	85	93.39%	47%	55.29%
	2013	2014	118	91	77.11%	31%	34.06%
	2014	2015	123	105	85.36%	47%	44.76%
	2015	2016	120	109	90.83%	76%	69.72%
<b>33.</b>	<b>Diversity of Students : a) PG Programme</b>						
Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries		
General Medicine	2010-11	1- 16.67%	3-50%	2-33.3%	-		
	2011-12	1-16.67%	4-66.67%	1-16.67%	-		
	2012-13	2-33.33%	2-33.35%	2-33.34%	-		
	2013-14	-	5-83.33%	1-16.67%	-		
	2014-15	2-33.33%	3-50%	-	1- 16.66%		
	2015-16	--	5-83.33%	1-16.67%	-		
<b>b) UG Programme</b>							
Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries		
M.B.B.S	2010	-	81-64.80%	44-36.20%	-		
M.B.B.S	2011	-	110-88%	15-12%	--		
M.B.B.S	2012	-	115-92%	10-08%	--		
M.B.B.S	2013	-	100-80%	25-20%	--		
M.B.B.S	2014	-	74-59.20%	51-40.80%	--		
M.B.B.S	2015	-	83-66.40%	42-33.60%	--		
<b>34</b>	<b>How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.) ECFMF/ EICS- 104</b> US MLE: 5% PG CET 40% Defense: 5% IAS/IPS 1%						
<b>35.</b>	<b>Student progression:</b>		<b>: Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)</b>				
	Student Progression		% against enrolled				
I	UG – PG Studies		07- 23%				
	PG - SS		03- 10%				
<b>36.</b>	<b>Diversity of Staff as on this day</b>						
<b>Number and % Diversity of Staff ( as on this day ) belonging to</b>				<b>% Staff who have obtained PG Degree from</b>			
<b>Same State / UT</b>		No. 21 &95.45%		Parent University - No. 8 &.38%			
<b>Outside State/UT</b>		No. 0 & 0 %		Other Universities of the State No. 11 & 52%			
<b>Other States</b>		No. 1 & 4.54%		Other State University -No. 2 & 9%			
<b>Other Countries</b>		No. 0 & 0 %		Other Countries -No. 0 & 0%			
<b>37</b>	<b>Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) : NIL</b>						
<b>38.</b>	<b>Present details of departmental infrastructural facilities with regard to :</b>						





<b>A) Infrastructural facility (Common to all departments)</b>			
<b>a) Library (dept): No. of Collections Book/Journal/Project Report</b> <b>Central Library books and Journal belonging to our department (both print and e mode)</b>	:	Departmental Books – 118 Departmental Journal -16 (Foreign.. - 7; National - 9) Total No. of Books -2378 Total No. of Journals - 17	
<b>b) Internet facilities for staff and students</b>	:	Yes, WIFI connection is available in Department and LAN Is also available	
<b>c) Total number of class rooms, seminar halls/demonstration rooms, auditorium ( Exclusive &amp; Inclusive)</b>	:	Class Rooms-6 Demo Rooms-8 Seminar Halls-2 Auditorium-3	
<b>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT (Exclusive &amp; Inclusive)</b>	:	5 Lecture Hall 2 Auditorium Hall 1 Mini Theater	
<b>e) Students laboratories at the Department</b>	:	Yes	
<b>f) Research Laboratories of the Dept.</b>	:	Yes	
<b>g) Museum at the Department and no. of specimen, charts, Modules etc.</b>	:	Yes Charts-----25 Specimens-----0 Albums.. X-Ray.. ECG	
<b>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test (1.0 lakh and above)</b>	:	1.ECG Machine-16 2.Multipara Monitors-20 3.Upper GI Endoscope-2 4. Dialysis Machine- 4 5. Two-D ECHO and Colour Doppler Machine- 2 6. Resuscitation Kit-16 7. Pulse Oxymeter-16 8. Holter Monitor-01 9. Crash Cart-02 10. Syringe Pump- 11 11. Bronchoscope-01 12. TMT- 01 13. Defibrillators-16	
<b>B) Clinical learning resource data (as submitted to MCI / DCI / INC / Others / UGC)</b>			
<b>Total Beds – 210 (Male -120, Female-190)</b>			
<b>Total Units – 07</b>			
<b>Total Speciality Clinics – 06</b>			
<b>Total ICUs – 11 + 06</b>			
<b>Total Wards- 07 (04 Male- 30 Beds Each, 03 Female- 30 Beds)</b>			
<b>(g) OPD Patients / day( Average )</b>	<b>(h) IPD Patients / day( Average )</b>	<b>j) Diagnostic Tests</b>	
		<b>OPD</b>	<b>IPD</b>
400	39	1068	2971
<b>(k) Patient's Feedback</b>	<b>(l) GHP / GLP / SOPs</b>	<b>(m) Submission of Compliance /Follow-up Reports to National /State Agencies</b>	
Taken in IPD	Yes	Yes	
<b>C) Para clinical learning resource (CCL Radiology &amp; Departmental Diagnostic Lab) Data &amp; Report : Details on Sophisticated diagnostic equipments and facilities , No. of diagnostic tests (Average per day and annual)</b>			
<b>D) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well):</b>			



	1. Dept of Biochemistry – Central Laboratory for biochemical investigation (routine & special) 2. Dept Pathology – Biopsy, FNAC, Cytology, Serological Tests 3. Dept Radiology - USG & MRI / CT. 4. Dept Microbiology - culture & sensitivity test blood /urine/pus. 5. Dept. of Biotechnology. Maintenance of the instruments in the Department of Medicine				
39.	<i>No. of doctoral post- doctoral students and Research Associates / PDF working</i>		:	Nil	
40	<i>(a) Number of students getting financial assistance from the university – PGs and Interns get stipend</i>				
41.	<i>Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology : Yes,</i> <b>1.Need Assessment exercise under taken and M.D. Seats were Increased from 2 to 6 from May - June , 2010.</b> <b>2.Methodology as per MCI Norms.</b>				
42.	<i>Does the department obtain feedback from</i>				
	Sr. No	From	Yes/No	Feedback Manual / Digital	How the feedback analysis is used for improvement
	1	Student	Yes	Digital	Important points/ suggestions are used to take appropriate corrective steps for improvement in curriculum design and development, teaching learning evaluation & extension
	2	Faculty	Yes	Digital	Curriculum design and development, teaching learning evaluation & extension
	3	Alumni / Parents/ Employer	Yes	Digital	Infrastructure facilities
43.	<i>List the distinguished alumni of the department (Maximum 10) ( UG student or PG Student belonging to the subject)</i>			:	Name and designation with address
	Sr. No.	Name & Designation	Details at the PIMS University & Year		Place of work of alumni
	01	Dr. Gagan Sharma (PG)	2007 To 2010		DM Cardiology , Haryana
	02	Dr. Amol Mahajani (UG + PG)	2010 To 2013		DNB Neurology , Pune
	03	Dr. Rahul Talele (PG)	2010 To 2013		DNB Gastroenterology , Hyderabad
	04	Dr. Ankur Kesarwani (PG)	2011 To 2014		IDCCM , Mumbai
	05	Dr. Vaishali Kadam (UG )	2001 To 2007		Asst. Professor Dept. Medicine , RMC , PMT
	06	Dr. Avinash Jadhavar (PG)	2011 To 2014		Consultant at Shridi Sansthan Hospital
	07	Dr. Vedant Awasti (PG)	2013 To 2016		Asst. Professor Dept. Medicine , RMC , PMT
	08	Dr. Rushikesh Haridas (PG)	2013 To 2016		Asst. Professor Dept. Medicine , RMC , PMT
	09	Dr. Pratik Shete (PG)	2013 To 2016		Asst. Professor Dept. Medicine , RMC , PMT Selected for DNB Nephrology
	10	Dr. Reddy Mallikarjun (PG)	2012 to 2015		Asst. Professor Dept. Medicine , RMC , PMT
44.	<i>Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</i> <b>The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them(Evening clinics on topics of relevance).</b>				
45.	<i>a) List the teaching methods adopted by the faculty for different programmes:</i>				
	For UG			For PG	



	A	Didactic lectures, Case discussion, Tutorials, Seminar, symposium	Case discussion, Seminar, Tutorials, symposium
	B	Lecture + Q A Session Tutorial+discussion, Integrated teaching / Seminars	Q A Session Tutorial+discussion Integrated teaching / Seminars, Group discussion
	C	PowerPoint, Audio-video demos, Web discussion, Online tutorials	PowerPoint, Audio-video demos, Web discussion, Online tutorials
	D	Problem base learning, Case discussion, seminar	Problem base learning, Case based discussion
	E	-	Clinicopathological case presentation
<b>A: Traditional B: Blended C: ICT enabled D: Learning Centric Approach E: Beyond Curriculum Scholarly activities.</b>			
<b>b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling)</b>			
<ul style="list-style-type: none"> <li>• UG induction and orientation training programme</li> <li>• PG induction and orientation training programme</li> <li>• Grievance readdressal cell formed in the department</li> </ul>			
46.	<b>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?</b>		
<ul style="list-style-type: none"> <li>• Feedback from UG students at regular interval</li> <li>• 6 monthly reports of PG students</li> <li>• Periodic assessment</li> </ul>			
47.	<b>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive)</b>		
<b>k) Involvement of student and faculty in various type of extension activity organized by the dept.</b>			
	<b>Sr. No</b>	<b>No. of Camps/Workshops/ Surveys /Training /Rallies /Lectures/ Celebrations/any other events.</b>	<b>Academic Year</b>
	1	Monthly mini / major medical camps in nearby villages	28
	2	Training –nurses-health workers	03
48.	<b>Give details of “beyond syllabus scholarly activities” of the department :</b>		
2011 - Training programme for health care personnel “Prevention and management of Diabetes, Cardiovascular Diseases and Stroke” in collaboration with India Diabetes Research Foundation, Chennai - World Diabetes Federation. (12 <sup>th</sup> – 17 <sup>th</sup> Sept. 2011)			
2012 - NEBULA “Nebulization Techniques and Inhalational Devices” Training Programme for health care personnel (10 <sup>th</sup> Feb. 2012).			
2014 - Nurse Intensive Care Skills (NICS) Training in resource-limited settings			
2015 - Collaborated in Workshop on Communication skills for interns and residents			
2016 – Collaborated in Workshop on Medical and Surgical asepsis for interns and residents			
49.	<b>State whether the programme / department is accredited / graded by other agencies? If yes, give details</b>		
Medical Council of India recognized M.B.B.S. and M.D. courses			
50.	<b>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied (based on published research articles, paper, projects, books, Patents etc)</b>		
<b>b) Salient and unique feature of Department.</b>			
<ul style="list-style-type: none"> <li>• Regular teaching for problem based patients. Visits to peripheral health centres by specialist for providing expert opinions.</li> <li>• Good Co-ordination with Centre for Social medicine for field activities and to make students both UG and PG aware about the health needs of rural Indian population.</li> <li>• Health education and interaction with village population, with the help of satellite health center:</li> </ul>			
<b>Tele Medicine Projects:</b>			
<b>1] Namaskar Doctor</b>			
Faculty participation in FM radio program, talks related to common medical disorders in local population broadcasted live from Krishi Vidyaan Kendra (KVK), Babhleshwar.			
<b>2] Hello Doctor</b>			
An important aspect of contact with remote villages about tropical disease situations, preventions, routine basic first aid aspects, etc is done by all departments including the medicine department.			
<ul style="list-style-type: none"> <li>• World Diabetes day, World AIDS day and other health associated international activities activities in collaboration with other departments</li> </ul>			
<b>c) Innovation of the Department.</b>			



	<ul style="list-style-type: none"> <li>Diabetes patient registry, diabetes clinic: Patient education programmes using Audio-Visual media in OPD and demonstration of Foot care, Insulin Pens for diabetes patients</li> <li>UG: Objective structured oral examination in departmental formative assessment</li> <li>PG: One minute Preceptor, mini-Clinical evaluation exercise in departmental teaching programmes.</li> <li>The department helps in running the ART centre for the patients infected with HIV.</li> </ul> <p><b>d) Best practice of the Department</b></p> <ul style="list-style-type: none"> <li>Implementation of latest guidelines in ICU (Surviving Sepsis campaign, FAST-HUG)</li> <li>Mini and multi-diagnostic medical camps are held on regular basis. Health education and free consultation facilities are provided to the villagers under SIDA project.</li> </ul>								
	<ul style="list-style-type: none"> <li>Faculty participation in tribal medical camps (at Akole, Rajur) under National Rural Health Mission, from civil hospital, Ahmednagar.</li> <li>Faculty participation as a Resource person in CME / guest lecturers / training workshops.</li> </ul> <p>(Based on academic programmes, research, Teaching-Learning, Evaluation, Extension, consultancy, collaboration, welfare, governance, quality, enrichment awareness, publication etc.)</p>								
<b>51.</b>	<b><i>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department : (Important or major ones) in bullet form. SWOC</i></b>								
	<table border="1"> <tr> <td>Strength</td> <td> <ol style="list-style-type: none"> <li>A unique well equipped hospital building with well ventilated and with natural source light seven wards for indoor patients. For easy approach is with four lifts.</li> <li>Qualified, experienced and senior consultants for patients supervised care.</li> <li>Hospital stay and meals free for indoor patients with drugs at subsidised rates.</li> <li>On certain occasions free camps are arranged and costly investigations and some medicines are provided free of cost or at subsidized rates. Hospital is recognized for Rajiv Gandhi Jivandayee Yojna</li> <li>The Casualty section remains open for 24 hrs and one senior resident is available for management of acute emergencies.</li> </ol> </td> </tr> <tr> <td>Weaknesses</td> <td>Poor health literacy and awareness in patients and general population</td> </tr> <tr> <td>Opportunities</td> <td> <p><b>For patient care studies:</b></p> <ol style="list-style-type: none"> <li>The hospital provided all specialty services under one roof.</li> <li>Provides exposure to variety of diseases for presentation and management for UGs and PGs.</li> <li>Training to work in adverse conditions.</li> </ol> <p><b>For Researchers:</b></p> <ol style="list-style-type: none"> <li>Provides facility for research studies at RURAL background in real sense</li> <li>Ideal Agricultural based medical research study centre.</li> </ol> </td> </tr> <tr> <td>Challenges</td> <td> <p>Health education for early approach to hospital for treatment</p> <p>Attract the trained experts and teachers and researchers for establishing and working in the area.</p> </td> </tr> </table>	Strength	<ol style="list-style-type: none"> <li>A unique well equipped hospital building with well ventilated and with natural source light seven wards for indoor patients. For easy approach is with four lifts.</li> <li>Qualified, experienced and senior consultants for patients supervised care.</li> <li>Hospital stay and meals free for indoor patients with drugs at subsidised rates.</li> <li>On certain occasions free camps are arranged and costly investigations and some medicines are provided free of cost or at subsidized rates. Hospital is recognized for Rajiv Gandhi Jivandayee Yojna</li> <li>The Casualty section remains open for 24 hrs and one senior resident is available for management of acute emergencies.</li> </ol>	Weaknesses	Poor health literacy and awareness in patients and general population	Opportunities	<p><b>For patient care studies:</b></p> <ol style="list-style-type: none"> <li>The hospital provided all specialty services under one roof.</li> <li>Provides exposure to variety of diseases for presentation and management for UGs and PGs.</li> <li>Training to work in adverse conditions.</li> </ol> <p><b>For Researchers:</b></p> <ol style="list-style-type: none"> <li>Provides facility for research studies at RURAL background in real sense</li> <li>Ideal Agricultural based medical research study centre.</li> </ol>	Challenges	<p>Health education for early approach to hospital for treatment</p> <p>Attract the trained experts and teachers and researchers for establishing and working in the area.</p>
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Challenges	<p>Health education for early approach to hospital for treatment</p> <p>Attract the trained experts and teachers and researchers for establishing and working in the area.</p>								
<b>52.</b>	<p><b><i>Future Plan</i></b></p> <p>Development of the Hospital as superspeciality hospital catering the services at reasonable rate and make the hospital a site for ‘Rural Medical Tourism’.</p> <ul style="list-style-type: none"> <li>Since the campus is wide spread attempt to increase number of UG and PG Seats in various subjects. There is lot of scope to researcher for Ph. D. in Medicine in the Rural based studies.</li> <li>Taking into consideration the multiplicity of diseases presenting to the hospital there is scope for inviting the multi-centric international / national clinical researches.</li> </ul>								

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**Name & Signature**  
**(Head of the Dept.)**

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**Name & Signature**  
**Dean of the College**



**Information of Allied Departments of Medicine Department  
Relevant questions are retained and answered in the given format  
Departmental Evaluative Report  
Based on the data of 5 years :2010-11 to 2015-16**

1.	<i>Name of the Department</i>		:	PSYCHIATRY				
2.	<i>Year of establishment</i>		:	1984				
4.	<i>a) Names of programmes offered</i>		:					
	<i>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day:</i> Theory 20 Hrs + Practicals 42 Hrs = 62 Hrs. No Separate Paper. Included in General Medicine Paper.							
	<i>c) Contribution of faculty to curriculum design and Development (CDD) as</i> i) Member / chairman BOS/ Faculty/ BOE at parent university and other universities. <u>2 members</u> ii) Organization of CDD workshops at the Dept / University iii) Participation in curriculum design and development workshops at university/Department							
5.	<i>Participation of the department in the courses offered by other departments</i>		Lectures on Child Psychiatry for MD (Pediatrics) & DCH students Lectures on Psychiatry for BPh students of Dr APJ Abdul Kalam College of Physiotherapy Lectures on Psychiatry for MPH students of Center for Social Medicine					
6.	<i>Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Asst. Professors / Others) as on this day</i>							
	<i>(a) Teachers</i>							
	<i>S.N.</i>	<i>Required as per MCI Statutory bodies</i>		<i>Actual Faculty Strength (Recruited or filled)</i>				
				<i>Male</i>	<i>Female</i>	<i>Total</i>		
	<i>i</i>	Professor		1	-	1		
	<i>ii</i>	Associate Professor Reader		-	-	-		
	<i>iii</i>	Assistant Professor Lecturer		2	-	2		
	<i>Sub Total( i to iii)</i>			3	-	3		
	<i>vi</i>	Senior Resident		1	-	1		
	<i>vii</i>	Junior Resident		2	-	2		
	<i>Sub Total( iv to vii)</i>			3	-	3		
	<i>Grant Total ( i to vii)</i>			6	-	6		
	<i>(b)</i>							
	<i>Qualification Profile of Teachers</i>			<i>M</i>	<i>F</i>	<i>Total</i>		
	<i>With P.G. Degree Only</i>			2	-	2		
	<i>With higher qualification than PG (Ph.D/D.Sc.)</i>			1	-	1		
7.	<i>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</i>							
	<i>a) Faculty (as UG/PG teachers) (Internal):</i>							
	<i>Sr</i>	<i>Name of Teaching Staff</i>	<i>Qualification</i>	<i>Designation</i>	<i>Area of Specialization</i>	<i>Teaching Experience in Years</i>	<i>No. of PG Students</i>	
							<i>Guiding</i>	<i>Guided</i>
	1	Dr S Chaudhury	MD,PhD	Professor	Psychiatry	26	-	-
	2	Dr A Patil	MD	Asst.Prof	Psychiatry	5	-	-
	3	Dr B Jagtap	MD	Asst. Prof	Psychiatry	2	-	-
	<i>(b) Faculty of the Department as Ph.D. Guides (Internal as well as External) (as on this day)- Nil</i>							
8.	<i>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</i> Psychological aspects of Suicide Psychiatric assessment of patients with burns Comorbidity in Substance use disorders Stress and Well-being of Medical students							
9.	<i>Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies,</i>							





<i>project title and grants received projects wise : (For the last 5 Years)</i>				
<b>2 faculty members of the department are involved in 4 Research projects</b>				
<b>No. Project Funded by</b>	No. of ongoing projects (a)	No. Completed Projects (b)	Total Projects (a+b)	
<b>University and Dept.</b>	3	1	4	
<i>The details of projects are as follows:</i>				
<b>a) Ongoing Projects of Faculty (as on this day): All Sponserd by PIMS-DU</b>				
<b>Sr. No.</b>	PI, Co-PI and Project Title			Duration (Yr.)
1	Dr S Chaudhury. Psychosocial correlates of deliberate self-harm patients from rural Maharashtra			5
2	Dr S Chaudhury. Psychiatric assessment of patients with burns			5
3	Dr. B Jagtap. Dr S Chaudhury. Correlates of quality of life in patients with cancer			1
<b>b) Completed Projects of the faculty ( last 5 Years)</b>				
<b>Sr. No.</b>	PI, Co-PI and Project Title			Duration (Yr.)
1	Dr S Chaudhury. Dr P. Yadkikar. Inter-relationship of chronic low back & neck pain with psychology of patient & effect of treatment on their functional recovery			2
<b>10.</b>	<b>Inter- institutional collaborative projects of faculty &amp; associated grants received (including clinical trials) excluding those included a Sr. No.17) (For the last 5 Years) (as on this day)</b>		<i>On going</i>	<i>Completed</i>
			2	1
			2	1
<b>11</b>	<b>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)</b>			
	<b>Research Projects under taken by</b>	<b>Data as given under sl. No. of DER</b>	<b>Total Projects</b>	<b>On going</b>
	(a) The faculty ( at the Dept. ) Funded by Self or Department or University	17	4	3
	(b) Inter-Institution / Industry Projects (collaborate) including clinical trials	18	2	1
	(c) UG student STS ICMR Projects	28		
	(d) UG students STS Mgt. Sponsored Project	28	8	3
	<b>Total</b>		13	7
<b>12.</b>	<b>Publication data of last 5 years Publications in peer reviews journals and conference proceeding (ISSN)</b>		<b>National -24 International -16 Other-28 Total-68</b>	
	<b>Publication in Non-Peer reviewed Journals / conference proceeding )</b>		<b>National- 01 Other-13 Total-14</b>	
	<b>No. of Books Published (ISBN/NON ISBN)</b>		:	1 ISBN
	<b>No. of Edited Books (ISBN/NON ISBN)</b>		:	1 ISBN
	<b>No. of chapters in Books with details of publishers (ISBN/NON ISBN)</b>		:	2 ISBN
<b>13.</b>	<b>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data): NIL</b>			
	<b>(a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data)</b>			
	:- Dr S Chaudhury was Office Bearer as a Vice President of Association of Industrial Psychiatry of India in 2015 at National level.			
	<b>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data)</b>			
		<i>Total</i>	<i>Inter-National Level</i>	<i>National Level</i>
	<i>Joint Editor</i>	1	-	1
	<i>EB</i>	5	1	2
	<i>Peer Reviewer</i>	26	13	13
<b>14.</b>	<b>Faculty recharging strategies (UGC, ASC/MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)</b>			
	<b>Sr. No.</b>	<b>Type of the Programme</b>	<b>No. of FDPs participated</b>	<b>Total</b>



		College Level	State / University Level	National Level	
1	Orientation/Refresher/MET/CME	-	2	-	2
2	Workshop/Seminar/ Symposium/ conferences	4	9	11	24
3	FDPs (guest lecture, training, CM, CPC, etc.)	10	2	-	12
<b>15.</b>	<b>Students Projects: (Data of 5 Year)</b>				
	UG Projects (Including ICMR, STS)				
	Ongoing	Completed	Total		
	2	4	6		
	Percentage of students who have done in house projects including inter departmental project: 100%				
	Percentage of students doing projects in collaboration with other universities/industry/institute: NIL				
<b>16.</b>	<b>Diversity of Staff as on this day</b>				
	Number and % Diversity of Staff (as on this day) belonging to Same State/UT No. & % 3 & 100%	% Staff who have obtained PG Degree from Other Universities of the State No. & % 03 & 100%			
<b>17.</b>	<b>Present details of departmental infrastructural facilities with regard to :</b>				
	<b>A) Infrastructural facility (Common to all departments)</b>				
	<b>a) Library (dept): No. of Collections Book/Journal/ Project Report. Central Library books and Journal belonging to our department (both print and e mode): 105 books &amp; 9 journals.</b>				
	<b>b) Internet facilities for staff and students: Yes</b>				
	<b>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive &amp; Inclusive) : Class Rooms-1 Demo Rooms-1 Seminar Halls-1 Auditorium-1</b>				
	<b>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive): yes</b>				
	<b>e) Students laboratories at the Department</b>	:	No		
	<b>f) Research Laboratories of the Dept.</b>	:	Yes		
	<b>g) Museum at the Department and no. of specimen, charts, Modules etc.</b>	:	Yes 14 charts		
	<b>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)</b>	:	ECT with EEG & Cardiac monitor Computerized Biofeedback apparatus		
	<b>B) Clinical learning resource data (as submitted to MCI / DCI / INC / Others / UGC)</b>				
	<b>(a) Beds</b>	<b>(b) Units</b>	<b>(c) Special Clinics</b>	<b>(d) ICUs</b>	<b>(e) Wards</b>
	15	1	3	0	1
	<b>(g) OPD Patients / day( Average )</b>			<b>(h) IPD Patients / day( Average )</b>	
	41			11	
	<b>D) Sharing and usage of the resources of other Departments (For Diagnosis and Research )</b>	:	EEG, CT Scan, MRI		
<b>18.</b>	<b>A: Traditional B: Blended C: ICT enabled D: Learning Centric Approach E: Beyond Curriculum Scholarly activities.</b>				
	<b>b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling, ) During induction to first and second MBBS course one lecture on stress management is given. Students also come for counseling when they are stressed viz. before exams, after results or domestic crisis.</b>				
<b>19.</b>	<b>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?- Class tests and feedback</b>				
<b>20.</b>	<b>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive)</b>				
	<b>a) Involvement of student and faculty in various type of extension activity organized by the dept.: Four No. of Camps/Workshops/ Surveys/Training/Rallies/Lectures/Celebrations/ any other events in 2015-16 with no. of beneficiaries 100.</b>				
<b>21.</b>	<b>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied (</b>				



	<p><i>based on published research articles, paper, projects, books, Patents etc.</i></p> <p>Women have significantly higher mean empathy score than men. There was no change in empathy scores as medical students progressed through medical education.</p> <p>In the last trimester of pregnancy 20.49% of rural women had depression which was not identified by the treatment team. Depression was significantly correlated with higher gravida, physical abuse (reported by 13.7%), unhappy marital life (reported by 21.1%), recent stressful life events, complications in present pregnancy, illiteracy, and having only female children.</p> <p><b>b) Salient and unique feature of Department.</b> <i>Providing psychiatric care to rural population</i></p> <p><b>c) Innovation of the Department.</b></p> <p><b>d) Best practice of the Department</b></p> <p><i>Lectures to College students, caregivers &amp; doctors in nearby towns to improve awareness of mental illness.</i></p> <p><i>Radio talks about mental illness</i></p>									
22.	<p><b><i>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department : (Important or major ones) in bullet form.</i></b></p> <p><b><i>SWOC</i></b></p> <table border="1"> <tr> <td>Strength</td> <td>Regular lectures &amp; clinics Only Department in district having facilities for IQ test</td> </tr> <tr> <td>Weaknesses</td> <td>Sponsored research projects</td> </tr> <tr> <td>Opportunities</td> <td>Increase awareness &amp; reduce stigma of mental illness in rural population Provide psychiatric care to rural people Starting MD (Psychiatry) course</td> </tr> <tr> <td>Challenges</td> <td>Poor compliance of patients to maintenance treatment</td> </tr> </table>		Strength	Regular lectures & clinics Only Department in district having facilities for IQ test	Weaknesses	Sponsored research projects	Opportunities	Increase awareness & reduce stigma of mental illness in rural population Provide psychiatric care to rural people Starting MD (Psychiatry) course	Challenges	Poor compliance of patients to maintenance treatment
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Challenges	Poor compliance of patients to maintenance treatment									
23.	<p><b><i>Future Plan</i></b></p> <p>To improve and increase inpatients psychiatry treatment facility</p> <p>To improve occupational and rehabilitation facilities for patients</p> <p>To start day care facilities for chronic patients</p> <p>To procure computerized psychological tests for quick and accurate assessment of patients</p> <p>To start MD (Psychiatry) and DPM courses</p> <p>To diagnostic facilities by procuring Single Photon Emission Tomography and Positron emission tomography</p> <p>To construct a sleep laboratory for accurate diagnosis of sleep disorders and encourage research activities</p> <p>To enhance treatment facilities by procuring repetitive transcranial magnetic stimulation equipment</p>									

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Name & Signature  
(Head of the Dept.)

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Name & Signature  
Dean of the College



**Department of Dermatology, Venereology and Leprosy**

**Salient Features :**

- Offers the subject for MBBS student during III/II MBBS.
- 20 hours of theory and 42 hours of clinical learning.
- No separate university examination of this subject at UG level.
- Few questions are included in the theory paper of medicine.
- The dept. is managed by a professor and a Assist. professor and assisted by 3 senior residents and two junior residents (2 MD and 4 DVD)

Sr.no	Name of Teaching Staff	Qualification	Designation	Area of Specialization	Teaching Exp. in Years
1	Dr. NS Pawar	MD	Professor	Skin VD	10 yrs
2.	Dr. Vaidya AJ	MD	Assistant Prof.	Skin VD	12 yrs
3.	Dr. Sangoram SS	DVD	Senior Resident	Skin VD	4 yrs 2 m
4.	Dr. Vaidya	DDV	Senior Resident	Skin VD	1 yrs 6 m
5.	Dr. Kamble UD	DDV	Senior Resident	Skin VD	
6.	Dr. Bhaskar SD	DDV	Junior Resident	Skin VD	
7.	Dr. Sayyed Tausif	DDV	Junior Resident	Skin VD	

- Dept. has 3 nonteaching staff members (One technical and two support staff)
- Faculty have attended 42 FDPs.
- All the faculty are from Maharashtra.
- Dept. has 80 books and five journals in the dept. library apart from book collection in central library.
- Provision of classroom ICT internet/wifi, Demonstration rooms.
- On an average 70 OPD patients and 3 IPD patients.
- Equipments and instrumentation as per the MCI norms.
  - Best practices – speciality clinics – skin grafting for vitiligo, management of leprosy and AIDS.

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**Name & Signature**  
**(Head of the Dept.)**

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**Name & Signature**  
**Dean of the College**



**Department of Respiratory Medicine**

**Salient Features :**

- Offers the subject for MBBS student during III/II MBBS.
  - Subject is taught along with General Medicine
  - No separate university examination of this subject at UG level.
  - Few questions are included in the theory paper of General Medicine.
- The dept. is managed by a Professor , One Senior Resident (01 MD, 01 DNB ) and Two Junior Residents

Sr.no	Name of Teaching Staff	Qualification	Designation	Area of Specialization	Teaching Exp. in Years
1	Dr. Raje P. C.	M. D.	Professor	TB and Chest	29yrs approx
2.	Dr. Chudiwal J. V.	D. N. B.	SR	Chest and respiratory diseases	05 yrs approx
3.	Dr. Jagtap N. T.	M. B. B. S.	JR		8 Months
4.	Dr. Gawande P. K.	M. B. B. S.	JR		

- Dept. has 3 nonteaching staff members (One technical and two support staff)
- All the faculty are from Maharashtra.
- Books and Journals in General Medicine Departmental Library as per MCI norms
- Provision of classroom ICT internet/wifi, Demonstration rooms.
- On an average 80 OPD patients and 25 IPD patients.
- Equipments and instrumentation as per the MCI norms.
- Specialty clinics – DOTS center.
- Involvement of Department in revised national Program

---Sd/---  
**Name & Signature**  
**(Head of the Dept.)**

---Sd/---  
**Name & Signature**  
**Dean of the College**





## Department of Paediatrics



**Rural Medical College**  
**Pravara Institute of Medical Sciences**  
**(Deemed University)**





**Pravara Institute of Medical Sciences  
Departmental Evaluative Report  
Based on the date of 5 years :2011 -2016**

1.	<i>Name of the Department</i>		:	DEPARTMENT OF PAEDIATRICS		
2.	<i>Year of establishment</i>		:	1984		
3.	<i>Is the Department part of a School/Faculty of the university?</i>		:	Yes		
4.	<i>a) Names of programmes offered</i>		:	As on this day		
	Prog.	Course / Subject Pediatrics	Year of Establishment	Intake per year	Fresh enrollment	Total Student Strength
	UG	MBBS	1984	125	125	375
	PG	MD	1991	6	6	18
	P.G. Diploma	DCH	1991	3	3	6
	Ph.D	Nil	As per UGC			
	Total	3				
	<i>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day :</i> Theory : 60 Hrs; Practical : 195 Hrs; Other : 50 Hrs; Total : 305 Hrs Theory/Practical/Vivavoce : Total: 150 Marks MD : 04 Theory + 01Practicals + Viva + Dissertation = 800 Marks DCH : 03 Paper + Practical + Vivavoce = 600 Marks					
	<i>c) Latest revision of curriculum/ syllabus in 2011 Year and their salient features.</i> • Addition of IMNCI to syllabus in 2011.					
	<i>d) Contribution of faculty to curriculum design and Development (CDD) as</i> i) Member / chairman BOS/ Faculty/ BOE at parent university and other universities. ii) Organization of CDD workshops at the Dept / University iii) Participation in curriculum design and development workshops at university/Department					
5.	<i>Interdisciplinary programmes offered by the Department and department involved</i>					
	Name of Programs offered by our department			Involved Departments		
				Within the institute		
	1. Medical officer training			Casualty		
	2. NRP (neonatal Resuscitation protocol)			Obstetrics & gynaecology		
	3. NSSK & NRP training to nurses and nursing student			College of nursing		
	<i>Nature of involvement:</i> Clinical meetings, Group discussions, Postings of PG					
6.	<i>Courses in collaboration with other universities, industries, foreign institution etc</i>			Facility based newborn care Training for medical health professionals (FBNC)		
7.	<i>Details of programs discontinued, if any with reasons</i>			None		
8.	<i>Examination System</i>			Annual		
9.	<i>Participation of the department in the courses offered by other departments</i>			ALS/BLS Workshop courses conducted by the department of anesthesiology And critical care.		
10.	<i>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</i>					
	<i>(a) Teachers</i>					
	S.N.	<i>Required as per MCI/DCI/ INC/ UGC / Other Statutory bodies</i>		<i>Actual Faculty Strength (Recruited or filled)</i>		
				<i>Male</i>	<i>Female</i>	<i>Total</i>
	<i>I</i>	Professor		4	Nil	4
	<i>Ii</i>	Associate Professor Reader		1	2	3
	<i>Iii</i>	Assistant Professor Lecturer		4	2	6
	<i>Sub Total( I to Iii)</i>			09	04	13



<b>Iv</b>	Demonstrator	Nil	Nil	Nil			
<b>V</b>	Tutor	Nil	Nil	Nil			
<b>Vi</b>	Senior Resident	6	1	7			
<b>Vii</b>	Junior Resident	21	3	24			
<b>Sub Total( iv to vii)</b>		27	04	31			
<b>Grant Total ( i to vii)</b>		35	08	44			
<i>(b)</i>							
<b>Qualification Profile of Teachers</b>		<i>M</i>	<i>F</i>	<i>Total</i>			
<b>With P.G. Degree Only</b>		13	5	18			
<b>Other Higher Qualification (MRCP/PRCP/DM.M.Ch. etc.)</b>		2	-	2			
<b>11</b>	<b>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</b>						
<b>a) Faculty (as UG/PG teachers) (Internal):</b>							
Sr. No	Name of Teaching Staff	Qualification	Designation	Area of Specialization	Teaching Experience in Years	No. of PG Students	
						Guiding	Guided
1.	Dr.(Col.) D.Y. Shrikhande	MD	Professor and HOD	General Paediatrics	17	5	9
2.	Dr. Chatterjee R.S.	D.Ch.,MD	Professor	General Paediatrics	28	-	-
3.	Dr. (Col.) Kumar P.M.	MD,FISCA S	Professor	Paediatric Cardiology	18	-	-
4.	Dr. Nigwekar P.V.	D.Ch.,DNB	Professor	General Paediatrics	12	3	2
5.	Dr. Jadhav J.P.	MD	Asso. Prof.	General Paediatrics	18	-	-
6.	Dr. Deo B.A.	MD	Asso. Prof.	General Paediatrics	12	-	-
7.	Dr. Bora B.D.	MD	Asso. Prof.	General Paediatrics	12	-	-
8.	Dr. Sable S.B.	MD	Asst. Prof.	Paediatric Neurology	9	-	-
9.	Dr. Pargaonkar S.P.	MD	Asst. Prof.	General Paediatrics	3	-	-
10.	Dr. Kumar.A.R.	MD	Asst. Prof.	General Paediatrics	3	-	-
11.	Dr. Khose S.N.	MD	Asst. Prof.	General Paediatrics	11	-	-
12.	Dr. Holkar. R	MD	Asst. Prof	General Paediatrics	3	-	-
13.	Dr. Thakur P.	MD	Asst. Prof	General Paediatrics	3	-	-
14.	Dr. Lonare N	MD	Senior Resident	General Paediatrics	3	-	-
15.	Dr. Vaidya S	MD	Senior Resident	General Paediatrics	3	-	-
16.	Dr. Dhaybar. A	MD	Senior Resident	General Paediatrics	3	-	-
17.	Dr. Bhagyawant K	MD	Senior Resident	General Paediatrics	3	-	-
18.	Dr Shinde S.	DCH	Senior	General	2	-	-



	19.	Dr. Singh V.	MBBS	Resident Senior Resident	Paediatrics General Paediatrics	3	-	-
	20	Dr Garg A.	MBBS	Senior Resident	General Paediatrics	3	-	-
<b>12</b>	<b>List of senior Visiting Fellows, adjunct faculty, emeritus professors : (as on this day):</b> NIL							
<b>13</b>	<b>Percentage of classes taken by temporary faculty programme wise information</b>				:	No temporary faculty.		
<b>14</b>	<b>Programme wise Teacher Student Ratio</b>				:	<b>Teacher Student Ratio</b>		
	<b>Programme</b>							
	<b>UG</b>					1:8.9		
	<b>PG</b>					1:1.2		
	<b>Ph.D.</b>					N.A.		
<b>15</b>	<b>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</b>							
	Sr. No.	Staff		Required as per statutory Bodies	Filled / Actual			
					M	F	Total	
	1	Administrative		2	1	1	2	
	2	Technical		2	1	1	2	
	3	Support		8	6	4	10	
		Total		12	8	6	14	
<b>16.</b>	<b>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</b> Neonatology (Meconium Aspiration Syndrome, Birth Asphyxia, Sepsis, Hypoglycemia, Trauma, Seizures, Polycythemia, Congenital Heart Diseases); Infectious diseases (Rickettsial Fever, Malaria, Dengue, Tuberculosis, H1N1 Vaccines); Severe Acute Malnutrition; Poisoning; Foreign Body aspiration Infantile tremor syndrome(ITS) in megaloblastic anemia							
<b>17</b>	<b>Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise : (For the last 5 Years)</b>							
	<b>No. Funded by</b>	<b>Project</b>	<b>No. of ongoing projects (a)</b>	<b>No. Completed Projects (b)</b>	<b>Total Projects (a+b)</b>	<b>Funds received in lakhs Total</b>		
						For (a)	For (b)	For a+ b
	<b>National agencies</b>		2	N.A.	2	13,50,000	N.A.	13,50,000
	<b>University and Dept.</b>		1		1	26400	Nil	26400
	<b>The details of projects are as follows:</b>							
	<b>a) Ongoing Projects of Faculty (as on this day)</b>							
	1. Dr.(Col.)D.Y.Shrikhande & Dr. Nitin Itgampalli - "Severe Acute Malnutrition Analysis and Research on efficacy of hospital prepared v/s readymade F75 & F100" Funding Agency- Smt. Malti Dahanukar Trust; Grant Received 2,50,000 Lakhs Rs. ; Duration of Project is 2 Years.							
	2. Dr. Anuj Kumar & Dr. P. Nigwekar - "Clinical Trial of Nasovac Swine Flu Vaccine"; Funding Agency- Serum Institute of India; Grant Received 11,00,000 Lakhs Rs.; Duration of Project is 1 Years.							
	3. Dr. Anuj Kumar & Dr. (col) DY Shrikhande-"To study clinical hematological and neuroimaging profile in patient of infantile tremor syndrome in a rural based tertiary care centre Maharashtra"; Funding Agency- Pravara institute of medical sciences; Grant Received- 26,400 Rs. Duration of Project is 2 Years.							





<p><b>b) Completed Projects of the faculty ( last 5 Years)</b></p> <p>1. Rakesh Balamkar &amp; Shrikhande D.Y.-“ Surfactant replacement therapy in neonatal respiratory distress syndrome : Case control study” Sponserd by- Department; Duration: 2 Years.</p> <p>2. P.Nigwekar &amp; S.Nigwekar“Study of usefulness of OSCE as a tool for evaluation of PG medical students” Sponserd by- Department; Duration: 1 Years.</p> <p>3. R.C. Chatterjee &amp; Amulya Mysore-“Utility of sonography in clinically suspected dengue” Sponserd by- Department; Duration: 1 Years.</p> <p>4. Dr Abhijit Singla &amp; Dr DY Shrikhande-“Outcome of sclerema neonatorum in a rural tertiary care NICU”; Sponserd by- Department; Duration: 1 Years.</p>								
18	<p><b>Inter- institutional collaborative projects of faculty &amp; associated grants received (including clinical trials) excluding those included a Sr. No.16) (For the last 5 Years) (as on this day)</b></p>	On going	Comple ted	Tot al	Level		Grants Received in Lakhs	
		2	0	2	National Level collaborative Projects –		13,50,000	
19	<p><b>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)</b></p>							
	Research Projects under taken by	Data as given under sl. No. of DER	Total Projects	On going	Comp let/ed	Amount Received		Total Rs Lakhs
						O n	Comple ted	
(a)	The faculty ( at the Dept. ) Funded by Self or Department or University	17	16	1	15			26400
(b)	Inter-Institution / Industry Projects (collaborate) including clinical trials	18	2	2	-	-	-	13,50,000
(c)	UG student STS ICMR Projects	28	1	0	1	-	-	10,000
(d)	UG students STS Mgt. Sponsored Project	28	1	1	-			
(e)	Research Projects of faculty Funded by National agencies	17	2	2	-			
(f)	Research Projects funded by international agencies	17	-	-	-	-	-	
	Total		21	6	15			13,76,400
20.	<p><b>(a) Research Facility / Center and recognition by state / National / International agenesis.(as on this day)</b></p>			<p>Videos, Educational material, Educational CDs Available</p>				
<p><b>In the department (Details of facilities in brief)</b></p>								
Sr. No	Lab	Investigations/ training						
1	Ward side lab/ Diagnostic lab	Microscopic examination of peripheral blood smear, gram and ZN staining, Haemoglobin estimation, Urine examination, Blood sugar						
2	Museum	Learning Historic aspects, specimens, Emergency Drugs, important Scientist,						
3	PICU & NICU	Exchange transfusion surfactant therapy, partial exchange,						





		phototherapy , ventilation and Cpap			
	Dedicated faculty guides versed in Research Ample clinical cases and clinical material departmental library with national and international journals				
	<i>In other department (Details of facilities by the department) used by us.</i>	Neurosonography done at Nicu; ROP screening of neonates; CT Scan; MRI; All laboratory investigations done at CCL			
	<i>In other college ( Details of facilities used by us)</i>	Central library with books and journals; Free wifi; Central research Lab			
	<i>At central level ( Details of facilities used by us)</i>	Computers, Internet, e-Lib, Central library facilities available, Molecular biology laboratory at college of biotechnology			
21.	<i>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization of any.</i>	Central research laboratory			
22.	<i>Publication data of last 5 years Publications in peer reviews journals and conference proceeding (ISSN)</i>	<b>National 9 International 43 Total 52</b>			
	<i>No. of Monographs (ISBN/NON ISBN)</i>	:	Nil		
	<i>No. of Books Published (ISBN/NON ISBN)</i>	:	1		
	<i>No. of Edited Books (ISBN/NON ISBN)</i>	:	NIL		
	<i>No. of chapters in Books with details of publishers (ISBN/NON ISBN)</i>				
	1.DR KUNAL AHYA (PG textbook of pediatrics by Piyush gupta) By JAYPEE Publications				
	2.Chapter by DR RAJIB CHATTERJEE(Neonatology section in Short textbook of Pediatrics by Suraj Gupte) by CBS Publications				
	3.Chapter by DR PRABHAT KUMAR in “A comprehensive approach to congenital heart diseases” By JAYPEE Publications				
	4. Chapter in Neonatal Resuscitation protocols of AFMC by Dr DY Shrikhande				
	<i>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.)- 52</i>				
	<i>Research publication included and listed in international database are 43 Out of total publication.</i>				
	<i>No. of Citation Index – range / average</i>	:	Details given in Criteria III and Emerge Data		
	<i>SNIP, SJR</i>	:	Details given in Criteria III and Emerge Data		
	<i>Impact Factor- range/average</i>	:	0.719(0.0-3.5)		
	<i>h-index</i>	:	Details given in Criteria III and Emerge Data		
23.	<i>Details of patents filed / granted and income generated (5 Years data)</i>	:	Nil		
24.	<i>Areas of consultancy and income generated(5 Years data)</i>	:	Paid Consultancy - Revenue Generated. Rs.- ----Lakhs Honorary Consultancy Provided		
25	<i>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data)</i>				
	<i>Total</i>	<i>Inter-national</i>	<i>National</i>	<i>State</i>	<i>Others</i>
	-	-	4	-	-
	<b>-----No. of faculty were selected to visit L/I in India and abroad. (Laboratories, Institutions, Industries)The details are as follows :</b>				
	Sr. No.	Name of the Faculty	Visiting Institution / Laboratory / Industry,	Year of Visit	Purpose of Visit



			Name of place and Nation							
1	Dr. (Col.) D.Y. Shrikhande	AFMC, Pune		2014	Guest lecture on Cerebral palsy and Autism, Participated in golden jubilee celebrations of the dept of pediatrics, Participated in debates & lecture on snake bite					
2	Dr Rajib Chatterjee	Vikhe Patil Institute of Medical Sciences , Ahmednagar		2014	Guest lecture on severe acute malnutrition					
3	Dr. (Col.) Prabhat Kumar	AFMC, Pune		2013	Guest lecture on Management Issues in Paediatric Congenital Heart Disease					
4	Dr. (Col.) D.Y. Shrikhande	NEOCON Delhi		2012	Session chaired (a)Supplementation of feeds in newborn (b)Neuroprotection: recent advances					
26.	<b>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data): NIL</b>									
	<b>(a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data)</b>									
	Total No. of Faculty	Inter-National level	National level	State level	Others level					
Fellowship	4	1	3	-	-					
	<b>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data) NIL</b>									
27.	<b>Faculty recharging strategies (UGC, ASC/MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)</b>									
Sr. No.	Type of the Programme	No. of FDPs participated				Total				
		College Level	State / University Level	National Level	International Level					
1	Orientation/Refresher/MET/ CME	5	1	3	1	1				
2	Workshop/Seminar/ Symposium/ conferences	1	2	5	Nil	1				
3	FDPs (guest lecture, training, CM, CPC, etc.)	4	6	2	2	4				
28.	<b>Students Projects:</b> The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)									
Sr. No.	UG Projects (Including ICMR, STS)			PG Projects			PG Dissertations			
	Ongoing	Completed	Total	Ongoing	Completed	Total	Ongoing	Completed	Total	
	1	-	1	1	3	4	12	16	28	
	<b>Percentage of students who have done in house projects including inter departmental project</b>						:	NIL		
	<b>Percentage of students doing projects in collaboration with other universities/industry/institute</b>						:	NIL		
	<b>Details of PG dissertations are given in the annexure</b>						:	ANNEXURE A		
29.	<b>a) Research Awards/recognitions received at the national and international level (5 Years data)</b>									
Sr.	Received by			No. of Awards			Recognitions			



No.									
		International	National	State/University	Total	International	National	State/University	Total
1	Faculty	--	1	--	1	--	--	--	--
2	Student UG	--	---	--	--	--	--	--	---
3	Student PG / Ph.D		1	6	7	--	--	--	--
	Total	--	2	6	8	--	--	--	--
b) General awards of faculty and students (other than Research, for teaching extension, social service)									
30. a)	<i>Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data)</i> : Organized 03 Seminars at University Level & 12 Workshops at University Level.								
31.	<i>Code of ethics for research followed by the departments</i>	:	IEC PIMS (DU) (ICMR 2006 guidelines)						
32.	<i>Student Profile programme-wise</i>	:							
a) PG Programme Name of the Programme : M.D Pediatrics									
Academic Year		No. of Application Received for PG CET		CET Pass %		No of Students Selected through CET			
						M	F	T	
2010-11		-		-		06	01	07	
2011-12		-		-		07	00	07	
2012-13		-		-		09	00	09	
2013-14		-		-		08	01	09	
2014-15		-		-		08	01	09	
2015-16		-		-		07	02	09	
No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year									
Academic Year of Outgoing batch		No. of Students			% of Pass student with				
		Appeared	Pass	Pass %	I <sup>st</sup> Class		I <sup>st</sup> Class with Distinction		
2010-11		05	03	60%	20%				
2011-12		08	06	75%	25%				
2012-13		05	05	100%	20%				
2013-14		07	06	85.71	28.5%				
2014-15		07	07	100%	71.4%		14.2%		
2015-16		09	08	88.8%	25%				
b) UG Students Name of the subject and course central data									
<b>Results of University examination for the subject taught by the Department (Eg. Anatomy, Physiology etc.)</b>									
Name of the Subject	Academic Year (For Outgoing Batch)	Total Students Appeared	No of Students passed	Pass % of Dept. Subject	% of I <sup>st</sup> Class	% of I <sup>st</sup> Class with Distinction			



	Paediatrics	2010	2011	116	100	86.20%	62.25%	
	Paediatrics	2011	2012	124	123	99.2%	63.94%	5.64%
	Paediatrics	2012	2013	89	89	100%	66.35%	
	Paediatrics	2013	2014	115	111	96.52%	34.67%	0.86%
	Paediatrics	2014	2015	115	109	95.61%	36.09%	4.34%
	Paediatrics	2015	2016					
<b>Note- Give Results only for Regular Batch.</b>								
<b>33.</b>	<b>Diversity of Students : a) PG Programme</b>							
	Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries		
	M.D/ D.C.H	2010-11	1 (14.5%)	3(42.85%)	3(42.85%)	-		
	M.D/ D.C.H	2011-12	3(42.85%)	3(42.85)	1(14.5%)	-		
	M.D/ D.C.H	2012-13	3(33.3%)	3(33.3%)	3(33.3%)	-		
	M.D/ D.C.H	2013-14	0	5(55.5%)	4(44.5%)	-		
	M.D/ D.C.H	2014-15	3(33.3%)	2(22.2%)	4(44.4%)	-		
	M.D/ D.C.H	2015-16	2(22.2%)	3(33.3%)	4(44.4%)	-		
<b>34</b>	<b>How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.)</b> :ECFMG (Educational Commission for Foreign Medical Graduates)/EICS( ECFMG International Credential Services) - 104							
<b>35.</b>	<b>Student progression:</b>	:	<b>Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)</b>					
	Student Progression		% against enrolled					
	I	UG – PG Studies						
		PG – SS		13				
		PG – Ph. D.		NIL				
		UG to employment		off Campus selection				
		PG to employment		off Campus selection				
		UG / PG to Entrepreneur		--				
<b>36.</b>	<b>Diversity of Staff as on this day</b>							
	<b>Number and % Diversity of Staff ( as on this day ) belonging to</b>				<b>% Staff who have obtained PG Degree from</b>			
	<i>Same State/UT</i>		16 & 80%		Parent University		8 & 40%	
	<i>Outside State/UT</i>		4 & 20%		Other Universities of the State		12 & 60%	
<b>37</b>	<b>Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) : NIL</b>							
<b>38.</b>	<b>Present details of departmental infrastructural facilities with regard to :</b>							
	<b>A) Infrastructural facility (Common to all departments)</b>							
	<b>a) Library (dept): No. of Collections Book/Journal/ Project Report</b>				:			
	<b>Central Library books and Journal belonging to our department (both print and e mode)</b>				Total 757 books in library Journals 08 Foreign 065 national 193 books in departmental library of recent edition, International and National Journals			
	<b>b) Internet facilities for staff and students</b>				:			
					Computers ,Wi-fi facilities, E-lib			



<i>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive &amp; Inclusive)</i>		:	Class Rooms + Demo Rooms-----5 Library cum Seminar Halls 1 Central Auditorium Other			
<i>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive)</i>		:	Computers , Internet, e-lib,, Dept e-lib, facilities available			
<i>e) Students laboratories at the Department</i>		:	4 sidelabs near the wards			
<i>f) Research Laboratories of the Dept.</i>		:	01			
<i>g) Museum at the Department and no. of specimen, charts, Modules etc.</i>		:	Museum available 25 Specimens			
<i>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)</i>		:	Bilicheck instrument			
<b>B) Clinical learning resource data (as submitted to MCI/DCI/INC/Others/UGC)</b>						
<i>(a) Beds</i>	<i>(b) Units</i>	<i>(c) Special Clinics</i>	<i>(d) ICUs</i>	<i>(e) Wards</i>	<i>(f) OTs</i>	
120	4	11	6(PICU)+ 14(NICU)	4	---	
<i>(g) OPD Patients / day (Average)</i>		<i>(h) IPD Patients / day (Average)</i>	<i>(i) Operation / day</i>		<i>(j) Diagnostic Tests</i>	
			<i>Major</i>	<i>Minor</i>	<i>OPD</i> <i>IPD</i>	
335		18.4				
<i>(k) Patient's Feedback</i>		<i>(l) GHP / GLP / SOPs</i>		<i>(m) Submission of Compliance /Follow-up Reports to National /State Agencies</i>		
Taken and maintained in Register book in ward		----		-----		
<b>C) Para clinical learning resource (CCL Radiology &amp; Departmental Diagnostic Lab) Data &amp; Report : Details on Sophisticated diagnostic equipments and facilities , No. of diagnostic tests (Average per day and annual):</b> Online pathological services, Ultrasonography, CT Scan, MRI						
<b>D) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well</b>		:	Pathology, microbiology, radiology, biotechnology			
39.	<i>No. of doctoral post- doctoral students and Research Associates / PDF working</i>		:	NIL		
40	<i>(a) Number of students getting financial assistance from the university- Nil</i> <i>PG and Ph.D. Students getting assistance from the University—NIL</i>					
41.	<i>Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :</i> <ul style="list-style-type: none"> <li>Yes, needs assessment is routinely carried out as an initial step of curriculum implementation or change through survey</li> </ul>					
42.	<i>Does the department obtain feedback from</i>					
Sr.No.	From	Yes/No	Feedback Manual / Digital		How the feedback analysis is used for improvement	
1	Student	Yes	Feedback Manual now digital		Improvement of teaching	
2	Faculty	Yes	Informal		Improvement of teaching, better hospital care, patient care,improve facilities	





	3	Alumni / Parents/ Employer	Yes	Informal	Improvement of teaching, , better hospital care, patient care,improve facilities
43.	<b>List the distinguished alumni of the department (Maximum 10) ( UG student or PG Student belonging to the subject)</b>				Name and designation with address
	Sr. No.	Name & Designation	Place of work of alumni		
	1	Dr Noorie Minocha (MD)	1.Great Ormund street hospital London fellowship 2.Fellowship inPICU at KEM hospital Mumbai		
	2	Dr Abhijeet Singla(MD)	1.Fellowship at Westmead Hospital, Sydney 2.Fellowship in PICU at KEM hospital Mumbai		
	3	Dr Romal Kumar	Fellowship in PICU at Narayan Hrudalaya Hyderabad		
	4	Dr. Gurmeet Singh	Fellowship in PICU at Narayan Hrudalaya Hyderabad		
	5	Dr. Santosh Yadav (MD)	Fellowship at Nirmal Hospital , Surat		
	6	Dr Neeraj Shaha	Fellowship in PICU & NICU from KEM Pune		
	7	Dr Mukesh Vasoya	Fellowship in NICU, Nirmal Hospital, Gujarat		
	8	Dr Nilesh Maniya	Fellowship in PICU, BLK Hospital, Delhi		
	9	Dr Amit Narkhede	Fellowship in NICU, Bombay Hospital		
	10	Dr. Haresh kasodiya	Registrar, Anand Hospital		
44.	<b>Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</b> The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under				
	Sr. No.	Event (SEP) UG + PG	No. of Prominent		
			External Experts		
	1	Pediatric surgery	Dr.Hemant Naik		
	2	Neonatology	Dr. Sheila Mathai		
	3	Pediatric surgery	Dr. Gharpure		
	4	AFP & Measles	Dr.A.M. Narula		
	5	Retinopathy of Prematurity	Dr Rajvardhan Azad		
	6	NICU care in a rural tertiary hospital.	Dr Girish Gupta		
	7	AFP surveillance and measles outbreak surveillance	Dr Mujib Sayyed		
	(Details given in annexure)				
45.	<b>a) List the teaching methods adopted by the faculty for different programmes:</b> A: Traditional B: Blended C: ICT enabled D: Learning Centric Approach E: Beyond Curriculum Scholarly activities. <b>b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling, ): Orientation programme for postgraduates students during their first 30 days, mentorship and counselling for both undergraduates and post graduates, Extra coaching for weak students once a week</b>				
46.	<b>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?</b> : Six monthly assessment is done by guides & HOD, Annual exam for UG students				
47.	<b>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive)</b> 1) <b>Involvement of student and faculty in various type of extension activity organized by the dept.</b>				
	Sr. No.	No. of Camps/ Workshops/ Surveys/ Training/ Rallies/ Lectures/ Celebrations/ any other events.	Academic Year	Beneficiaries	
	1.	IAP UG Quiz(College Round) conducted every Year by the dept.	Every Year	34	
	2.	Thalassemia Workshops conducted to raise awareness	2015	24	



	3.	amongst patients for BMT and recent advances. Polio vaccination drive.	Every Year	58																																	
m) <i>Our faculty is involved extension in health awareness programs organized by the college / University through lectures, rally, camps/ training. as HR / Contributions</i>																																					
	Sr.No.	Programme	Venue	Topic	Date																																
	1.	Workshop in collaboration with CSM Dept.	CSM Dept	“Medical practice in RTHC and PHC’s for MO’s and Medical Staff”	April 2016																																
	2.	Educational Talks on Radio “Hello Doctor”	Radio Station, Babhaleshwar	“Danger signs in Neonates, Importance of Breastfeeding,etc.”	2015-2016																																
48.	<p><i>Give details of “beyond syllabus scholarly activities” of the department :CMEs &amp; Workshop conducted, Guest lectures at regular intervals, training program for PG students</i></p> <table border="1"> <thead> <tr> <th>Sr No.</th> <th>Guest Lecturer</th> <th>Topic</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Dr. Rajvardhan Azad Professor,AIIMS</td> <td>Retinopathy of Prematurity</td> </tr> <tr> <td>2</td> <td>Dr. Rahul Kunkulol</td> <td>Methodology lecture on thesis writing</td> </tr> <tr> <td>3</td> <td>Dr. AP Kulkarni</td> <td>Research Methodology and use of statistics dissertations.</td> </tr> <tr> <td>4</td> <td>Dr. Girish Gupta</td> <td>NICU care in a rural tertiary hospital.</td> </tr> <tr> <td>5</td> <td>Dr. Sheila Shrikhande</td> <td>Early intervention therapy for newborn neonates.</td> </tr> <tr> <td>6</td> <td>Dr. Mujib Sayyed</td> <td>AFP surveillance and measles outbreak surveillance</td> </tr> <tr> <td>7</td> <td>Dr. Sheila Mathai (Prof. and HOD Dept of Paediatrics AFMC)</td> <td>Recent advances in Non invasive ventilation</td> </tr> <tr> <td>8</td> <td>Dr. Vivek Gharpure</td> <td>Emergencies in Paediatric and Neonatal Surgery.</td> </tr> <tr> <td>9</td> <td>Dr APS Narula</td> <td>Switch to tOPV from Bopv</td> </tr> <tr> <td>10</td> <td>Dr. M. Naik</td> <td>Introduction to Paediatric surgeries</td> </tr> </tbody> </table> <p>Participation in various multidagnostic camps Radio talks given by Faculty and residents FBNC training to nurses Basic life support/advanced cardiac life support workshop by residents Research methodology workshop for residents and faculty Participation at INVENTUM</p>				Sr No.	Guest Lecturer	Topic	1	Dr. Rajvardhan Azad Professor,AIIMS	Retinopathy of Prematurity	2	Dr. Rahul Kunkulol	Methodology lecture on thesis writing	3	Dr. AP Kulkarni	Research Methodology and use of statistics dissertations.	4	Dr. Girish Gupta	NICU care in a rural tertiary hospital.	5	Dr. Sheila Shrikhande	Early intervention therapy for newborn neonates.	6	Dr. Mujib Sayyed	AFP surveillance and measles outbreak surveillance	7	Dr. Sheila Mathai (Prof. and HOD Dept of Paediatrics AFMC)	Recent advances in Non invasive ventilation	8	Dr. Vivek Gharpure	Emergencies in Paediatric and Neonatal Surgery.	9	Dr APS Narula	Switch to tOPV from Bopv	10	Dr. M. Naik	Introduction to Paediatric surgeries
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49.	<p><i>State whether the programme / department is accredited / graded by other agencies? If yes, give details- NIL</i></p>																																				
50.	<p><i>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied ( based on published research articles, paper, projects, books, Patents etc.</i></p> <p><i>b) Salient and unique feature of Department.</i></p> <p><i>c) Innovation of the Department.</i></p> <ol style="list-style-type: none"> <li>Use of ICD Bags and nasal prongs as neonatal CPAP.</li> <li>Use of Cling Wrap for Heat retention and for infection control in NICU</li> <li>Use of Vaccine cool packs for cranial cooling in cases of Perinatal Asphyxia.</li> <li>Use of Betadine soaked sterile gauze at IV Line Junctions to prevent infection thru IV Line.</li> <li>Sterilium Bottle at each NICU and PICU bed for hand sterilization.</li> </ol> <p><i>n) Best practice of the Department</i></p> <ol style="list-style-type: none"> <li>“Antibiotic holidays” – to control antibiotic resistance.</li> <li>Promotion of Kangaroo mother care and allowing mothers in NICU for sensory</li> </ol>																																				



	<p>stimulation and Breast feeding.</p> <p>3. Early intervention therapy and promotion of various techniques of early intervention; Better follow up of high risk neonates.</p> <p>4. Use of modern techniques for academic teaching – Powerpoint presentations, Audio and Visuals.</p> <p>5. IAP Paediatric Quiz (College round) for Undergraduates organised every year with participation from the whole college.</p> <p>6. Peripheral cannulation for exchange transfusion when umbilical vein cannulation is not possible.</p> <p>7. Observed structured clinical examination (OSCE) – practice to train residents, interns and faculty.</p>								
<b>51.</b>	<p><b><i>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department : (Important or major ones) in bullet form.</i></b></p> <p><b><i>SWOC</i></b></p> <table border="1"> <tr> <td>Strength</td> <td> <ul style="list-style-type: none"> <li>• Free treatment for patients including superspeciality services like neurology, neonatology, cardiology, nephrology, pediatric surgery.</li> <li>• Modern clinical facilities and learning resources and Tertiary level care in NICU &amp; PICU.</li> <li>• Follow up clinics for high risk babies, thalassaemia, nutritional rehabilitation clinics</li> <li>• Special child guidance &amp; child rehabilitation clinics for physically &amp; mentally handicapped children with in house physiotherapist available</li> </ul> </td> </tr> <tr> <td>Weaknesses</td> <td> <ul style="list-style-type: none"> <li>• Lack of faculty with Post-Doctoral Super-specialization like Neonatologists and Pediatric Intensivists (D.M. /Ph.D ) &amp; No pediatric neuro surgeon available.</li> <li>• Project collaborations</li> <li>• Scholarships</li> </ul> </td> </tr> <tr> <td>Opportunities</td> <td> <ul style="list-style-type: none"> <li>• Super speciality branches in Paediatrics like Endocrinology, Gastroenterology, Cardiology, etc.</li> <li>• Pediatric Neurosurgery</li> <li>• Cardiac cath-lab</li> <li>• Post Graduate Super specialization courses and fellowships.</li> </ul> </td> </tr> <tr> <td>Challenges</td> <td> <ul style="list-style-type: none"> <li>• Setting up standard &amp; exemplary paediatric and neonatal intensive care systems in a rural, remote area providing modernized and updated treatment facilities.</li> <li>• Due to lack of awareness among rural population the patients are unable to understand the severity of some emergency diseases. Patient education and awareness programmes.</li> <li>• Education to parents for understanding importance of follow up in neonates</li> <li>• Starting fellowships in NICU and PICU.</li> </ul> </td> </tr> </table>	Strength	<ul style="list-style-type: none"> <li>• Free treatment for patients including superspeciality services like neurology, neonatology, cardiology, nephrology, pediatric surgery.</li> <li>• Modern clinical facilities and learning resources and Tertiary level care in NICU &amp; PICU.</li> <li>• Follow up clinics for high risk babies, thalassaemia, nutritional rehabilitation clinics</li> <li>• Special child guidance &amp; child rehabilitation clinics for physically &amp; mentally handicapped children with in house physiotherapist available</li> </ul>	Weaknesses	<ul style="list-style-type: none"> <li>• Lack of faculty with Post-Doctoral Super-specialization like Neonatologists and Pediatric Intensivists (D.M. /Ph.D ) &amp; No pediatric neuro surgeon available.</li> <li>• Project collaborations</li> <li>• Scholarships</li> </ul>	Opportunities	<ul style="list-style-type: none"> <li>• Super speciality branches in Paediatrics like Endocrinology, Gastroenterology, Cardiology, etc.</li> <li>• Pediatric Neurosurgery</li> <li>• Cardiac cath-lab</li> <li>• Post Graduate Super specialization courses and fellowships.</li> </ul>	Challenges	<ul style="list-style-type: none"> <li>• Setting up standard &amp; exemplary paediatric and neonatal intensive care systems in a rural, remote area providing modernized and updated treatment facilities.</li> <li>• Due to lack of awareness among rural population the patients are unable to understand the severity of some emergency diseases. Patient education and awareness programmes.</li> <li>• Education to parents for understanding importance of follow up in neonates</li> <li>• Starting fellowships in NICU and PICU.</li> </ul>
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<b>52.</b>	<p><b><i>Future Plan</i></b></p> <ul style="list-style-type: none"> <li>➤ Cardiac Cath Lab .</li> <li>➤ New modernized NICU.</li> <li>➤ Installation of HFO Ventilator.</li> <li>➤ Paediatric GI Endoscopy</li> <li>➤ Use of more comprehensive appropriate, Innovative, need based teaching, learning and evaluation programs that Include student centered, problem based, Community oriented Clinical, Laboratory &amp; project based modules.</li> <li>➤ Use of observed structured clinical examination (OSCE) for better assessment of the students.</li> <li>➤ Introduction and promotion of digital media, web and online services for teaching and updating knowledge of students across various subjects – <a href="http://www.clinicallearning.com">www.clinicallearning.com</a></li> </ul>								

----Sd/---  
**Name & Signature**  
**(Head of the Dept.)**

----Sd/---  
**Name & Signature**  
**Dean of the College**





## Department of General Surgery



**Rural Medical College**  
**Pravara Institute of Medical Sciences**  
**(Deemed University)**





**Pravara Institute of Medical Sciences (Deemed University)  
Institution: Rural Medical College, Loni, PIMS [DU]  
Departmental Evaluative Report  
Based on the date of 5 years : 2011 -2016**

<b>1.</b>	<b>Name of the Department</b>		:	<b>GENERAL SURGERY</b>		
<b>2.</b>	<b>Year of establishment</b>		:	1984		
<b>3.</b>	<b>Is the Department part of a School/Faculty of the university?</b>		:	Yes, part of Rural Medical College and constituent unit of PIMS [DU]		
<b>4.</b>	<b>a) Names of programmes offered</b>		:	<b>As on this day</b>		
	Prog.	Course / Subject General Surgery	Year of Establishment	Intake per year	Fresh enrollment for academic year	Current Total Student Strength of the Dept. (of all year I,II,III etc
	UG	MBBS	1984	125	98	242
	PG	MS General Surgery	1991	4	4	12
	<b>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</b>					
	<ul style="list-style-type: none"> <li>• MBBS : 236 theory Hrs ; 388 Practical Hrs; 96 other; Total : 720 Hrs</li> <li>• 2 Theory Paper. One Practical, 3 other type; 240 Marks</li> <li>• MS : 864 Theory + 288 Practical+ 144 other : Total : 1296 Hrs</li> <li>• 4 Theory ; One Practical+ Dissertation = 800 Marks</li> </ul>					
	<b>c) Latest revision of curriculum/ syllabus in Year and their salient features.</b>					
	<ul style="list-style-type: none"> <li>• 2012 UG Medical education resolution by MCI</li> <li>• 2015 MCI Vision Document</li> <li>• Curricular revision as per 'MDN' concept</li> <li>• Bioethics 2015</li> <li>• ATCOM module 2015</li> <li>• New evaluation system for MBBS formative and summative evaluation in 2013</li> </ul>					
	<b>d) Contribution of faculty to curriculum design and Development (CDD)</b>					
	Member of academic council and board of studies, PIMS [DU], Loni BK					
	<ul style="list-style-type: none"> <li>• Six faculties are member of Board of studies and two faculties are member of academic council</li> </ul>					
	<b>No</b>	<b>Name of the faculty</b>	<b>Member PIMS [DU]</b>			
	1	Dr PK Baviskar	Academic council			
	2	Dr R Ravishanker	Academic council			
	3	Dr PK Baviskar	Board of studies			
	4	Dr DK Apturkar	Board of studies			
	5	Dr MH Shaikh	Board of studies			
	6	Dr GJ Jorwekar	Board of studies			
	7	Dr SS Anarse	Board of studies			
<b>5.</b>	<b>Interdisciplinary programmes offered by the Department and department involved</b>					
	Name of Programs offered by our department			Involved Departments		
	<ul style="list-style-type: none"> <li>• CPS</li> <li>• BDS</li> <li>• BPTH</li> <li>• MDS [Oral Surgery]</li> <li>• Student exchange with social</li> </ul>			Within the institute	Of the other institute	
				Radiology	Nil	
				Pathology		
				Microbiology		
				Radiotherapy		
				Biochemistry		





	medicine	Obstetrics and gynecology						
		Orthopedics						
		Social medicine						
	<b>Nature of involvement:</b> Students get help in completing projects, dissertation and patient care as well as participation in the community activity							
6.	<i>Courses in collaboration with other universities, industries, foreign institution etc</i>	• Student exchange program						
7.	<i>Details of programs discontinued, if any with reasons</i>	Nil						
8.	<i>Examination System</i>	• Annual						
9.	<i>Participation of the department in the courses offered by other departments</i>	• CPS AND DNB Rotation postings • MDS ORAL SURGERY Rotation in surgery						
10.	<b>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</b>							
	<b>(a) Teachers</b>							
	<b>S.N.</b>	<b>Required as per MCI</b>	<b>Actual Faculty Strength</b>					
			<b>Male      Female      Total</b>					
	<b>I</b>	Professor	06      01      07					
	<b>II</b>	Associate Professor Reader	04      00      04					
	<b>III</b>	Assistant Professor Lecturer	12      00      12					
	<b>Sub Total( I to III)</b>		<b>22      01      23</b>					
	<b>IV</b>	Demonstrator	NA      NA      NA					
	<b>V</b>	Tutor	NA      NA      NA					
	<b>VI</b>	Senior Resident	07      00      07					
	<b>VII</b>	Junior Resident	15      06      21					
	<b>Sub Total (IV to VII)</b>		<b>22      06      28</b>					
	<b>Grant Total ( I to VII)</b>		<b>44      07      51</b>					
	<b>(b)</b>							
	<b>Qualification Profile of Teachers</b>		<b>M      F      Total</b>					
	<b>With P.G. Degree Only</b>		22      01      23					
	<b>With higher qualification MCh</b>		04      00      04					
	<b>Other Higher Qualification DNB Superspeciality, Fellowship</b>		03      00      03					
	<b>Teachers Pursuing Higher Degrees</b>		00      00      00					
11	<b>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</b>							
	<b>a) Faculty (as UG/PG teachers) (Internal):</b>							
	<b>Sr. No</b>	<b>Name of Teaching Staff</b>	<b>Designation</b>	<b>Qualification</b>	<b>Area of Specialization</b>	<b>Teaching Experience in Years</b>	<b>No. of PG Students</b>	
							<b>Guiding</b>	<b>Guided</b>
	1	Dr PK Baviskar	HOD & Prof	MS FIME	General Surgery	32YRS 3MTH	03	03
	2	Dr. MH Shaikh	Prof.	MS FIME	General Surgery	29YRS 6MTS	03	03
	3	Dr. Ravishanker	Prof.	MCh [Plastic]	Plastic Surgery	18YRS 6MTH	01	02



4	Dr HG Vyas	Prof.	MS	General Surgery Laparoscopic surgery	10YRS 6MTH	00	00
5	Dr. GJ Jorwekar	Prof.	MS FAIMER	General Surgery	14YRS 1MTH	02	01
6	Dr. DK Apturkar	Prof.	MS	General Surgery	16YRS 5MTH	02	01
7	Dr. Sonawane SR	Prof.	MS	General Surgery Oncosurgery	17YRS 3MTH	02	01
8	Dr. CV Shelke	Asso. Prof	MS	General Surgery	21YRS 3MTH	--	--
9	Dr. Anarase SS	Asso. Prof	MS	General Surgery	12YRS 9MTH	--	--
10	Dr. UO Paprunia	Asso. Prof	MS	General Surgery	11 YRS	--	--
11	Dr. AM Anchwale	Asso. Prof	MS	General Surgery	14YRS 11MTH	--	--
12	Dr. Gharpure VV	AP	MCh [Pediatric surgery]	Pediatric Surgery	27YRS 2MTH	--	--
13	Dr. Rahinj DN	AP	MS	General Surgery	11YRS 9MTH	--	--
14	Dr. Sadawarte NA	AP	DNB [Urology]	Urology	5YRS 10MTH	--	--
15	Dr. Gandhi NS	AP	MCh [Urology]	Urology	3YRS 5MTH	--	--
16	Dr. Jejurkar AS	AP	MCh [CVTS]	CVTS	2MTH	--	--
17	Dr. Hadke VY	AP	MS	General Surgery	3YRS 9MTH	--	--
18	Dr. Zaware SU	AP	MS	General Surgery	9YRS 4MTH	--	--
19	Dr. Mahajan SK	AP	MS	General Surgery	11YRS 9MTH	--	--
20	Dr Rasal AA	AP	DNB	General Surgery	10YRS 2MTH	--	--
21	Dr Khot TD	AP	MS	General Surgery	4YRS 8MTH	--	--
22	Dr Deshmukh AM	AP	MS	General	4YRS 6MTH	--	--



					Surgery				
23	Dr Bajpai PK	AP	MS Fellowship in Hepatobiliary Surgery	Hepato-biliary Surgery	3YRS 5MTH	--	--		
24	Dr. Bhangale Khilchand	AP	MS	General Surgery	5 YRS	--	--		
25	Dr. Sahu AJ	SR	MBBS	General surgery	3 YRS	--	--		
26	Dr. P More	SR	MS	General Surgery	4 YRS	--	--		
27	Dr. Deore SK	SR	DNB	General Surgery	4 YRS	--	--		
28	Dr. Badhe KR	SR	DNB	General Surgery	4 YRS	--	--		
29	Dr. Pawar S	SR	MS	General Surgery	3 YRS	--	--		
30	Dr. Shah AP	SR	MS	General Surgery	4 YRS	--	--		
<b>12</b>	<b>List of senior Visiting Fellows, adjunct faculty, emeritus professors : (as on this day)</b>								
	Sr. No	Name of the Faculty and their nature of involvement	Qualification	Designation and Affiliation	Area of Specialization	Experience in years			
	1	Dr Suresh Joshi	MCh	Pediatric cardiac surgeon	CVTS	35 YRS			
<b>13</b>	<b>Percentage of classes taken by temporary faculty programme wise information</b>						:	Nil	
<b>14</b>	<b>Programme wise Teacher Student Ratio</b>			:	<b>Teacher Student Ratio</b>				
	<b>Programme</b>								
	<b>UG</b>				<b>11.53</b>				
	<b>PG</b>				<b>2.16</b>				
	<b>Ph.D.</b>				NA				
<b>15</b>	<b>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</b>								
	Sr. No.	Staff	Name of the Post	Required as per statutory Bodies	Filled / Actual				
					M	F	Total		
	1	Administrative	Clerk, steno	03	03	00			
	2	Technical	Lab assistant	04	04	00			
	3	Support	Attendant	04	03	01			
		Total		11	10	01		<b>11</b>	
<b>16</b>	<b>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</b>								
	<ul style="list-style-type: none"> <li>• Urolithiasis</li> <li>• Cancer</li> <li>• Trauma</li> <li>• Hernia repairs at low cost</li> </ul>								



	<ul style="list-style-type: none"> <li>Chronic ulcers of lower limb</li> <li>Diabetic foot</li> </ul>						
17	<p><i>Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise : (For the last 5 Years)</i></p> <p><i>i) 15 No. of faculty of the department are involved in 14 No. of Research projects</i></p> <p style="text-align: center;"><i>Abstract of projects</i></p>						
	<b>No. Project Funded by</b>	No. of ongoing projects (a)	No. Completed Projects (b)	Total Projects (a+b)	Funds received in lakhs Total		
					For (a)	For (b)	For a+ b
	<b>National agenesis/College/University</b>	02	01		9260276.178/-	2734987/-	RS. 11995263.678/-
	<b>University and Dept.</b>	00	14	14	--	36000/-	36000/-
<p><i>The details of projects are as follows:</i></p> <p><i>a) Ongoing Projects of Faculty (as on this day)</i></p>							
<b>Sr. No.</b>	PI, Co-PI and Project Title						
1	PI: Dr. SR Sonawane A randomized double blind placebo controlled study to evaluate the long term safety and efficacy of darbepoetin alfa administered at 500mcg once every 3 weeks in anaemic subjects with advanced stage non small cell lung CA receiving multicycle chemotherapy						
2	PI: Dr. SR Sonawane A randomized double blind placebo controlled multi center phase 3 study of denosumab as adjuvant treatment for women with early stage breast cancer at high risk of recurrence						
<p><i>b) Completed Projects of the faculty ( last 5 Years)- All Sponsored by PIMS-DU</i></p>							
<b>Sr. No.</b>	PI, Co-PI and Project Title					Grant Received in Rs.	
1.	PI: Dr. MH Shaikh Assessment of Clinical Examination Skills in Surgical Postgraduate Residents in Surgical O.P.D. in Rural Medical College					6000/-	
2.	PI: Dr. DK Apturkar Inclination of medical undergraduate students towards medical teacher as career					6000/-	
3	PI: Dr. KN Dandekar Use of "One Minute Preceptor" in Surgery OPD PD in Rural Medical College					6000/-	
4	PI: Dr. GJ Jorwekar Picture archiving and communication system: A clinician's perspective about filmless imaging					6000/-	
5	PI: Dr. GJ Jorwekar Training of Intern Doctors with Interpersonal communication [IPC]: A step towards better doctor patient relationship					6000/-	
6	PI: Dr. DK Apturkar Impact of SNAPPS on clinical reasoning skills of surgery residents					6000/-	



		in out- patient setting	
7	PI: Dr. SR Sonawane	A randomized multicenter open label phase 3 study to compare the efficacy of panitumumab and cefuximab in subjects with previously treated wild type k-ras metastatic colorectal cancer	2668987/-
8	PI: Dr. PK Baviskar	Use of clinical photographs as learning aid during clinical posting for UG students	--
9	PI: Dr. MH Shaikh	Impact Of Aggressive Surgical Intervention In Fournier's Gangrene And Its Correlation To The Outcome In Patients At Rural Hospital	--
10	PI: Dr. MH SHAIKH	Highlighting the role of nonsurgical (conservative) method in the management of complete rectal prolapse in an Indian male	--
11	PI: Dr. MH Shaikh	Meckels diverticulum six case reports our experience and review of literature	--
12	PI: Dr. PK Baviskar	Epidemiological study of hospitalized burn patients in rural area	--
13	PI: Dr. MH Shaikh	Use of Direct Observation of Procedural Skills (DOPS) as an Evaluation Tool for Workplace Based Teaching among the Postgraduate Students in the Rural Hospital, Loni	--
14	PI: Dr. PK Baviskar	Road Traffic Accidents: Throwing care and caution to the Wind!	--
<b>18.</b>	<b><i>Inter- institutional collaborative projects of faculty &amp; associated grants received (including clinical trials) excluding those included a Sr. No.16) (For the last 5 Years) (as on this day)</i></b>		
<b>19</b>	<b><i>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)</i></b>		
	<b>Research Projects under taken by</b>	<b>Data as given under sl. No. of DER</b>	<b>Total Proj ects</b>
			<b>On goin g</b>
			<b>Com plete d</b>
			<b>Amount Received</b>
			<b>On</b>
			<b>Completed</b>
			<b>Total Rs Lakhs</b>
(a)	The faculty Funded by Department or University	17	14
(b)	Inter-Institution / Industry Projects (collaborate) including clinical trials	18	03
(c)	UG student STS ICMR Projects	28	04
(d)	PG Research /Disserations	28	40
(e)	Research Projects of faculty Funded by National agensis	17	00
(f)	Research Projects funded by international agensis	17	00
	<b>Total</b>		<b>61</b>
			<b>23</b>
			<b>38</b>
			<b>RS.119952</b>
			<b>63.678/-</b>
			<b>120</b>





20.	<i>(a) Research Facility / Center and recognition by state / National / International agencies.(as on this day)</i>	<ul style="list-style-type: none"> <li>• Dedicated research cell</li> <li>• Central research lab</li> <li>• Animal lab</li> <li>• Centre for clinical trial</li> <li>• University grants for innovative research</li> <li>• Best publication chancellor's rolling trophy</li> <li>• Student research grants</li> </ul>						
	<i>In the department (Details of facilities in brief)</i>	<ul style="list-style-type: none"> <li>• Dedicated faculty guides versed in research</li> <li>• Ample clinical cases and clinical material</li> <li>• Department library with national and international journals</li> </ul>						
	<i>In other department (Details of facilities by the department) used by us.</i>							
	<i>In other college ( Details of facilities used by us)</i>	<ul style="list-style-type: none"> <li>• Central library with books and journals</li> <li>• Free wifi</li> <li>• Central research lab</li> <li>• Animal lab</li> </ul>						
	<i>At central level ( Details of facilities used by us)</i>	<ul style="list-style-type: none"> <li>• Molecular biology laboratory</li> </ul>						
21.	<i>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization of any.</i>	--						
22.	<i>Publication data of last 5 years</i> <i>Publications in peer reviews journals and conference proceeding (ISSN)</i>	<ul style="list-style-type: none"> <li>• National: 02</li> <li>• International:16</li> <li>• Other:13</li> <li>• Total: 31</li> </ul>						
	<i>Publication in Non-Peer reviewed Journals / conference proceeding )</i>	Nil						
	<i>No. of Monographs (ISBN/NON ISBN)</i>	:		:		:		6
	<i>No. of Books Published (ISBN/NON ISBN)</i>	:		:		:		Nil
	<i>No. of Edited Books (ISBN/NON ISBN)</i>	:		:		:		
	<i>No. of chapters in Books with details of publishers (ISBN/NON ISBN)</i>	:		:		:		
	<i>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.)</i>	31						
	<i>Research publication included and listed in international database are 16 Out of total publication.- Details given in Criteria III and Emerge Data</i>							
	<i>No. of Citation Index – range / average</i>	:		:		:		IJBAR-84
	<i>SNIP</i>	:		:		:		IJMRHS- 114 IJOS-0.127
	<i>SJR</i>	:		:		:		IJOS-0.114
	<i>Impact Factor- range/average</i>	:		:		:		IJBAR- .814 IJOS- .260 IJMRHS- .2
	<i>h-index</i>	:		:		:		IJOS- 09 IJMRHS- 05
23.	<i>Details of patents filed / granted and income generated (5 Years data)</i>	:		:		:		Nil
24.	<i>Areas of consultancy and income generated(5 Years data)</i>	:		:		:		<ul style="list-style-type: none"> <li>• Guest lectures</li> <li>• MEU resource faculty [Four</li> </ul>



				faculty members are member of MEU, RMC, PIMS [DU]		
25	<b>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data)</b>					
	<i>Total</i>	<i>Inter-national</i>	<i>National</i>	<i>State</i>	<i>Others</i>	
	23	01	02	04	16	
	-----No. of faculty were selected to visit L/I/I in India and abroad. (Laboratories, Institutions, Industries)The details are as follows :					
	Sr. No.	Name of the Faculty	Visiting Institution / Laboratory / Industry, Name of place and Nation	Year of Visit	Purpose of Visit	
	1	Dr. Ravishanker	University of oregano, US	2014	Guest lecture	
	2	Dr PK Baviskar	IMA, Ahmednagar	2015	Guest lecture	
	3	Dr GJ Jorwekar	Berkley Simulation laboratory	2016	Visit to lab	
	4	Dr MH Shaikh	Siddhakala Ayurved Mahavidyalaya, Sangamner	2015	MEU faculty	
	5	Dr GJ Jorwekar	ACPM Medical College, Dhule	2015	MEU Faculty	
26.	<b>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data)</b>					
	<i>Total no. of faculty</i>	<i>Inter-national level</i>	<i>National Level</i>	<i>State Level</i>	<i>Others</i>	<i>Total</i>
	13	00	01	03	09	13
	<i>No.</i>	<i>Name of the faculty</i>	<i>Member</i>			
	1	Dr PK Baviskar	Life Member of Association of Agricultural Medicine and Rural Health in India			
	2	Dr SR Sonawane	Certified MMC Observer by Maharashtra medical council			
	3	Dr GJ Jorwekar	Certificate awarded by Harvard University for successful completion of online learning PH207x: Health in numbers :Quantitative methods in clinical public health research February 2013			
	4	Dr. Amit Karad	Recommended for Masters of surgical sciences from university of Edinburg and Royal college of surgeons, Edinburg September 2014-September 2017			
	5	Dr. AN Anchwale	President, Ahmednagar Surgical Society			
	6	Dr P K Baviskar	FIME by GSMC, Mumbai 2015			
	7	Dr. Mrs. M H Shaikh	FIME by GSMC, Mumbai 2014			
	8	Dr. G J Jorwekar	FAIMER by CMCL FAIMER, Ludhiana 2016			
	<b>(a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data)</b>					
		<i>Total No. of Faculty</i>	<i>Inter-National level</i>	<i>National level</i>	<i>State level</i>	<i>Others level</i>
	<i>Fellowship</i>	04	01	03	00	00
	<i>Membership</i>	11	00	01	00	10
	<i>Honor</i>	16	03	02	10	01
	<i>Any other</i>	05	00	00	05	00
	<b>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data)</b>					
		<i>Total</i>	<i>Inter-National Level</i>	<i>National Level</i>	<i>State Level</i>	<i>Others level</i>
	<i>Peer Reviewer</i>	03	02	--	01	--
	• Dr G J Jorwekar and Dr D K Apturkar, faculty members, are REVIEWERS of International					



	Journal of Advanced Biomedical Research [IJBAR] and Dr G J Jorwekar is also REVIEWER of DYPMU Journal									
<b>27.</b>	<b>Faculty recharging strategies (UGC, ASC/ MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)</b>									
	Sr. No.	Type of the Programme	No. of FDPs participated				Total			
			College Level	State / University Level	National Level	International Level				
	1	Orientation/Refresher/MET/CME	4	12	3	00	19			
	2	Workshop/Seminar/Symposium/conferences	34	20	6	7	67			
	3	FDPs (guest lecture, training, CM, CPC, etc.)	63	--	--	--	63			
	<ul style="list-style-type: none"> <li>FDPs include Basic and Advanced training in medical education and health technology, Fellow in medical education [FIME], Foundation of advancement in International medical education and research [FAIMER], Training in BLS ACLS by AHA</li> </ul>									
<b>28.</b>	<b>Students Projects:</b> The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)									
	Sr. No.	UG Projects (Including ICMR, STS)			PG Projects			PG Dissertations		
		Ongoing	Completed	Total	Ongoing	Completed	Total	Ongoing	Completed	Total
	1		3	4	12	00	12	08	20	28
	<i>Percentage of students who have done in house projects including inter departmental project</i>				:	100				
	<i>Percentage of students doing projects in collaboration with other universities/industry/institute</i>				:	--				
	<i>Details of PG dissertations are given in the annexure</i>				:	YES				
<b>29.</b>	<b>a) Research Awards/recognitions received at the national and international level (5 Years data)</b>									
	Sr. No.	Received by		No. of Awards			Recognitions			
		International	National	State/ Univ.	Total	International	National	State/	Total	
	1	Faculty	02	03	--	05	02	05	21	<b>28</b>
	2	Student UG	Nil							
	3	Student PG / Ph.D	01	01	06	08	01	00	01	<b>02</b>
		Total	<b>03</b>	<b>04</b>	<b>06</b>	<b>13</b>	<b>03</b>	<b>05</b>	<b>22</b>	<b>30</b>
	<b>b) General awards of faculty and students (other than Research, for teaching extension, social service) (i) For Academic (Teaching) service for faculty (5 Years data)</b>									
	Total	Inter-national	National	State	Others					
	Nil									



	<i>(ii) General Awards to Faculties &amp; Student for Social service / Extension activities. (5 Years data) :</i> Nil					
<b>30. a)</b>	<i>Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data)</i>					
	<ul style="list-style-type: none"> <li>Workshop was organized by the department on 'SURGICAL ASEPSIS' on 30/01/2016 in which 100 intern doctors and 10 resource persons have participated and training was given on surgical asepsis</li> </ul>					
	<b>1) Publication of Abstract of the S/S/C/W</b> <b>2) Publication of peer reviewed ISSN/ISBN numbered / proceedings of S/S/C/W</b> <ul style="list-style-type: none"> <li><b>PRAVARA MEDICAL REVIEW</b> published in printed version monthly by the university ISSN No. Indexed in index medicus, INDEX COPERNICUS, PEER REVIEWD</li> </ul>					
<b>b)</b>	<i>Note : Reports on details of S/S/C/W and External Resource person, delegates attended and Proceedings etc. are given in the annexure in the following format</i>					
	<ul style="list-style-type: none"> <li>Head of department of surgery Dr P K Baviskar visited and helped to set up department of surgery at PDVVP Medical college, Ahmednagar</li> </ul>					
<b>31.</b>	<i>Code of ethics for research followed by the departments</i>	:	As per IEC, PIMS [DU] ICMR 2016			
<b>32.</b>	<i>Student Profile programme-wise</i>	:				
	<b>a) PG Programme Name of the Programme :</b>					
	Academic Year	No. of Application Received for PG CET		CET Pass %	No of Students Selected through CET	
					M	F T
	2011-12	513	73.90	49	11	60
	2012-13	382	76.83	47	18	65
	2013-14	321	73.40	38	22	60
	2014-15	408	79.94	45	19	64
	2015-16	371	80.05	40	21	61
	No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year					
	Academic Year of Outgoing batch	No. of Students			% of Pass student with	
		Appeared	Pass	Pass %	I <sup>st</sup> Class	I <sup>st</sup> Class with Distinction
	2010-11	04	03	75	25	--
	2011-12	02	02	100	--	--
	2012-13	04	04	100	--	--
	2013-14	04	04	100	25	--
	2014-15	03	03	100	33	--
	2015-16	05	05	100		
	<b>b) UG Students Name of the subject and course</b>					
	Academic Year	No. of Application Received		CET Pass %	No of Students Selected for UG Course	
					M	F T
	2011-12	2257	68.42	54	71	125
	2012-13	3568	66.85	56	69	125



	2013-14	2913	70.21	66	58	125	
	2014-15	2496	65.76	53	72	125	
	2015-16	2278	64.09	61	64	125	
<b>Results of University examination for the subject taught by the Department (Eg. Anatomy, Physiology etc.)</b>							
Name of the Subject	Academic Year (For Outgoing Batch)		Total Students Appeared	No of Students passed	Pass % of Dept. Subject	% of I <sup>st</sup> Class	% of I <sup>st</sup> Class with Distinction
General Surgery	2010	2011	115	101	87	74	--
	2011	2012	120	101	84	58	--
	2012	2013	94	94	100	77	--
	2013	2014	119	104	87	51	--
	2014	2015	126	125	99.2	52	--
	2015	2016	119	118	99.15	84	--
<b>Note- Give Results only for Regular Batch.</b>							
<b>33.</b>	<b>Diversity of Students : a) PG Programme</b>						
Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries		
MS [General surgery]	2011	02/50	2/50	01/25	00		
	2012	03/75	01/25	00	00		
	2013	00	03/75	01/25	00		
	2014	00	03/75	01/25	00		
	2015	00	03/75	01/25	00		
	2015-16	00	01/25	03/75	00		
<b>b) UG Programme</b>							
Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries		
MBBS	2011	--	110	15	--		
	2012	--	115	10	--		
	2013	--	100	25	--		
	2014	--	74	51	--		
	2015	--	83	42	--		
<b>34</b>	<b>How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.)</b>						
	<ul style="list-style-type: none"> <li>• Empirical data</li> <li>• ECFMG/EICS: 104 [Educational commission for foreign medical graduates/International credential services]</li> <li>• USMLE:5%</li> <li>• PG CET:40%</li> <li>• Defence:5%</li> </ul>						





	<ul style="list-style-type: none"> <li>IAS/IPS:1%</li> </ul>	
35.	<b>Student progression:</b>	: <b>Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)</b>
	Student Progression	% against enrolled
	I UG – PG Studies	05%
	PG – SS	50%
	PG – Ph. D.	--
	UG to employment	Campus selection – off Campus selection
	PG to employment	Campus selection – off Campus selection 50%
	UG / PG to Entrepreneur	--
36.	<b>Diversity of Staff as on this day</b>	
	<b>Number and % Diversity of Staff ( as on this day ) belonging to</b>	<b>% Staff who have obtained PG Degree from</b>
	Same State/UT 26/ 86.66%	Parent University 06 /20%
	Outside State/UT 0 3/10 %	Other Universities of the State 18/60%
	Other States 1/3.33%	Other State University 06/20%
	Other Countries NA	Other Countries NA
37	<b>Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) :</b> <ul style="list-style-type: none"> <li>Dr Nilesh Sadawarte has been awarded with DNB Urology [SUPERSPECILITY]</li> </ul>	
38.	<b>Present details of departmental infrastructural facilities with regard to :</b>	
	<b>A) Infrastructural facility (Common to all departments)</b>	
	<b>a) Library (dept): No. of Collections Book/Journal/ Project Report</b> <i>Central Library books and Journal belonging to our department (both print and e mode)</i>	: <ul style="list-style-type: none"> <li>Central library: 830</li> <li>Printed journals: 6</li> <li>e-journals: 20</li> <li>Department library: 116</li> </ul>
	<b>b) Internet facilities for staff and students</b>	: <ul style="list-style-type: none"> <li>Wi-Fi 24X7</li> <li>Internet/Intranet</li> <li>OPAQ</li> </ul>
	<b>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive &amp; Inclusive)</b>	: <ul style="list-style-type: none"> <li>Class Rooms: 3</li> <li>Demo Rooms: 9</li> <li>Seminar Halls: 1</li> <li>Auditorium: 3</li> <li>Other s</li> </ul>
	<b>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive)</b>	: 03
	<b>e) Students laboratories at the Department</b>	: 01
	<b>f) Research Laboratories of the Dept.</b>	: 01
	<b>g) Museum at the Department and no. of specimen, charts, Modules etc.</b>	: <ul style="list-style-type: none"> <li>Specimens: 100</li> <li>Scenarios: 71</li> <li>Charts: 4</li> <li>History of Surgery: 22</li> <li>Rare cases photographs: 46</li> <li>Trainers: 1</li> <li>X-rays: 100</li> <li>Instruments: 6 Boxes</li> </ul>
	<b>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)</b>	: <ul style="list-style-type: none"> <li>PCNL</li> <li>Laparoscopy</li> <li>Cystoscopy</li> <li>Ureteroscopy</li> <li>Lithotripsy</li> </ul>



				• CPB						
<b>B) Clinical learning resource data (as submitted to MCI / DCI / INC / Others / UGC)</b>										
<b>(a) Beds</b>	<b>(b) Units</b>	<b>(c) Special Clinics</b>	<b>(d) ICUs</b>	<b>(e) Wards</b>	<b>(f) OTs</b>					
210	7	9	1	7	15[3+1]					
<b>(g) OPD Patients / day (Average)</b>		<b>(h) IPD Patients / day (Average)</b>		<b>(i) Operation / day</b>						
				<b>Major</b>	<b>Minor</b>					
255		35		11	36					
				<b>OPD</b>						
				408 Combined						
<b>(k) Patient's Feedback</b>		<b>(l) GHP / GLP / SOPs</b>		<b>(m) Submission of Compliance /Follow-up Reports to National /State Agencies</b>						
Taken regularly		SOPs available		Complete as per norms of MCI						
<b>C) Para clinical learning resource (CCL Radiology &amp; Departmental Diagnostic Lab) Data &amp; Report : Details on Sophisticated diagnostic equipments and facilities , No. of diagnostic tests (Average per day and annual)</b>										
Pathology:										
<ul style="list-style-type: none"> <li>• Pneumatic shoot</li> <li>• Component lab</li> <li>• Online pathology services</li> </ul>										
Radiology:										
<ul style="list-style-type: none"> <li>• 4D USG</li> <li>• 64 Slice CT Scan</li> <li>• MRI</li> <li>• DSA</li> <li>• Mammography</li> </ul>										
<b>D) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well</b>			:	Pathology, microbiology, radiology, biotechnology, radiotherapy						
<b>39.</b>	<b>No. of doctoral post- doctoral students and Research Associates / PDF working</b>			:						
	From	Doctoral Student	PDF	RA	Others	Total				
	Nil									
	Number of Research Pdf/RA receiving fellowship from central agency / University-----									
	No. of Ph.D. Awarded by the Dept during last 5 years: Nil									
<b>40</b>	<b>(a) Number of students getting financial assistance from the university</b>									
	<b>PG and Ph.D. Students getting assistance from the University</b>									
Sr. No	Type of Scholarship form	PG/ Ph.D	Academic Year						Total No. of Students	Total Amount received from students
			10-11	11-12	12-13	13-14	14-15	15-16		
1	Central Gov	--	--	--	--	--	--	--	--	--
2	State Gov	--	20	21	21	17	21	19	119	Rs. 19,75,000/-
3	Other Agencies	--	--	--	--	--	--	--	--	--



	4	Parent university	--	15	05	07	04	02	03	33	Rs. 2,03,72,500/-																																																				
	5	Total	--	35	26	28	21	23	22	152	Rs. 22372500/-																																																				
	<ul style="list-style-type: none"> <li>Postgraduate students of all specialities are paid Stipend of Rs. 42000/Month by the University</li> </ul>																																																														
41.	<p><i>Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :</i></p> <ul style="list-style-type: none"> <li>Yes, needs assessment is routinely carried out as an initial step of curriculum implementation or change through survey</li> </ul>																																																														
42.	<p><i>Does the department obtain feedback from</i></p> <table border="1"> <thead> <tr> <th>Sr.No.</th> <th>From</th> <th>Yes/No</th> <th>Feedback Manual / Digital</th> <th>How the feedback analysis is used for improvement</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Student</td> <td>Yes</td> <td>Digital</td> <td rowspan="3">Analysis of data is used for improvement in present TL, assessment, examinations etc</td> </tr> <tr> <td>2</td> <td>Faculty</td> <td>Yes</td> <td>Digital</td> </tr> <tr> <td>3</td> <td>Alumni / Parents/ Employer</td> <td>Yes</td> <td>Digital</td> </tr> </tbody> </table>											Sr.No.	From	Yes/No	Feedback Manual / Digital	How the feedback analysis is used for improvement	1	Student	Yes	Digital	Analysis of data is used for improvement in present TL, assessment, examinations etc	2	Faculty	Yes	Digital	3	Alumni / Parents/ Employer	Yes	Digital																																		
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43.	<p><i>List the distinguished alumni of the department (Maximum 10) ( UG student or PG Student belonging to the subject)</i> : Name and designation with address</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Name &amp; Designation</th> <th>Details at the PIMS University &amp; Year</th> <th>Place of work of alumni</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Dr. Vaibhav Kapoor</td> <td>2010-13</td> <td>Delhi pursuing fellowship in GI Surgery</td> </tr> <tr> <td>2</td> <td>Dr. Ketan Borule</td> <td>2010-13</td> <td>Delhi pursuing MCh Neurosurgery</td> </tr> <tr> <td>3</td> <td>Dr. Tanmay Bhavthankar</td> <td>2011-14</td> <td>Hyderabad pursuing MCh Neurosurgery</td> </tr> <tr> <td>4</td> <td>Dr. Awes Syed</td> <td>2012-15</td> <td>Hyderabad Pursuing MCh Urology</td> </tr> <tr> <td>5</td> <td>Dr Sagar Kotalwar</td> <td>2012-15</td> <td>Hyderabad, Consultant Apollo Hospital</td> </tr> <tr> <td>6</td> <td>Dr. Ashay Shah</td> <td>2009-12</td> <td>RMC, Loni as Assistant Professor</td> </tr> <tr> <td>7</td> <td>Dr Shantanu Pawar</td> <td>2011-14</td> <td>RMC, Loni as assistant professor</td> </tr> <tr> <td>8</td> <td>Dr Kishor Gadhawe</td> <td>2010-13</td> <td>Nashik as assistant professor in SMBT Institute</td> </tr> <tr> <td>9</td> <td>Dr Khilchand Bhangale</td> <td>2011-14</td> <td>Assistant professor, RMC, Loni</td> </tr> <tr> <td>10</td> <td>Dr Punit Singh</td> <td>2012-15</td> <td>National institute of medical sciences, Jaipur pursuing MCh Urology</td> </tr> <tr> <td>11</td> <td>Dr Swapnil Kadam</td> <td>2011-14</td> <td>Pursuing Urology, KLE, Karnataka</td> </tr> <tr> <td>12</td> <td>Dr. Kashish Sharma</td> <td>2013-16</td> <td>Pursuing Urology, NIMS, Jaipur</td> </tr> </tbody> </table>											Sr. No.	Name & Designation	Details at the PIMS University & Year	Place of work of alumni	1	Dr. Vaibhav Kapoor	2010-13	Delhi pursuing fellowship in GI Surgery	2	Dr. Ketan Borule	2010-13	Delhi pursuing MCh Neurosurgery	3	Dr. Tanmay Bhavthankar	2011-14	Hyderabad pursuing MCh Neurosurgery	4	Dr. Awes Syed	2012-15	Hyderabad Pursuing MCh Urology	5	Dr Sagar Kotalwar	2012-15	Hyderabad, Consultant Apollo Hospital	6	Dr. Ashay Shah	2009-12	RMC, Loni as Assistant Professor	7	Dr Shantanu Pawar	2011-14	RMC, Loni as assistant professor	8	Dr Kishor Gadhawe	2010-13	Nashik as assistant professor in SMBT Institute	9	Dr Khilchand Bhangale	2011-14	Assistant professor, RMC, Loni	10	Dr Punit Singh	2012-15	National institute of medical sciences, Jaipur pursuing MCh Urology	11	Dr Swapnil Kadam	2011-14	Pursuing Urology, KLE, Karnataka	12	Dr. Kashish Sharma	2013-16	Pursuing Urology, NIMS, Jaipur
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44.	<p><i>Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</i></p> <p><b>The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under</b></p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Event (SEP) UG + PG</th> <th>No. Events</th> <th colspan="2">No. of Prominent</th> </tr> <tr> <th></th> <th></th> <th></th> <th>External Experts</th> <th>Internal Experts</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Guest lecture</td> <td>63</td> <td>63</td> <td>--</td> </tr> <tr> <td>2</td> <td>Endotraining in</td> <td>02</td> <td>Ethicon, Mumbai</td> <td>--</td> </tr> </tbody> </table>											Sr. No.	Event (SEP) UG + PG	No. Events	No. of Prominent					External Experts	Internal Experts	1	Guest lecture	63	63	--	2	Endotraining in	02	Ethicon, Mumbai	--																																
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	MIS				
3	Workshop	01	--	10	
(Details given in annexure)					
45.	<b>a) List the teaching methods adopted by the faculty for different programmes:</b>				
	Item	Activity			
	Traditional	<ul style="list-style-type: none"> <li>Didactic lecture, bed-side teaching, tutorials, demonstration, group discussion, case presentations, journal club, seminar, OMP, DOPS, SNAPPS</li> </ul>			
	Blended	<ul style="list-style-type: none"> <li>Lectures using powerpoint, video demonstrations during lectures, operation and procedure videos during tutorials</li> </ul>			
	ICT enabled	<ul style="list-style-type: none"> <li>Web based learning, smart board, smart classroom</li> </ul>			
	Learner centric approach	<ul style="list-style-type: none"> <li>Self directed learning, student centered curriculum, hands on training for surgical procedures</li> </ul>			
	Scholarly activities	<ul style="list-style-type: none"> <li>Community visits, guest lectures, Namaskar doctor program, Multi diagnostic camps, Radio-talk</li> </ul>			
	A: Traditional B: Blended C: ICT enabled D: Learning Centric Approach E: Beyond Curriculum Scholarly activities.				
46.	<b>b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling, )</b>				
	<ul style="list-style-type: none"> <li>Mentor and mentee program for undergraduate students</li> <li>Bridge and remedial program for academically poor students</li> <li>Counseling unit</li> <li>Grievance cell</li> <li>Orientation workshop for internship doing students</li> <li>Research workshop for newly admitted post graduate students</li> <li>Orientation program for newly admitted post graduate students</li> </ul>				
46.	<b>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?</b>				
	<ul style="list-style-type: none"> <li>Feedback taken from the students and faculties</li> </ul>				
47.	<b>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive)</b>				
	<b>o) Involvement of student and faculty in various type of extension activity organized by the dept.</b>				
	Sr. No.	No. of Camps/Workshops/ Surveys/Training/Rallies/Lectures/ Celebrations/ any other events.	Academic Year	No. of Beneficiaries	
	1	More than 40 MDCs	Since 2011	Total patients examined: 5847	
	<b>p) Our faculty is involved extension in health awareness programs organized by the college / University through lectures, rally, camps/ training. as HR / Contributions</b>				
	Sr.No.	Programme	Venue	Topic	Date
	1	Radio talk	Community radio centre, PIRENCE, Babhaleshwar	'Diseases of Prostate'	25/10/2015
	2	Hello doctor [Radio talk] on	at KVK(90.3MHz), Babhaleshwar	'Diseases of stomach'	12 <sup>th</sup> October 2011
	3	Hello doctor [Radio talk] on at	KVK(90.3MHz), Babhaleshwar	'Hernia'	4 <sup>th</sup> January 2012
	4	Panel discussion on	Ahmednagar FM (100.1mhz)	cancer care & prevention [Lokjagar]	04/02/2012 6pm to 6.30pm
5	Namaskar doctor program under	Rural telehealth project PIMS[DU]	Participation in the program on 'Piles: Prevention and Cure'	28 <sup>th</sup> July 2015	



	6	Namaskar doctor program	under Rural telehealth project	'Pain in abdomen: Causes and Treatment'	2 <sup>nd</sup> June 2015
	7	Namaskar doctor program	under Rural telehealth project	Participation in the program on 'Kidney Stone'	22 <sup>nd</sup> September 2015
	8	Live video conference held in	Rural Telehealth project	Topic: Diabetic foot	on 23 <sup>rd</sup> August 2011
	9	Live video conference held on	in Rural Telehealth project	Topic: Piles, fissure: Information and treatment	23 <sup>rd</sup> April 2013
<b>48.</b>	<b>Give details of "beyond syllabus scholarly activities" of the department :</b>				
	<ul style="list-style-type: none"> <li>• Guest lecturers by institution: 23</li> <li>• Guest lectures by department: 40</li> <li>• Multi diagnostic camps: 39 more than 6000 patients examined</li> <li>• Namaskar doctor: 9</li> </ul>				
<b>49.</b>	<b>State whether the program / department is accredited / graded by other agencies? If yes, give detail</b>				
<b>50.</b>	<p><b>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied ( based on published research articles, paper, projects, books, Patents etc.</b></p> <p><b>b) Salient and unique feature of Department:</b></p> <ul style="list-style-type: none"> <li>• Urban amenities in rural setup</li> <li>• State of art modular OTs with more than 11000 surgeries last 5 years</li> <li>• Filmless radiology [PACS] saving cost of film printing and preserving the record</li> <li>• <b>A grade in RGJAY</b> Total 268 cases have been operated and got sanctioned since July 2014: General surgery 103, plastic surgery 13, cardiac 3, neurosurgery 1, pediatric surgery 4, genitourinary 17 and burns 127</li> </ul> <p><b>q) Innovation of the Department:</b></p> <ul style="list-style-type: none"> <li>• TL methods like OMP, SNAPPS, Reflective learning</li> <li>• Comprehensive cancer care</li> <li>• Patient safety checklist</li> </ul> <p><b>r) Best practice of the Department:</b></p> <ul style="list-style-type: none"> <li>• Trauma care with dedicated trauma team and ITU</li> <li>• Minimal invasive surgery like Laparoscopy</li> <li>• Cancer surgery with reconstructive and palliative therapies</li> </ul> <p>(Based on academic programmes, research, Teaching-Learning, Evaluation, Extension, consultancy, collaboration, welfare, governance, quality, enrichment awareness, publication etc.)</p>				
<b>51.</b>	<p><b>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department: (Important or major ones) in bullet form.</b></p> <p><b>SWOC</b></p> <p><b>Strength:</b></p> <ul style="list-style-type: none"> <li>• Community support [Rural cancer center]</li> <li>• Faculty trained in MET [4 faculties trained in medical education technology]</li> <li>• Student and alumni support pursuing higher specialities</li> <li>• State of art hospital recognized 'A' grade in RGJAY</li> <li>• Diverse clinical material [Superspeciality services]</li> </ul> <p><b>Weakness:</b></p> <ul style="list-style-type: none"> <li>• Research equivalent to global standards</li> <li>• Scholarships and patents</li> <li>• Department self efficient in financial requirement</li> <li>• Less number of workshops/CME</li> <li>• Publications in PUBMED journals</li> </ul>				



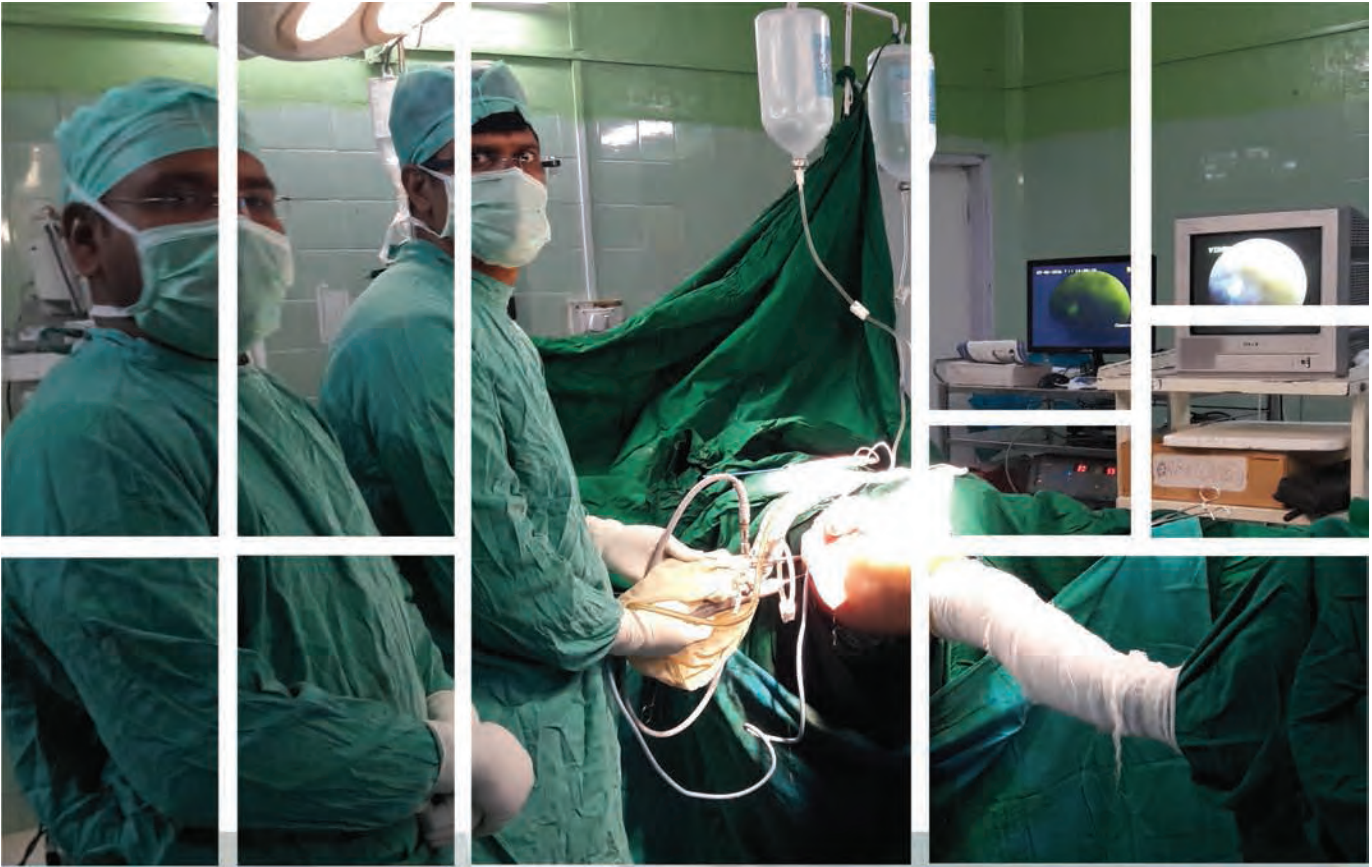


	<p><b>Opportunities:</b></p> <ul style="list-style-type: none"> <li>● Centre for MIS/MAS</li> <li>● Organize more workshops/CME</li> <li>● Endoscopy services</li> <li>● More sub speciality services</li> <li>● Innovative TL methods</li> </ul> <p><b>Challenges:</b></p> <ul style="list-style-type: none"> <li>● Retaining trained faculties</li> <li>● Super speciality services at lower cost</li> <li>● Establishing day care center</li> <li>● Prevention and awareness programs</li> <li>● Clinical trial center</li> <li>●</li> </ul>
52.	<p><b>Future Plan:</b></p> <ul style="list-style-type: none"> <li>● Start superspeciality in plastic surgery, urology</li> <li>● Implementation of innovative educational teaching learning methods</li> <li>● 360 degree evaluation with more objectivity</li> <li>● Work place based assessment</li> <li>● Promote more faculty members to undergo faculty development programs like FAIMER FIME</li> <li>● High Fidelity Simulation lab in MIS and MAS</li> <li>● State of art endoscopy clinic</li> <li>● Dedicated trauma care unit</li> <li>● Establish departmental alumni association</li> <li>● Student support</li> <li>● Awareness and promotion of publication in PUBMED journals</li> <li>● Establish Day care surgery centre</li> <li>● E-learning and online learning resource service</li> </ul>

---Sd/---  
**Name & Signature**  
**(Head of the Dept.)**

---Sd/---  
**Name & Signature**  
**Dean of the College**





## Department of Orthopaedics



**Rural Medical College**  
**Pravara Institute of Medical Sciences**  
**(Deemed University)**





**Pravara Institute of Medical Sciences  
(Deemed University)  
Institution: Rural Medical College, Loni  
Departmental Evaluative Report  
Based on the date of 5 years : 2010-11 to 2015-16**

1.	<i>Name of the Department</i>						:	<b>ORTHOPEDICS</b>					
2.	<i>Year of establishment</i>						:	1984					
3.	<i>Is the Department part of a School/Faculty of the university?</i>						:	Yes, Rural Medical college, PIMS (DU) Loni.					
4.	<i>a) Names of programmes offered</i>						:	<b>As on this day</b>					
	<b>Prog.</b>	<b>Name of the Prog. Year of Establishment</b>	<b>Year of Establishment</b>	<b>Intake per year</b>	<b>Fresh enrollment for academic year</b>	<b>Current Total Student Strength of the Dept. (of all year I,II,III etc</b>							
	UG	MBBS	1984	125	95 ( Students appearing for exam IV semester)	357							
	PG	MS Ortho	1991	5	5	15							
	P.G. Diploma	D. Ortho	1991	2	2	5							
	<i>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</i>												
		<b>Name of Subject &amp; course</b>	<b>Total Hours of Teaching – Learning</b>				<b>No. of Papers &amp; Practical to be Taught</b>				<b>Marks for University exam</b>		
			<b>Theo ry</b>	<b>Practi cal</b>	<b>Other (Tuto rai al)</b>	<b>Total</b>	<b>Paper</b>	<b>Prac tical</b>	<b>Pap er</b>	<b>Practi cal</b>	<b>Viv a</b>	<b>D i s s</b>	<b>Tot al</b>
	UG	UG Ortho. 3 ½ yrs.	96	135	48	279	1	1	30	20	10	-	60
	PG	MS Ortho 3yrs.	-	-	-	-	4	1	400	100	100	-	400
		D. Ortho 2 yrs.	-	-	-	-	3	1		200	100	-	300
	<i>c) Latest revision of curriculum/ syllabus in 2012 and their salient features.</i>												
	<i>d) Contribution of faculty to curriculum design and Development (CDD) as</i>												
	<ul style="list-style-type: none"> <li>Member of academic council and board of studies, PIMS [DU], Loni BK</li> <li>Six faculties are member of Board of studies and two faculties are member of academic council</li> </ul>												
	Dr. D.V. Prasad		Professor & HOD				Chairman – Board of Study in clinical Surgery & Allied Subject Group – I						
	Dr. D.V. Prasad		Prof. & HOD				Academic council						
	Dr. D.B. Panda		Professor				Member						
	Dr. Sanjay Mulay		Professor				Member						
	Dr. Ashish Somnai		Associate Professor				Member						
	Dr. S.V. Yadkikar		Associate Professor				Member						
	Dr. Sanjay Mulay		Professor				Member Secretary – Clinical Meeting RMC						
5.	<i>Interdisciplinary programmes offered by the Department and department involved</i>												



Name of Programs offered by our department		Involved Departments					
BPTTh III year		Within the institute	Of the other institute				
		Plastic Surgery	-				
		Physiotherapy					
		Radiology					
<b>Nature of involvement:</b> Students Lecture & Clinics, Patient care, Annual Theory & Practical Examination							
6.	<i>Courses in collaboration with other universities, industries, foreign institution etc</i>	Nil					
7.	<i>Details of programs discontinued, if any with reasons</i>	Nil					
8.	<i>Examination System</i>	Annual System					
9.	<i>Participation of the department in the courses offered by other departments</i>	6) MS Ortho & 'D' Ortho Rotation postings in Casualty and Plastic Surgery and Radiology					
10.	<b>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</b>						
<b>(a) Teachers</b>							
S.N.	Required as per MCI /DCI/ INC/ UGC / Other Statutory bodies	Actual Faculty Strength (Recruited or filled)					
		Male	Female	Total			
<i>i</i>	Professor	03	-	03			
<i>ii</i>	Associate Professor Reader	04	-	04			
<i>iii</i>	Assistant Professor Lecturer	06	-	06			
<b>Sub Total( I to iii)</b>		<b>13</b>		<b>13</b>			
<i>iv</i>	Demonstrator	-	-	-			
<i>v</i>	Tutor	-	-	-			
<i>vi</i>	Senior Resident	06	-	06			
<i>vii</i>	Junior Resident	16	-	16			
<b>Sub Total( iv to vii)</b>		<b>22</b>	-	<b>22</b>			
<b>Grant Total ( i to vii)</b>		<b>35</b>	-	<b>35</b>			
<b>(b)</b>							
<b>Qualification Profile of Teachers</b>		M	F	Total			
With P.G. Degree Only		13	-	13			
With higher qualification than PG (Ph.D/D.Sc.)		-	-	-			
Other Higher Qualification (MRCP/PRCP/DM.M.Ch. etc.)		01	-	01			
Teachers Pursuing Higher Degrees		-	-	-			
11	<b>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</b>						
<b>a) Faculty (as UG/PG teachers) (Internal):</b>							
Sr. No	Name of Teaching Staff	Qualific.	Desig	Area of Specialization	Teaching Experience in Years	No. of PG Students	
						Guiding	Guided
1	Dr. Prasad D.V.	MS Ortho	Prof. & HOD	Orthopaedics	25 yrs & 5 m	04	07
2	Dr. Panda D.B.	MS Ortho , M.Ch. Nuero	Professor	Orthopaedics	34 yrs. & 10 m	03	01
3	Dr. Mulay Sanjay	D. Ortho, DNB Ortho	Professor	Orthopaedics	21yrs & 1mnt	04	Nil





4	Dr. Ashish Somani	D. Ortho, DNB Ortho	Assot.Prof	Orthopaedics	10 yrs.	02	01	
5	Dr. K.N.Ghorpade	MS Ortho	Assot.Prof.	Orthopaedics	14yrs & 10 m	03	01	
6	Dr. Pratap Girgune	MS Ortho	Assot.Prof.	Orthopaedics	15yrs & 2 mnt	01	Nil	
7	Dr. S.V.Yadkikar	MS Ortho	Assot.Prof.	Orthopaedics	7yrs & 10 m	Nil	Nil	
8	Dr. Amol Sanap	MS Ortho	Assit.Prof.	Orthopaedics	4yrs & 9mnt.	Nil	Nil	
9	Dr. Rakesh Singh	MS Ortho	Assit.Prof.	Orthopaedics	4yrs & 8mnt.	Nil	Nil	
10	Dr. Sagar Jawale	MS Ortho	Assit.Prof.	Orthopaedics	3yrs & 9mnt.	Nil	Nil	
11	Dr. Arun Kumar	MS Ortho	Assit.Prof.	Orthopaedics	3 yrs & 5mnt.	Nil	Nil	
12	Dr. Arun Alex	MS Ortho	Assit.Prof.	Orthopaedics	3yrs & 5mnt.	Nil	Nil	
13	Dr. Pandey Abhishek	MS Ortho	Assit.Prof.	Orthopaedics	3 yrs & 11m.	Nil	Nil	
14	Dr. Sanjay Umbarakr	D. Ortho	SR	Orthopaedics	3yrs & 5mnt.	Nil	Nil	
15	Dr. Ajinkya Girme	DNB Ortho	SR	Orthopaedics	5yrs & 1mnt.	Nil	Nil	
<b>(b) Faculty of the Department as Ph.D. Guides (Internal as well as External) (as on this day) - Nil</b>								
12	<b>List of senior Visiting Fellows, adjunct faculty, emeritus professors : (as on this day) -Nil</b>							
13	<b>Percentage of classes taken by temporary faculty programme wise information</b>						:	Nil
14	<b>Programme wise Teacher Student Ratio</b>		:	<b>Teacher Student Ratio</b>				
	<b>Programme</b>							
	<b>UG</b>			MBBS – II/III, III/I, III/II, III/III, III/IV Total Student : 357 Total UG Teacher : 15 Teacher Student Ratio : 23:08				
	<b>PG</b>			Total PG : 19 Total PG Teacher : 06 Teacher Student Ratio : 3:1				
	<b>Ph.D.</b>			Nil				
15	<b>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</b>							
	<b>Sr. No.</b>	<b>Staff</b>	<b>Name of the Post</b>	<b>Required as per statutory Bodies</b>	<b>Filled / Actual</b>			
					M	F	Total	
	1	Administrative	Record Clerk	1	1	-	1	
			Steno Typist	1	-	-	-	
			Store Keeper	1	-	-	-	
	2	Technical	Technician	1	1	-	1	
	3	Support	Attendant	1	-	1	1	
			Sweeper	1	1	-	1	
		Total			3	1	4	
16	<b>Research thrust areas as recognized by major funding agencies / by the Department (as on this day) – Arthroscopy, Arthoplasty, Trauma, Pediatric Orthopedics, Spine and Hand</b>							



17	<p><i>Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise : (For the last 5 Years)</i>  <i>– 15 No. of faculty of the department are involved in 4 No. of Research projects</i></p>								
	<b>No. Project Funded by</b>	No. of ongoing projects (a)	No. Completed Projects (b)	Total Projects (a+b)	Funds received in lakhs Total				
					For (a)	For (b)	For a+ b		
	<b>University and Dept.</b>	01	03	04	Self Funded				
	<p><i>Note :- Do not include inter institutional collaborative research project / clinical trials at sl.No. 17. They must be included at Sl.No. 18 only</i></p>								
18.	<p><b>Inter- institutional collaborative projects of faculty &amp; associated grants received (including clinical trials) excluding those included a Sr. No.16 (For the last 5 Years) (as on this day) -Nil</b></p>								
19	<p><b>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)</b></p>								
		<b>Research Projects under taken by</b>	<b>Data as given under sl. No. of DER</b>	<b>Total Projects</b>	<b>On going</b>	<b>Completed</b>	<b>Amount Received</b>		<b>Total Rs Lakhs</b>
							<b>On</b>	<b>Completed</b>	
(a)		The faculty ( at the Dept. ) Funded by Self or Department or University	17	05	02	03			
20.	<p><i>(a) Research Facility / Center and recognition by state / National / International agensis.(as on this day)</i></p>					Central research laboratory, Research Incentive scheme.			
	<p><i>In the department (Details of facilities in brief)</i></p>					As per MCQ			
	<p><i>In other department (Details of facilities by the department used by us.</i></p>					As per MCQ			
	<p><i>In other college ( Details of facilities used by us)</i></p>					As per MCQ			
	<p><i>At central level ( Details of facilities used by us)</i></p>								
21.	<p><i>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization of any.</i></p>					Molecular biology in center for Biotechnology			
22.	<p><i>Publication data of last 5 years Publications in peer reviews journals and conference proceeding (ISSN)</i></p>					National – 00 International- 23 Other- 00 Total - 23			
	<p>No. of Monographs / Books / Chapter In Books (ISBN/NON ISBN)</p>					:	Nil		
	<p>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.)</p>					Research publication included and listed in international database are 23 Out of total publication.			
	<p><i>No. of Citation Index – range / average, SNIP , SJR,Impact Factor- range/average h-index</i></p>					:	Details given in Criteria III and Emerge Data		
23.	<p><i>Details of patents filed / granted and income generated (5 Years data)</i></p>					:	Nil		
24.	<p><i>Areas of consultancy and income generated(5 Years data)</i></p>					:	Nil		



25	<i>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data) – Nil</i>
26.	<i>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data)</i>

Total no. of faculty	Inter-national level	National Level	State Level	Others	Total
04	-	-	-	04	04
(a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data)					

	Total No. of Faculty	Inter-National level	National level	State level	Others level
Fellowship	03	-	-	-	-
Membership	10	-	07	03	--
(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data) – Nil					

**27. Faculty recharging strategies (UGC, ASC/ MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)**

Sr. No.	Type of the Programme	No. of FDPs participated				Total
		College Level	State / University Level	National Level	International Level	
1	Orientation/Refresher/MET/ CME					
2	Workshop/Seminar/ Symposium/ conferences	-	10	10	01	21

**28. Students Projects:** The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)

Sr. No.	UG Projects (Including ICMR, STS)			PG Projects			PG Dissertations			
	Ongoing	Completed	Total	Ongoing	Completed	Total	Ongoing	Completed	Total	
		1+ 1	02	-	-		15	25	40	
Percentage of students who have done in house projects including inter departmental project							:	100%		
Percentage of students doing projects in collaboration with other universities/industry/institute							:	100%		
Details of PG dissertations are given in the annexure							:	Yes (Annexure)		

**29. a) Research Awards/recognitions received at the national and international level (5 Years data)**

Sr. No.	Received by	No. of Awards			
		International	National	State/ University	Total
1	Faculty	-	02	-	02
2	Student UG	-	-	-	-
3	Student PG / Ph.D	-	-	01	01
	Total	-	02	01	03

**(ii) General Awards to Faculties & Student for Social service / Extension activities. (5 Years data)**



– Nil							
<b>30.</b>	<b>Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data)</b>						
		Total	State	Univ / College Level	Funding Source	No. of participants	No. of Resource Persons
	Conference (C) / CME	01	01		Self Funded	289	06
	Total	01	01		Self Funded	289	06
<b>31.</b>	<b>Code of ethics for research followed by the departments</b>				:	IEC Guideline PIMS (DU)	
<b>32.</b>	<b>Student Profile programme-wise</b>				:		
	<b>a) PG Programme Name of the Programme :</b>						
	Academic Year	No. of Application Received for PG CET		CET Pass %	No of Students Selected through CET		
					M	F	T
	2011-12	513		73.90	49	11	60
	2012-13	382		76.83	47	18	65
	2013-14	321		73.40	38	22	60
	2014-15	408		79.94	45	19	64
	2015-16	371		80.05	40	21	61
	No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year						
	Academic Year of Outgoing batch	No. of Students			% of Pass student with		
		Appeared	Pass	Pass %	I <sup>st</sup> Class	I <sup>st</sup> Class with Distinction	
	2011-12	7	7	100	-	-	
	2012-13	7	5	71	-	-	
	2013-14	7	7	100	-	-	
	2014-15	7	4	57	-	-	
	2015-16	7	6	85	-	-	
	<b>b) UG Students Name of the subject and course</b>						
	Academic Year	No. of Application Received		CET Pass %	No of Students Selected for UG Course		
					M	F	T
	2011-12	2257		68.42	54	71	125
	2012-13	3568		66.85	56	69	125
	2013-14	2913		70.21	66	58	125
	2014-15	2496		65.76	53	72	125
	2015-16	2278		64.09	61	64	125
	<b>Results of University examination for the subject taught by the Department (Eg. Anatomy, Physiology etc.)</b>						
	Name of the	Academic Year (For Outgoing Batch)	Total Students Appeared	No of Students	Pass % of	% of I <sup>st</sup> Class	



	Subject			passed	Dept. Subject	
	Orthopaedics	2010	2011	115	101	74
		2011	2012	120	101	58
		2012	2013	94	94	77
		2013	2014	119	104	51
		2014	2015	126	125	52
		2015	2016	119	118	84
<b>Note- Results only for Regular Batch.</b>						
33.	<b>Diversity of Students : a) PG Programme</b> – PG Students are from Both from Maharashtra and Out of State					
	<b>b) UG Programme</b>					
	Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries
	MBBS	2011	-	110	15	-
		2012	-	115	10	-
		2013	-	100	25	-
		2014	-	74	51	-
		2015	-	83	42	-
34	<b>How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.) – Nil</b>					
35.	<b>Student progression:</b>		:	<b>Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)</b>		
	Student Progression		% against enrolled			
	I	UG – PG Studies	6/35			
		PG - SS	2			
		PG – Ph. D.	-			
		UG to employment	Campus selection – off Campus selection – Nil			
		PG to employment	Campus selection – off Campus selection- Nil			
		UG / PG to Entrepreneur				
36.	<b>Diversity of Staff as on this day</b>			<b>% Staff who have obtained PG Degree from</b>		
	<b>Number and % Diversity of Staff ( as on this day ) belonging to</b>			<b>Parent University 07 &amp; . 47 %</b>		
	<b>Same State/UT</b>	<b>No.12 &amp; 80%</b>		<b>Other Universities of the State No. 05 &amp; 33%</b>		
	<b>Outside State/UT</b>	<b>No.03 &amp; 20 %</b>		<b>Outside State - 03 &amp; 20 %</b>		
37	<b>Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) : Nil</b>					
38.	<b>Present details of departmental infrastructural facilities with regard to :</b>					
	A) Infrastructural facility (Common to all departments)					
	a) Library (dept): No. of Collections Book/Journal/ Project Report	:	i) 104 Books are available for the PG and Faculty to increase			





<p>Central Library books and Journal belonging to our department (both print and e mode)            Current Journals subscription paid for the year 2015:            Foreign Journal : Journal of Bone &amp; Joint surgery ( American : 24 ) Journal of Bone &amp; Joint surgery ( British : 12 ) Orthopaedics Clinics of N.A. ( 04 ) Journal of Trauma (12) Acta Orthopeda Sandinvia (6) Journal of Orthopaedics Trauma (12)            Inidan Journal of Orthopaedics (6)</p>	<p>their knowledge in orthopaedics.            ii) In Central Library Total Number of Orthopaedics Books : 537.            iii) In Last three year 62 Books are added in central library.            iv) One National and six international journals are available in Central library.</p>										
<p>b) Internet facilities for staff and students</p>	<p>: Yes</p>										
<p>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive &amp; Inclusive)</p>	<p>: Class Rooms- 01 Demo Rooms- 01            Seminar Halls- 02            Auditorium- 02</p>										
<p>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive)</p>	<p>: Yes</p>										
<p>e) Students laboratories at the Department</p>	<p>: Yes</p>										
<p>f) Research Laboratories of the Dept.</p>	<p>: Yes</p>										
<p>g) Museum at the Department and no. of specimen, charts, Modules etc.</p>	<p>: Yes</p>										
<p>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test</p>	<table border="1"> <tr> <th>Sr. No</th> <th>Name of the equipments</th> </tr> <tr> <td>1</td> <td>LCD Projector</td> </tr> <tr> <td>2</td> <td>Over Head Projector</td> </tr> <tr> <td>3</td> <td>Slide Projector</td> </tr> <tr> <td>4</td> <td>X-Ray PACS Machine</td> </tr> </table>	Sr. No	Name of the equipments	1	LCD Projector	2	Over Head Projector	3	Slide Projector	4	X-Ray PACS Machine
Sr. No	Name of the equipments										
1	LCD Projector										
2	Over Head Projector										
3	Slide Projector										
4	X-Ray PACS Machine										
<p><b>B) Clinical learning resource data (as submitted to MCI/ DCI/ INC/ Others/ UGC)</b></p>											
<p>(a) Beds</p>	<p>(b) Units</p>	<p>(c) Special Clinics</p>	<p>(d) ICUs</p>	<p>(e) Wards</p>	<p>(f) OTs</p>						
<p>120</p>	<p>4</p>	<p>-</p>	<p>1</p>	<p>4</p>	<p>2</p>						
<p>(g) OPD Patients / day ( Average )</p>	<p>(h) IPD Patients / day ( Average )</p>	<p>(i) Operation / day</p>	<p>(j) Diagnostic Tests</p>								
<p>180 to 240</p>	<p>8 to 10</p>	<p>Major 05            Minor 03</p>	<p>OPD 3 to 5</p>	<p>IPD 7 to 9</p>							
<p>(k) Patient's Feedback</p>	<p>(l) GHP / GLP / SOPs</p>	<p>(m) Submission of Compliance / Follow-up Reports to National / State Agencies</p>									
<p>Yes</p>	<p>-</p>	<p>-</p>									
<p><b>C) Para clinical learning resource (CCL Radiology &amp; Departmental Diagnostic Lab) Data &amp; Report : Details on Sophisticated diagnostic equipments and facilities , No. of diagnostic tests (Average per day and annual)</b></p>											
<p><b>D) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well</b></p>	<p>: Radiology            Pathology</p>										
<p><b>39. No. of doctoral post- doctoral students and Research Associates / PDF working</b></p>	<p>: Nil</p>										
<p>Number of Research Pdf/RA receiving fellowship from central agency / University-----</p>											



	No. of Ph.D. Awarded by the Dept during last 5 years: - Nil			
40	(a) Number of students getting financial assistance from the university- Stipend			
	Ph.D. Students getting assistance from the University – Nil			
41.	<b>Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :</b> Yes, While introducing and enhancing the capacity of MS and Diploma in Orthopedics programme.			
42.	<b>Does the department obtain feedback from</b>			
	Sr.No.	From	Yes/No	Feedback Manual / Digital
	1	Student	Yes	Both
	2	Faculty	Yes	Both
3	Alumni / Parents/ Employer	Yes	Both	How the feedback analysis is used for improvement Improving teaching Methodology, curriculum development & working environment
43.	<b>List the distinguished alumni of the department (Maximum 10) ( UG student or PG Student belonging to the subject)</b>			Name and designation with address
	Sr. No.	Name & Designation	Details at the PIMS University & Year	Place of work of alumni
	1	Dr.Yadkikar Shrinivas	2011	RMC, Loni
	2	Dr.Awashi Vaibhav	2011	As mentioned in Annexure
	3	Dr.Prabhoo Tanay	2012	As mentioned in Annexure
	4	Dr.Abhishek Raja	2012	As mentioned in Annexure
	5	Dr. Thorat V.	2013	As mentioned in Annexure
	6	Dr. Sakhuja Rajiv	2013	As mentioned in Annexure
	7	Dr. Ahuja Vaibhav	2013	As mentioned in Annexure
	8	Dr. Anurag Poonia	2013	As mentioned in Annexure
	9	Dr. Sharma Gaurav	2013	As mentioned in Annexure
	10	Dr. Kumar Anish	2014	As mentioned in Annexure
	11	Dr. Pandey Abhishek	2014	RMC, Loni
	12	Dr. Singh Rakeshkumar	2014	RMC, Loni
	13	Dr. Badgire Krishna	2014	As mentioned in Annexure
	14	Dr. Mangukiy ABI	2014	As mentioned in Annexure
	15	Dr. Sagar Jawale	2015	RMC, Loni
	16	Dr. Arun Alex	2015	RMC, Loni
	17	Dr. Datrang Deepak	2015	As mentioned in Annexure
	18	Dr. Jadhav Abhinav	2015	As mentioned in Annexure
	19	Dr. Panda Shakti	2015	As mentioned in Annexure
	21	Dr. Jaiswal Chandrashekhar	2016	RMC, Loni
	22	Dr. Vijay Bhalerao	2016	RMC, Loni
	23	Dr. Chaudhari Tushar	2016	As mentioned in Annexure
	24	Dr. Mahajan Uday	2016	As mentioned in Annexure
	25	Dr. Patil Abhishek	2016	As mentioned in Annexure
44.	<b>Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</b> <b>The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them.– (Details given in annexure)</b>			
45.	<b>a) List the teaching methods adopted by the faculty for different programmes:</b>			



A: Traditional B: Blended C: ICT enabled D: Learning Centric Approach E: Beyond Curriculum Scholarly activities.				
Sr. No		UG/PG	List of Methods	
1		MBBS	ICT enabled Lectures, Clinics	
2		BPTH	ICT enabled Lectures, Clinics	
3		MS	Lectures, Journal club, Seminar, Case presentation.	
4		Diploma	Lectures, Journal club, Seminar, Case presentation.	
<b>b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling, )</b>				
46.	<b>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?</b> 1. Internal assessment evaluation. 2. Feed back taken from faculties and students.			
47.	<b>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive) Involvement of student and faculty in various type of extension activity organized by the dept.</b>			
Sr. No.	No. of Surveys/Training/Rallies/Lectures/Celebrations/ any other events.	Camps/Workshops/ Academic Year	No. of Beneficiaries	
1	Multi Diagnostic Medical Camps ( More than 42)	Since 2011	6213/-	
<b>Our faculty is involved extension in health awareness programs organized by the college / University through lectures, rally, camps/ training. as HR / Contributions</b>				
Sr. No.	Programme	Venue	Topic	Date
1	Radio talk	Community Radio center Babhaleshwar	Low back pain	2011-15
48.	<b>Give details of “beyond syllabus scholarly activities” of the department :</b> cvii) Guest lecturers by Institution : 20 cviii) Guest lectures by department : 45 cix) Multi Diagnostic camps : 42 cx) Hello Doctor Radio talk :12 cxi) Scientific Webcast Symposium: 18 cxii) CME: 01 cxiii) Radiology teaching programme			
49.	<b>State whether the programme / department is accredited / graded by other agencies? No</b>			
50.	<p><b>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied ( based on published research articles, paper, projects, books, Patents etc.</b></p> <p><b>b) Salient and unique feature of Department.-</b></p> <ol style="list-style-type: none"> <li>1. Urban amenities in rural setup.</li> <li>2. State of art modular OT's with Arthroplasties, Arthroscopies, Paediatrics and spine surgeries</li> <li>3. PACS- Filmless Radiology</li> <li>4. RGJAY</li> <li>5. Separate minor OT</li> <li>6. Departmental library.</li> </ol> <p><b>c) Innovation of the Department.-</b></p> <ol style="list-style-type: none"> <li>1. Patient safety check list.</li> </ol> <p><b>d) Best practice of the Department-</b></p> <ol style="list-style-type: none"> <li>1. Complex Trauma care with dedicated trauma team and with emergency trauma ward and ICU</li> <li>2. Minimal invasive surgeries like shoulder and knee Arthroscopies.</li> <li>3. Knee, Hip and shoulder Arthroplasties</li> <li>4. Illizarov fixation</li> <li>5. Bone tumor surgeries with reconstruction.</li> </ol>			



	<p>6. Paedatric surgeries 7. Spine surgeries (Based on academic programmes, research, Teaching-Learning, Evaluation, Extension, consultancy, collaboration, welfare, governance, quality, enrichment awareness, publication etc.)</p>			
51.	<b>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department : (Important or major ones) in bullet form.-SWOC</b>			
	Strength	Weaknesses	Opportunities	Challenges
	faculties trained in MET	Research equivalent to global standards	To organized more CME's and Hands on workshop	Retaining trained faculties
	Scientific Webcast Symposium	Animal study experimentation.		Arthroplasty at lower cost
	Student and alumni support pursuing higher sub specialties	Department self efficient in financial requirement		Prevention and awareness programmes
		Scholarships		Difficulty in managing Neuro Vascular deficit cases.
52.	<p><b>Future Plan</b></p> <ul style="list-style-type: none"> <li>• Start super specialty in Vascular surgery</li> <li>• Work place based assessment</li> <li>• Dedicated Truma center</li> <li>• Awareness and promotion of publications in PUBMED journals.</li> <li>• Establishment of departmental alumni association,</li> <li>• Student support.</li> <li>• E learning and online learning resources.</li> <li>• Implementation of innovative educational teaching and learning methods.</li> <li>• Cadaveric dissection studies.</li> <li>• Faculty development programme.</li> <li>• Organising more number of CME's</li> <li>• Organising Handson surgical exposure programmes</li> <li>• Student exchange programme.</li> <li>• Rotational Radiology and plastic surgery learning programme.</li> </ul>			

---Sd/---  
Name & Signature  
(Head of the Dept.)

---Sd/---  
Name & Signature  
Dean of the College







## Department of Ophthalmology



**Rural Medical College**  
**Pravara Institute of Medical Sciences**  
**(Deemed University)**





**Pravara Institute of Medical Sciences (Deemed University)**

**Institution: Rural Medical College**

**Departmental Evaluative Report**

**Based on the date of 5 years : 2011-16**

1.	<i>Name of the Department</i>					:	Ophthalmology
2.	<i>Year of establishment</i>					:	1984
3.	<i>Is the Department part of a School/Faculty of the university?</i>					:	Yes, Rural Medical College, PIMS (DU)
4.	<i>a) Names of programmes offered</i>					:	<b>As on this day</b>
	Prog.	Subject / Course Ophthalmology	Year of Establishment	Intake per year	Fresh enrollment for academic year	Total Student Strength	
	UG	MBBS	1984	125	125	627 ( 125 +240+ 116+ 146)	
	PG	MS	1991	6	06	18 (6+6+6)	
	P.G. Diploma	DO	1991	1	01	02 (1+1)	
	Total	-	-	-	132	647	
	<i>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</i>						
	MBBS – Theory 70 hrs + 180 Practicals hrs+ 30 other = 280 hrs, One Theory paper + One Practical + One Viva = 150 Marks MS- 4 Theory Papers + One Practical + Viva + Dissertation = 800 Marks DOMS – 3 Theory Paper + One Practical + Viva = 600 Marks						
	<i>C. Latest revision of curriculum/ syllabus in 2015 Year and their salient features.</i>						
	<i>Curricular/ Revision</i>	<i>UG</i>	<i>Year</i>	<i>PG</i>	<i>Year</i>		
	Major Revision	Theory exam pattern 40 marks	Proposed for December 2016 onwards	Practical Exam pattern for clinical case distribution 1 long case 2 short cases	2015		
	Minor Revision			Recent advances updated	2015		
	<i>d) Contribution of faculty to curriculum design and Development (CDD) as</i>						
	7) Member / chairman BOS/ Faculty/ BOE at parent university and other universities – <b>BOS in parent university</b> - Dr. Mrs. S. V. Bangal(Chairman) <b>Members</b> -Dr. Kishor Badhe,Dr. Neeta Misra,Dr. Somen Misra, Dr. Shubhangi Nigwekar, Dr. Sanjay Shelke, Dr. Wamam M. Chavan, Dr. Shobhana Jorvekar						
	v) <b>Member in AC in parent university</b> - Dr. Mrs. S. V. Bangal						
	ii) Organization of CDD workshops at the Dept / University –None						
	iii) Participation in curriculum design and development workshops at university/Department- <b>Yes</b>						
5.	<i>Interdisciplinary programmes offered by the Department and department involved</i>						
	Name of Programs offered by our department						
						Within the institute	
	Training of postgraduate residents in emergency medicine					Casualty department	
	Research purpose					Research methodology training for postgraduate residents from research department	
	<i>Nature of involvement:</i>						



6.	<i>Courses in collaboration with other universities, industries, foreign institution etc</i>		None					
7.	<i>Details of programs discontinued, if any with reason</i>		None					
8.	<i>Examination System</i>		Annual					
9.	<i>Participation of the department in the courses offered by other departments</i>		1. OMFS (RDC) – clinical and surgical practicals Postgraduate residents 2. College of Physiotherapy – Thoery lectures for BPT Students					
10.	<i>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</i>							
	<i>(a) Teachers</i>							
	<i>S.N.</i>	<i>Required as per MCI/DCI/ INC/ UGC/ Other Statutory bodies</i>	<i>MCI requirement</i>	<i>Actual Faculty Strength (Recruited or filled)</i>				
				<i>Male</i>	<i>Female</i>			
				<i>Total</i>				
	<i>i</i>	Professor	1	2	3			
	<i>ii</i>	Associate Professor Reader	2	2	-			
	<i>iii</i>	Assistant Professor Lecturer	3	3	2			
	<i>Sub Total( I to III)</i>		<b>06</b>	<b>07</b>	<b>05</b>	<b>12</b>		
	<i>iv</i>	Demonstrator	-	-	-	-		
	<i>v</i>	Tutor	-	-	-	-		
	<i>vi</i>	Senior Resident	2	3	-	3		
	<i>vii</i>	Junior Resident	4	12	8	20		
	<i>Sub Total( iv to vii)</i>		<b>6</b>	<b>15</b>	<b>8</b>	<b>23</b>		
	<i>Grant Total ( i to vii)</i>			<b>22</b>	<b>13</b>	<b>35</b>		
	<i>(b)</i>							
	<i>Qualification Profile of Teachers</i>			<i>M</i>	<i>F</i>	<i>Total</i>		
<i>With P.G. Degree Only</i>			7	5	12			
<i>With higher qualification than PG (Ph.D/D.Sc.)</i>			-	-	-			
<i>Other Higher Qualification (MRCP/PRCP/DM.M.Ch. etc.)</i>			-	-	-			
<i>Teachers Pursuing Higher Degrees</i>			-	1	1			
11	<i>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</i>							
	<i>a) Faculty (as UG/PG teachers) (Internal):</i>							
	<i>Sr. No</i>	<i>Name of Teaching Staff</i>	<i>Qualification</i>	<i>Designation</i>	<i>Area of Specialization</i>	<i>Teaching Experience in Years</i>	<i>No. of PG Students</i>	
							<i>Guiding</i>	<i>Guided</i>
	1	Dr. Mrs. Surekha V. Bangal	M.S	Professor & HOD,	Retina	20 yrs 3 months	3	5
	2	Dr. Kishor Badhe	M.S	Professor	Cornea	34 yrs 8 mths	3	3
3	Dr. Neeta Misra	M.S	Professor	Glaucoma	25 yrs 6 mths	3	1	
4	Dr. Somen	M.S	Professor	Oculoplasty	25 yrs 6	3	4	



	Misra				mths		
5	Dr. Sanjay Shelke	M.S	Associate Professor	Cataract	18 yrs 6 mths	3	2
6	Dr. Wamam M. Chavan	M.S	Associate Professor	Oculoplasty	10 yrs 6 mths	2	-
7	Dr. Shubhangi Nigwekar	D.N.B	Professor	Cornea	15 yrs 5 mths	3	2
8	Dr. Shobhana Jorvekar	M.S	Assistant Professor	Squint & pediatric ophthalmology	11 yrs 11 mths	-	1
9	Dr. Parag Tupe	M.S	Assistant Professor	Squint & pediatric ophthalmology	10 yrs 11 mths	-	-
10	Dr. Akshay Bhandari	M.S	Assistant Professor	Refraction	5 yrs 7 mths	-	-
11	Dr. Amol Wankhede	M.S	Assistant Professor	Retina	9 yrs 2 mths	-	-
12	Dr. Soniya Bhala	M.S	Assistant Professor	Retina	6 yrs	-	-
<b>(b) Faculty of the Department as Ph.D. Guides (Internal as well as External) (as on this day)</b>							
Sr. No	Name of the Ph.D. Guide		External or Internal	No. of Ph.D. Students of University Guiding			
1	Dr. Mrs. Surekha V. Bangal		Internal	1			
12	<b>List of senior Visiting Fellows, adjunct faculty, emeritus professors : (as on this day) - None</b>						
13	<b>Percentage of classes taken by temporary faculty programme wise information</b>				: Nil		
14	<b>Programme wise Teacher Student Ratio</b>			<b>Teacher Student Ratio</b>			
	<b>Programme</b>						
	<b>UG</b>			Odd batch: 0.54:1 (12/22) Regular batch: 0.12:1 (12/95)			
	<b>PG</b>			1 <sup>st</sup> year: 1.71:1 (12/7) 2 <sup>nd</sup> year: 1.71:1 (12/7) 3 <sup>rd</sup> year: 2:1 (12/6)			
	<b>Ph.D.</b>			As per UGC regulations			
15	<b>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual :</b>						
Sr. No.	Staff	Name of the Post	Required as per statutory Bodies	Filled / Actual			
				M	F	Total	
1	Administrative	Record Clerk -1 Steno - 1 Store keeper-1 Nurse- 1	4	3	1	4	
2	Technical	Optometrist -1 Lab. technician-1	2	2	0	2	
3	Support	Attendant-1	1	1	0	1	
	Total		7	6	1	7	
16	<b>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</b>						
	<ul style="list-style-type: none"> <li>- Research involving Ophthalmic manifestations of systemic diseases especially diabetic and hypertensive eye diseases</li> <li>- Research involving innovative surgical techniques for treating ocular diseases like phacoemulcification, pterygium</li> <li>- Research related to newer diagnostic techniques like OCT, USG, Tonometry, Pachymetry</li> </ul>						





	<p>– Research on socio demographic factors and clinical spectrum of common ocular disorders found in rural area like pterygium, dacryocystitis, corneal ulcers, allergic conjunctivitis</p>		
17	<p><b>Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise : (For the last 5 Years)</b>  <b>i) 3 No. of faculty of the department are involved in 4 No. of Research projects</b></p>		
<b>Abstract of projects</b>			
<b>No. Project Funded by</b>	No. of ongoing projects (a)	No. Completed Projects (b)	Total Projects (a+b)
<b>University and Dept.</b>	5	4	9
<b>The details of projects are as follows:</b>			
<b>a) Ongoing Projects of Faculty (as on this day)- All projects are sponsored by PIMS,DU</b>			
<b>Sr. No.</b>	PI, Co-PI and Project Title	Duration (Yr.)	
1	Study of post operative surgical outcome of conjunctival limbal autograft transplantation technique by no suture no glue fixation following pterygium excision Proposal Registration Number: PIMS/RMC/2015/107 PI – Dr.S.V.Bangal	2 yrs	
2	Study the treatment outcome of primary ocular and adnexal malignancies in a rural Indian tertiary care center Proposal Registration Number: PIMS/RMC/2015/99 Pi-Dr.Somen Misra	2 yrs	
3	Risk factors, clinical profile and unmet needs of patients with Diabetic Retinopathy, Proposal Registration Number : PIMS/RMC/2015/94 PI – Dr.S.V.Bangal	3 yrs	
4	Surgical outcome of triple procedure as penetrating keratoplasty with extracapsular cataract extraction with posterior chamber intraocular lens implantation in adult patients with central corneal opacity and advanced cataract at rural tertiary care hospital- retrospective and prospective study.-Dr S. Nigwekar		
5	Surgical outcome of penetrating keratoplasmy in adults at rural tertiary care hospital-continued retrospective and prospective study-Dr S. Nigwekar		
<b>b) Completed Projects of the faculty ( last 5 Years) - All projects are sponsored by PIMS,DU</b>			
<b>Sr. No.</b>	<b>PI, Co-PI and Project Title and Duration (Yr.)</b>		
1	Study & visual outcome of Agricultural ocular injuries in tertiary hospital. PI-Dr.Somen Misra - 2 yrs		
2	Prevalence and clinical profile of paediatric ocular injuries.- -PI Dr.S.V. Bangal	3 yrs	
3	Study on prevalence of Ocular manifestations in individuals with elevated blood glucose levels in a rural setup PI Dr.S.V. Bangal - 2 yrs		
4	Surgical outcome after cataract surgery in patients with traumatic cataract Proposal Registration Number : PIMS/RMC/2015/96 PI –Dr.Akshay Bhandari -	2 yrs	
18.	<p><b>Inter- institutional collaborative projects of faculty &amp; associated grants received (including clinical trials) excluding those included a Sr. No.16) (For the last 5 Years) (as on this day) - - Nil</b></p>		





<b>19</b>	<b>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)*</b>									
	<b>Research Projects under taken by</b>	<b>Data as given under sl. No. of DER</b>	<b>Total Projects</b>	<b>On going</b>	<b>Completed</b>	<b>Amount Received</b>		<b>Total Rs Lakhs</b>		
						<b>On</b>	<b>Completed</b>			
(a)	The faculty Funded by Department or University	17	9	5	4	-	-	-		
	<b>Total</b>	-	09	5	04	-	-	-		
<b>20.</b>	<b>(a) Research Facility / Center and recognition by state / National / International agenesis.(as on this day)</b>									
	<b>In the department (Details of facilities in brief)</b>									
	<b>Sr. No</b>	<b>Lab</b>	<b>Investigations/ training</b>							
	1	Ward side lab/ Diagnostic lab Microbiology & Pathological Lab.	1.Microscopic examination of corneal ulcer scrapings KOH mounting & Gm staining 2.Urine sugar & blood sugar Level estimation 3.BT CT, Hb estimation							
	2	Wet Lab / skill lab	Eye bank – donor eyes not suitable for treating recipie studied							
	<b>In other department (Details of facilities by the department) used by us.</b>		OT facilities -No.of OTs Alloted –3 ( 1clean, 1 septic 1 minor OT) Anesthesiology- for general and local anesthesia Microbiology – For corneal ulcer, tissue culture and sensitivity, Gram's staining, KOH staining Pathology – For histopathology of pterygium, lid mass, tissue Radiology – For radiodignostic assistance in cases with opaque ocular media Medicine, surgery, ob-gy dept for systemic diseases and pregnancy induced hypertension cases							
	<b>In other college ( Details of facilities used by us)</b>		Prosthodontic dept for ocular prosthesis							
	<b>At central level ( Details of facilities used by us)</b>		Computers, Internet, e-Lib, Central library facilities available							
<b>21.</b>	<b>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization of any.</b>		Nil							
<b>22.</b>	<b>Publication data of last 5 years- 37 Publication Publications in peer reviews journals and conference proceeding (ISSN)</b>				<b>National 05 International 29 Other 03 Total 37</b>					
	<b>No. of Monographs (ISBN/NON ISBN)</b>				:					
	<b>No. of Books Published (ISBN/NON ISBN)</b>				:					
					02 – Dr. Akshay Bhandari ( 2 <sup>nd</sup> Author)					



					Dental Material Science – Exam. Preparatory manual for undergraduates Publisher- Jaypee brothers <b>ISBN no-</b> 9789352501168	
	<i>No. of Edited Books (ISBN/NON ISBN)</i>	:	Nil			
	<i>No. of chapters in Books with details of publishers (ISBN/NON ISBN)</i>	:	Nil			
	<i>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.) 37</i>					
	<i>Research publication included and listed in international database are 37 -Out of total publication.</i>					
	<i>No. of Citation Index – range / average</i>	:	- Average=3.5 Range=0 to 7			
	<i>SNIP</i>	:	- Average=0.45 Range=0 to 0.89			
	<i>SJR</i>	:	- Average=0.29 Range=0 to 0.58			
	<i>Impact Factor- range/average</i>	:	Average=0.67 Range=0.41 to 1.93			
	<i>h-index</i>	:	<b>Details given in Criteria III and Emerge Data</b>			
23.	<i>Details of patents filed / granted and income generated (5 Years data)- Nil</i>	:	Nil			
24.	<i>Areas of consultancy and income generated(5 Years data)</i>	:	None			
25	<i>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data) - Nil</i>					
26.	<b>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data)</b>					
	<i>Total no. of faculty</i>	<i>Inter-national level</i>	<i>National Level</i>	<i>State Level</i>	<i>Others</i>	<i>Total</i>
	2	-	1	1	1	3
	<b>(a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data)*</b>					
	<i>Total No. of Faculty</i>	<i>Inter-National level</i>	<i>National level</i>	<i>State level</i>	<i>Others level</i>	
	Membership	12	Nil	11	12	Nil
	<i>Note:</i> 11 faculties are members of All India Ophthalmological Society, 12 faculties are members of Maharashtra Ophthalmological Society, Dr. Surekha Bangal- Scientific committee member Maharashtra Ophthalmological Society (2013 and 14) Dr. Somen Misra- Zonal member of FBS All India Ophthalmological Society, FAICO fellowship at AIOS feb 2016 Dr. Surekha Bangal- Ethical committee of PIMS					
	<b>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data)</b>					
	<b>Peer Reviewers</b>					
	<i>Total</i>	<i>Inter-National Level</i>	<i>National Level</i>	<i>State Level</i>		
	2 faculties – Dr.Mrs.S.V.Ban gal Dr.Somen Misra	5 journals • Oman Journal of Ophthalmology Middle East • Arfican Journal of Ophthalmology • Orbit • Saudi Medical Journal • BMJ Case report	1 journal • Indian Journal of Ophthalmology	1 journal • Journal of Clinical Ophthalmology and Research		



<b>27. Faculty recharging strategies (UGC, ASC/ MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)</b>										
	Sr. No.	Type of the Programme	No. of FDPs participated				Total			
			College Level	State / University Level	National Level	International Level				
	1	Orientation/Refresher/MET/CME	15	11	02	-	28			
	2	Workshop/Seminar/Symposium/ conferences	04	06	05	-	15			
	3	FDPs (guest lecture, training, CM, CPC, etc.)	6	-	-	-	06			
<b>28. Students Projects:</b> The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)										
PG Projects					PG Dissertations					
	Ongoing	Completed	Total	Ongoing	Completed	Total				
	Nil	2	2	12	22	34				
<b>Percentage of students who have done in house projects including inter departmental project</b>				:	Nil					
<b>Percentage of students doing projects in collaboration with other universities/industry/institute</b>				:	Nil					
<b>Details of PG dissertations are given in the annexure</b>				:	<b>Annexure - A</b>					
<b>29. a) Research Awards/recognitions received at the national and international level (5 Years data) – Attach Annexure B</b>										
	Sr. No.	Received by	No. of Awards		Recognitions					
			State/ University	Total	International	National	State/ University	Total		
	1	Faculty	01	01	-	1	-	1		
	2	Student UG	01	01	-	-	-	-		
	3	Student PG / Ph.D	04	04	-	-	-	-		
		Total	06	06	-	1	-	1		
b) General awards of faculty and students (other than Research, for teaching extension, social service) - Nil										
<b>(i) For Academic (Teaching) service for faculty (5 Years data)</b>										
<b>30. a) Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data)</b>										
		Total	Inter-National	National	State	Univ / College Level	Funding Source	No. of participants	No. of Resource Persons	
	Seminar (S)	1	-	-	-	1	-	-	-	
	Workshops (W)	03	-	-	-	03	-	-	-	
	FDPs	04	-	-	-	04	-	-	-	
	Total	08	-	-	-	08	-	-	-	



<b>b)</b>	<i>Note : Reports on details of S/S/C/W and External Resource person, delegates attended and Proceedings etc. are given in the annexure C</i>							
			International	National	University/ State	College	Internal	External
	1	Workshop	-	-	-	10	-	
	2	conference	-	11	13	-	-	
3	FDPs	-	6	12	16	-		
<b>31.</b>	<i>Code of ethics for research followed by the departments</i>						:	ICMR
<b>32.</b>	<i>Student Profile programme-wise</i>						:	
a) PG Programme Name of the Programme : <b>Available in University</b>								
Academic Year	No. of Application Received for PG CET	CET Pass %		No of Students Selected through CET				
				M	F	T		
2010-11	Central Data	Central Data		2	1	3		
2011-12			2	1	3			
2012-13			6	0	6			
2013-14			1	5	6			
2014-15			5	1	6			
2015-16			4	2	6			
No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year								
Academic Year of Outgoing batch	No. of Students					% of Pass student with		
	Appeared		Pass		Pass %		I <sup>st</sup> Class	
	MS	DOMS	MS	DOMS	MS	DOMS	MS	DOMS
2010-11	2	1	1	1	50%	100	-	1
2011-12	2	1	2	1	100%	100	1	1
2012-13	1	1	1	1	100%	100	1	1
2013-14	2	1	2	1	100%	100	2	1
2014-15	3	1	3	0	100	-	1	-
2015-16	6	1	4	1	66.66	100	2	1
<b>b) UG Students Name of the subject and course – Central Data</b>								
<b>Results of University examination for the subject taught by the Department (Eg. Anatomy, Physiology etc.)</b>								
Name of the Subject	Academic Year (For Outgoing Batch)		Total Students Appeared	No of Students passed	Pass % of Dept. Subject	% of I <sup>st</sup> Class	% of I <sup>st</sup> Class with Distinction	
	2010	2011	119	116	97.47	83.62	-	
	2011	2012	88	85	96.59	65.88	-	
	2012	2013	115	97	84.34	61.85	2.06	
	2013	2014	115	112	97.39	60.86	1.78	
	2014	2015	123	120	97.56	85.83	3.33	
	2015	2016	95	93	97.89	76.34	2.15	
<b>33.</b>	<b>Diversity of Students : a) PG Programme</b>							
Name of the Course refer to	Year	No. and % of students from same university		No. and % of students from other universities	No. and % of students from Universities outside the state	No. and % of students from other Countries		



question no. 4				within the state		
MS	2010-11	2 (50%)	2 (50%)	-	-	-
MS	2011-12	2 (66.67%)	1 (33.33%)	-	-	-
MS	2012-13	2 (33.33%)	3 (50%)	-	-	1 (16.67%)
MS	2013-14	1 (16.67%)	4 (66.66%)	-	-	1 (16.67%)
MS	2014-15	2 (33.33%)	3 (50%)	1 (16.67%)	-	-
MS	2015-16	-	6 (100%)	-	-	-
DOMS	2010-11	-	1 (100%)	-	-	-
DOMS	2011-12	-	1 (100%)	-	-	-
DOMS	2012-13	-	-	1 (100%)	-	-
DOMS	2013-14	-	1 (100%)	-	-	-
DOMS	2014-15	-	-	1 (100%)	-	-
DOMS	2015-16	-	1 (100%)	-	-	-
<b>34</b>	<b>How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.)- Nil</b>					
<b>35.</b>	<b>Student progression:</b>	<b>:</b>	<b>Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)</b>			
	Student Progression		% against enrolled			
I	UG – PG Studies		90%			
	PG - SS		50%			
	PG – Ph. D.					
	UG to employment		Campus selection – off Campus selection 50%			
	PG to employment		Campus selection – off Campus selection 50 %			
	UG / PG to Entrepreneur		40%			
<b>36.</b>	<b>Diversity of Staff as on this day</b>					
	<b>Number and % Diversity of Staff ( as on this day ) belonging to</b>			<b>% Staff who have obtained PG Degree from</b>		
	<b>Same State/UT</b>		<b>No. 10 &amp; 83 %</b>	<b>Parent University</b>		<b>No. 3 &amp; 25 %</b>
	<b>Other States</b>		<b>No. 2 &amp; 16%</b>	<b>Other Universities of the State</b>		<b>No. 05&amp; 42 .%</b>
				<b>Other State University</b>		<b>No. 4 &amp; 33 %</b>
<b>37</b>	<b>Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) : Nil</b>					
<b>38.</b>	<b>Present details of departmental infrastructural facilities with regard to :</b>					
	<b>A) Infrastructural facility (Common to all departments)</b>					
	<b>a) Library (dept): No. of Collections Book/Journal/ Project Report</b>			<b>:</b>	<b>(a) Department library and its salient features ( Books &amp; Journals )-</b> 200 books of the textbooks and reference books of recent edition, International and national ophthalmology journals like Indian journal of ophthalmology, British Journal of Ophthalmology, Achieves of ophthalmology, video CDs, e	
	Central Library books and Journal belonging to our department (both print and e mode) learning (updated every year with special attention to recent advances)					
	<b>(b) Subject books in the Central Library and Journals ( e &amp; Print )-</b> 608 books, 4 journals					
	<b>b) Internet facilities for staff and students</b>			<b>:</b>	<b>Computers, Internet, e-Lib, Dept. e-library facilities available</b>	
	<b>c) Total number of class rooms, seminar halls/</b>			<b>:</b>	<b>Class Rooms – 1 inclusive</b>	





<b>demonstration rooms, auditorium ( Exclusive &amp; Inclusive)</b>			Demo - 1 Rooms inclusive Seminar Halls -1 Auditorium 1 exclusive Other s – 1 Research Lab 1 - Museum				
<b>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive)</b>		:	Computers, Internet, e-Lib, Dept. e-library facilities available Videos, Educational material, Educational CDs Available, LCD, Black board, Skype connection				
<b>e) Students laboratories at the Department</b>		:	Ward side lab, wet lab.				
<b>f) Research Laboratories of the Dept.</b>			Available				
<b>g) Museum at the Department and no. of specimen, charts, Modules etc.</b>		:	1 Museum 12 Specimen 55 Charts Instruments Drugs optics				
<b>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)</b>		:	Optical coherence tomography (OCT) Operating Microscopes- Phako system- Lasers Visulas 532- Nd-YAG Laser- Fundus camera Ophthalmic A and B scan USG Pachymetry Noncontact tonometer Autorefractometer				
<b>B) Clinical learning resource data (as submitted to MCI / DCI / INC / Others / UGC)</b>							
<b>(a) Beds</b>	<b>(b) Units</b>	<b>(c) Special Clinics</b>	<b>(d) ICUs</b>	<b>(e) Wards</b>	<b>(f) OTs</b>		
70	2	6	1 common	2	3		
<b>Specialty Clinics</b>							
<b>S.No.</b>	<b>Name of the Clinic</b>	<b>Days on which held</b>					
1	Glaucoma Clinic	Mondays					
2	Retina Clinic	Thursday					
3	Refraction Clinic	Monday to Friday Saturday					
4	Eye Bank (Cornea Clinic)	Wednesday					
5	Squint Clinic	Tuesday					
6	Any other (Oculoplasty clinic)	Friday					
<b>(g) OPD Patients / day ( Average )</b>		<b>(h) IPD Patients / day ( Average )</b>		<b>(i) Operation / day</b>		<b>(j) Diagnostic Tests</b>	
180 per day		10 - 12 per day		<b>Major</b>	<b>Minor</b>	<b>OPD</b>	<b>IPD</b>
				8-9	25- 30	25-30	45-50
<b>(k) Patient's Feedback</b>		<b>(l) GHP / GLP / SOPs</b>			<b>(m) Submission of</b>		



			<b>Compliance /Follow-up Reports to National /State Agencies</b>		
	<i>Taken and maintained in Register book in ward</i>	<i>SOPs for eye donation, SOPs for surgical Safety measures</i>	<i>Data sent to Eye Bank Association of India and District Blindness Control Society</i>		
	<b>C) Para clinical learning resource (CCL Radiology &amp; Departmental Diagnostic Lab) Data &amp; Report : Details on Sophisticated diagnostic equipments and facilities , No. of diagnostic tests (Average per day and annual) 1-2 Histopath per day, 3-4 radiological tests per day, 1-2 tissue samples for microbiological evaluation</b>				
	<b>D) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well</b>		:	Microbiological, Radiological and pathological resources for diagnosis and research, Community medicine and social medicine	
<b>39.</b>	<b>No. of doctoral post- doctoral students and Research Associates / PDF working</b>		:	Postgraduate residents (Doctoral)- 20	
	Number of Research Pdf/RA receiving fellowship from central agency / University-----				
<b>40</b>	<b>(a) Number of students getting financial assistance from the university PG and Ph.D. Students getting assistance from the University - Stipend</b>				
<b>41.</b>	<b>Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :</b> Induction training and orientation programme was done while introducing PG and Diploma courses				
<b>42.</b>	<b>Does the department obtain feedback from</b>				
	Sr.No.	From	Yes/No	Feedback Manual / Digital	How the feedback analysis is used for improvement
	1	Student	Yes	Manual earlier now digital	Improvement of teaching
	2	Faculty	Yes	Informal	Improvement of teaching
	3	Alumni / Parents/ Employer	Yes	Informal	Improvement of teaching
<b>43.</b>	<b>List the distinguished alumni of the department (Maximum 10) ( UG student or PG Student belonging to the subject)</b>			:	Name and designation with address
	<b>Sr. No.</b>	<b>Name &amp; Designation</b>			<b>speciality</b>
	1	Dr.Ameya Kulkarni			Phaco surgeon
	2	Dr. Priyanka Dhaytadak			Asst. Professor KEM, Mumbai
	3	Dr. Akshay Bhandari			Asst. Professor RMC Loni
	4	Dr. Tanvi Haldipurkar			Refractive surgeon
	5	Dr. Pratik Gogri			Cornea fellow
	6	Dr. Rajen Mehta			Glaucoma fellow
	7	Dr. Veeresh Korwar			Cornea fellow



44.	<p><i>Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</i></p> <p><b>The department conducts series of student enrichment programmes round the year. All the PG students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under</b></p> <table border="1" data-bbox="326 348 1408 621"> <thead> <tr> <th data-bbox="326 348 591 415">Sr. No.</th> <th data-bbox="591 348 769 415">Event (SEP) UG + PG</th> <th data-bbox="769 348 997 415">No. Events</th> <th colspan="2" data-bbox="997 348 1408 415">No. of Prominent</th> </tr> <tr> <td data-bbox="326 415 591 483"></td> <td data-bbox="591 415 769 483"></td> <td data-bbox="769 415 997 483"></td> <th data-bbox="997 415 1234 483">External Experts</th> <th data-bbox="1234 415 1408 483">Internal Experts</th> </tr> </thead> <tbody> <tr> <td data-bbox="326 483 591 550">1</td> <td data-bbox="591 483 769 550">UG</td> <td data-bbox="769 483 997 550">1-2 per year</td> <td data-bbox="997 483 1234 550">yes</td> <td data-bbox="1234 483 1408 550">yes</td> </tr> <tr> <td data-bbox="326 550 591 617">2</td> <td data-bbox="591 550 769 617">PG</td> <td data-bbox="769 550 997 617">3-4 per year</td> <td data-bbox="997 550 1234 617">yes</td> <td data-bbox="1234 550 1408 617">yes</td> </tr> </tbody> </table> <p>(Details given in annexure D)</p>	Sr. No.	Event (SEP) UG + PG	No. Events	No. of Prominent					External Experts	Internal Experts	1	UG	1-2 per year	yes	yes	2	PG	3-4 per year	yes	yes
Sr. No.	Event (SEP) UG + PG	No. Events	No. of Prominent																		
			External Experts	Internal Experts																	
1	UG	1-2 per year	yes	yes																	
2	PG	3-4 per year	yes	yes																	
45.	<p><i>a) List the teaching methods adopted by the faculty for different programmes:</i></p> <p>A: Traditional B: Blended C: ICT enabled D: Learning Centric Approach E: Beyond Curriculum Scholarly activities. Bed side clinic, Wet-lab training</p> <p><i>b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling, )</i> Orientation programme for postgraduates students during their first 15 days, mentorship and counseling for both undergraduates and post graduates, Extra coaching for weak students once a week</p>																				
46.	<p><i>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?</i> - Six monthly exam for postgraduates students, Formative Internal assessment for UG students, Annual exam for UG students.</p>																				
47.	<p><i>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive) Involvement of student and faculty in various type of extension activity organized by the dept.</i></p> <ul style="list-style-type: none"> <li><i>Our faculty is involved extension in health awareness programs organized by the college / University through lectures, rally, camps/ training. as HR / Contributions – Annexure E Attached</i></li> </ul>																				
48.	<p><i>Give details of “beyond syllabus scholarly activities” of the department :</i> Rallies, Rangoli competition, Telemedicine, Radio talks, Poster exhibition, Eye care awareness programme</p>																				
49.	<p><i>State whether the programme / department is accredited / graded by other agencies? If yes, give details - No</i></p>																				
50.	<p><i>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied ( based on published research articles, paper, projects, books, Patents etc.</i></p> <p><i>b) Salient and unique feature of Department.</i></p> <ol style="list-style-type: none"> <li>Registered Eye bank facility</li> <li>LASER treatment facility</li> <li>Diabetic retinopathy, Glaucoma and Retinopathy of prematurity screening and treatment facilities</li> <li>Ophthalmic paediatric surgical facilities</li> <li>Total charity surgical work</li> </ol> <p><i>C) Innovation of the Department.</i></p> <ol style="list-style-type: none"> <li>Operative technique - Innovative pterygium surgeries like no suture no glue technique, Wet lab skill transfer surgical training for pg students teaching learning</li> <li>E learning featured for clinical evaluation, investigations and surgical procedures</li> </ol> <p><i>Community work- speciality camps for diabetic and glaucoma patients</i></p> <p><i>d) Best practice of the Department</i></p> <ol style="list-style-type: none"> <li>Hands on demonstration workshop of essential clinical skills and procedures</li> <li>Interactive didactic lectures with illustrations covering the ophthalmology core curriculum</li> <li>Clinical case presentation and interactive group discussion</li> <li>Open book test for PG students</li> <li>Encourage PG students to take tutorials for ug students</li> <li>Encourage students to attend the peripheral eye camps</li> </ol>																				



	<p>7.Encourage students to deliver talks on telemedicine              8.Encourage students for PG education programme in renowned institutes of national repute              9.Encourage UG students to participate in various competitions like rangoli, essay, eye donation rally              10.Collaboration with CSM departments for various projects</p>			
<b>51.</b>	<b><i>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department : (Important or major ones) in bullet form. : SWOC</i></b>			
	<b>Strength</b>	<b>Weaknesses</b>	<b>Opportunities</b>	<b>Challenges</b>
	<p>1.Well trained Senior doctors available for teaching and clinical work                  2.Rural need based community work                  3.state of an art equipments                  4.Rural community based research                  5.Encouragement by management for upgradation of dept.</p>	<p>1.Ultra modern facilities for superspeciality training                  2.Orgnising national / international large scale level events like conferences for being rural.                  3.No exposure to urban population related eye problems</p>	<p>1.Training Courses on Optometry and ophthalmic assistance                  2. Short term skill training training courses for budding ophthalmologists                  3.Grass root level work exposure to students                  Being educational hub, this area provides exposure to eye problems of younger patients</p>	<p>1.Due to lack of awareness among rural population the patients are unable to understand the severity of some emergency ocular diseases.                  2. Junior doctors not interested in working in rural area.                  3.poor compliance for timely follow up by illiterate patients</p>
<b>52.</b>	<b><i>Future Plan</i></b>			
	<p>Courses- Diploma in Optometry and ophthalmic assistant.</p> <ol style="list-style-type: none"> <li>1. Super speciality courses-Training in Phaco-emulsification surgeries, training in LASERS,</li> <li>2. Organizing postgraduate educational programme / conferences under aegis of national/ state Organization.</li> <li>3. Faculty development programme for training in ophthalmic recent advances.</li> <li>4. Research related to genetic disorders in ophthalmology</li> <li>5. Establishment of low visual aids and Rehabilitation clinic-For visually impaired</li> <li>6. Development of Vitreoretinal surgical setup</li> </ol>			

----Sd/---  
**Name & Signature**  
**(Head of the Dept.)**

----Sd/---  
**Name & Signature**  
**Dean of the College**







## Department of Otorhinolaryngology



**Rural Medical College**  
**Pravara Institute of Medical Sciences**  
**(Deemed University)**





**Pravara Institute of Medical Sciences (Deemed University)  
Institution: Rural Medical College, Loni  
Departmental Evaluative Report  
Based on the date of 5 years : 2 010-11 to 2015-16**

1.	<i>Name of the Department</i>		:	OTORHINOLARYNGOLOGY								
2.	<i>Year of establishment</i>		:	1984								
3.	<i>Is the Department part of a School/Faculty of the university?</i>		:	Rural Medical College, Loni								
4.	<i>a) Names of programmes offered</i>		:	As on this day								
	Prog.	Subject / Course ENT	Year of Establishment	Intake per year	Fresh enrollment for academic year	Total Student Strength						
	UG	MBBS	1984	125	122	122						
	PG	MS	2007	01	01	03						
	P.G. Diploma	DLO	2007	01	01	01						
	<i>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</i>											
	Name of Subject	Total Hours of Teaching – Learning			No. of Papers & Practical to be Taught		Marks for University exam					
		Th	Pr	Total	Paper	Pr	Paper	Pr	Viva	Dissertation	Total	
	UG	ENT	40	360	400	1	120	40	40	20	Nil	Nil
	PG	MS ENT	-	-	-	4	-	-	400	400	-	-
	<i>c) Latest revision of curriculum/ syllabus in 2016 Year and their salient features.</i>											
	<i>d) Contribution of faculty to curriculum design and Development (CDD) as</i>											
	i) <b>Member</b> at parent university.											
	ii) Participation in curriculum design and development workshops at university/Department											
5.	<i>Interdisciplinary programmes offered by the Department and department involved: Nil</i>											
6.	<i>Courses in collaboration with other universities, industries, foreign institution etc</i>							Nil				
7.	<i>Details of programs discontinued, if any with reasons</i>							Nil				
8.	<i>Examination System</i>							Annual				
9.	<i>Participation of the department in the courses offered by other departments</i>							Nil				
10.	<i>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</i>											
	<i>(a) Teachers</i>											
	<i>S.N.</i>	<i>Required as per MCI</i>			<i>Actual Faculty Strength (Recruited or filled)</i>							
					<i>Male</i>		<i>Female</i>		<i>Total</i>			
	<i>i</i>	Professor			1			-		1		
	<i>ii</i>	Associate Professor Reader			1			-		1		
	<i>iii</i>	Assistant Professor Lecturer			2			1		3		
		<i>Sub Total( I to iii)</i>			<i>4</i>			<i>1</i>		<i>5</i>		
	<i>iv</i>	Demonstrator			-			-		-		
	<i>v</i>	Tutor			-			-		-		
	<i>vi</i>	Senior Resident			1			-		1		
	<i>vii</i>	Junior Resident			2			2		4		
		<i>Sub Total( iv to vii)</i>			<i>3</i>			<i>2</i>		<i>5</i>		
		<i>Grant Total ( i to vii)</i>			<i>7</i>			<i>3</i>		<i>10</i>		
	<i>(b)</i>											
	<i>Qualification Profile of Teachers</i>							<i>M</i>	<i>F</i>	<i>Total</i>		
	<i>With P.G. Degree Only</i>							<i>4</i>	<i>-</i>	<i>4</i>		
	<i>With higher qualification than PG (Ph.D/D.Sc.)</i>							<i>-</i>	<i>-</i>	<i>-</i>		



	<b>Other Higher Qualification (MRCP/PRCP/DM.M.Ch. etc.)</b>		-	-	-			
	<b>Teachers Pursuing Higher Degrees</b>		-	-	-			
<b>11</b>	<b>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</b>							
	<b>a) Faculty (as UG/PG teachers) (Internal):</b>							
	Sr.No	Name of Teaching Staff	Qualification	Designation	Area of Specialization	Teaching Experience in Years	No. of PG Students	
							Guiding	Guided
	•	Dr. Madhusudan Malpani	MS ENT	Prof.& Head	ENT	9 Years	02	01
	•	Dr. Aniket Lathi	MS ENT	Associate Professor	ENT	7 Years	01	00
	•	Dr. Gokuldas Ahire	MS ENT	Assistant Professor	ENT	4 Years	00	00
	•	Dr. Sarang Deshmukh	MS ENT	Assistant Professor	ENT	2 months	00	00
	•	Dr. Sheetal Shelke	MS ENT	Assistant Professor	ENT	15 Days	00	00
	•	Dr. Ashish Podey	MS ENT	Senior Resident	ENT	4 Months	00	00
	•	Dr. Vivek Choudhari	MS ENT	Resident	ENT	2 Years	00	00
	•	Dr. Arka Roy	MS ENT	Resident	ENT	1Years	00	00
•	Dr. Farha Maloo	MS ENT	Resident	ENT	2 Months	00	00	
•	Dr. Shruti Rashinkar	MS ENT	Resident	ENT	2 Months	00	00	
	<b>(b) Faculty of the Department as Ph.D. Guides (Internal as well as External) (as on this day): Nil</b>							
<b>12</b>	<b>List of senior Visiting Fellows, adjunct faculty, emeritus professors : (as on this day):Nil</b>							
<b>13</b>	<b>Percentage of classes taken by temporary faculty programme wise information</b> : Nil							
<b>14</b>	<b>Programme wise Teacher Student Ratio</b>				:	<b>Teacher Student Ratio</b>		
	<b>Programme</b>							
	<b>UG</b>					31.25%		
	<b>PG</b>					1:1		
<b>Ph.D.</b>					Nil			
<b>15</b>	<b>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</b>							
	Sr. No.	Staff	Name of the Post	Required as per statutory Bodies	Filled / Actual			
					M	F	Total	
	1	Administrative	Clerk		-	1	1	
	2	Technical	Audiologist		1	1	2	
3	Support	Nursing And Attendant		-	2	2		
	Total			1	4	5		



16	<b>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</b>						
	8) Diagnostic centre for head and neck malignancies						
	9) Vertigo clinic with Electronysstagmography and cupulography recording equipment						
	10) Voice rehabilitation clinic						
	11) Stroboscopy and voice disorders						
	12) LASER for various ENT disorders						
	13) Evidence based learning and teaching						
17	<b>Number of ongoing and completed projects undertaken by faculty:</b>						
	<b>No. Project Funded by</b>	No. of ongoing projects (a)		No. Completed Projects (b)		Total Projects (a+b)	
	<b>National agencies</b>	02		06		08	
18.	<b>Inter- institutional collaborative projects of faculty &amp; associated grants received (including clinical trials) excluding those included a Sr. No.16 (For the last 5 Years) (as on this day)</b>			<i>On going</i>	<i>Completed</i>	<i>Total</i>	<i>Level</i>
				06	05	11	National Level collaborative Projects
19	<b>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)</b>						
		<b>Research Projects under taken by</b>	<b>Data as given under sl. No. of DER</b>	<b>Total Projects</b>	<b>On going</b>	<b>Completed</b>	
	(a)	The faculty ( at the Dept. ) Funded by Self or Department or University	17	8	2	6	
	(b)	Inter-Institution / Industry Projects (collaborate) including clinical trials	18	11	6	5	
		<b>Total</b>		19	8	11	
20.	<b>(a) Research Facility / Center and recognition by state / National / International agenesis.(as on this day)</b>			Dedicated Research Cell, Central Research lab, Animal House, Research Incentives Scheme			
	<b>In the department (Details of facilities in brief)</b>			Temporal Bone Dissection Room			
	<b>In other department (Details of facilities by the department) used by us.</b>			Nil			
	<b>In other college ( Details of facilities used by us)</b>			Nil			
	<b>At central level ( Details of facilities used by us)</b>			Central Library with books and Journals, campus wide WiFi Facility			
21.	<b>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization of any.</b>			Molecular Brology in center for Biotechnology			
	<b>Publication data of last 5 years</b>				<b>National : 03</b>		
	<b>Publications in peer reviews journals and conference proceeding (ISSN)</b>				<b>International: 02</b>		
					<b>Total: 05</b>		
	<b>No. of Monographs, Books, Edited books, Chapters (ISBN/NON ISBN)</b>				: -Nil		
	<b>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.)</b>						
	<b>No. of Citation Index – range / average</b>				: <b>Details given in Criteria III and Emerge Data</b>		
	<b>SNIP</b>				:		
	<b>SJR</b>				:		
	<b>Impact Factor- range/average</b>				:		
	<b>h-index</b>				:		
23.	<b>Details of patents filed / granted and income generated (5 Years data)</b>				: Nil		
24.	<b>Areas of consultancy and income generated(5 Years data)</b>				: Nil		
25	<b>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data): Nil</b>						
26.	<b>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data): Nil</b>						





	<i>(a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data): Nil</i>																						
	<i>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data): Nil</i>																						
27.	<i>Faculty recharging strategies (UGC, ASC/ MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)</i>																						
	Sr. No.	Type of the Programme	No. of FDPs participated		Total																		
			College Level	State / University Level																			
	1	Orientation/Refresher/MET/CME	01	01	02																		
28.	<p><i>Students Projects:</i> The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year):</p> <p><b>Annexure Attached</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="3">PG Dissertations</th> </tr> <tr> <td>Ongoing</td> <td>Completed</td> <td>Total</td> </tr> <tr> <td>03</td> <td>--</td> <td>03</td> </tr> <tr> <td colspan="2"><i>Percentage of students who have done in house projects including inter departmental project</i></td> <td>: 03</td> </tr> <tr> <td colspan="2"><i>Percentage of students doing projects in collaboration with other universities/industry/institute</i></td> <td>: NA</td> </tr> <tr> <td colspan="2"><i>Details of PG dissertations are given in the annexure</i></td> <td>: Yea</td> </tr> </table>					PG Dissertations			Ongoing	Completed	Total	03	--	03	<i>Percentage of students who have done in house projects including inter departmental project</i>		: 03	<i>Percentage of students doing projects in collaboration with other universities/industry/institute</i>		: NA	<i>Details of PG dissertations are given in the annexure</i>		: Yea
PG Dissertations																							
Ongoing	Completed	Total																					
03	--	03																					
<i>Percentage of students who have done in house projects including inter departmental project</i>		: 03																					
<i>Percentage of students doing projects in collaboration with other universities/industry/institute</i>		: NA																					
<i>Details of PG dissertations are given in the annexure</i>		: Yea																					
29.	<i>a) Research Awards/recognitions received at the national and international level (5 Years data): Nil</i>																						
	<i>General Awards to Faculties &amp; Student for Social service / Extension activities. (5 Years data)</i>																						
		Total	State	Others																			
	Faculty	03	01	02																			
30.	<i>a) Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data)</i>																						
	Event	Total	Inter-National	National	State																		
	Conference (C)	12	1	3	8																		
	Workshops (W)	5	--	--	5																		
	Total	17	01	03	13																		
31.	<i>Code of ethics for research followed by the departments</i>	:	IEC( Institutional Ethical Committee) Guidelines PIMS (DU), ICMR 2009 Guidelines																				
32.	<i>Student Profile programme-wise</i>	:																					
	No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year( <b>MS ENT &amp; DLO</b> )																						
	Academic Year of Outgoing batch	No. of Students		% of Pass student with																			
		Appeared	Pass	Pass %	I <sup>st</sup> Class																		
					I <sup>st</sup> Class with Distinction																		
	2010-11	02	02	100	01																		
	2011-12	01	01	100	-																		
	2012-13	01	-	-	-																		
	2013-14	01	01	100	-																		
	2014-15	01	01	100	-																		
	2015-16	01	01	100	-																		
	<i>b) UG Students Name of the subject and course</i>																						
	Academic Year	No. of Application Received	CET Pass %	No of Students Selected for UG Course																			
				M	F																		
				T																			
	2011-12	2257	68.42	54	71																		
	2012-13	3568	66.85	56	69																		
	2013-14	2913	70.21	65	60																		





	2014-15	2496	65.76	53	72	125			
	2015-16	2778	64.09	61	64	125			
Results of University examination for the subject taught by the Department (Eg. Anatomy, Physiology etc.)									
Name of the Subject	Academic Year (For Outgoing Batch)		Total Students Appeared	No of Students passed	Pass % of Dept. Subject	% of I <sup>st</sup> Class	% of I <sup>st</sup> Class with Distinction		
ENT	2010	2011	119	115	96.63	86	5.21		
ENT	2011	2012	87	82	94.25	51	1.21		
ENT	2012	2013	112	102	91.07	67	1.96		
ENT	2013	2014	117	113	96.58	31	--		
ENT	2014	2015	123	122	99.18	61	--		
ENT	2015	2016	93	91	97.84	57	--		
Note- Give Results only for Regular Batch.									
<b>33.</b>	<b>Diversity of Students : a) PG Programme</b>								
Name of the Course refer to question no. 4	Year	No. and % of students from same university		No. and % of students from other universities within the state		No. and % of students from Universities outside the state		No. and % of students from other Countries	
MS ENT	2010-11	--	--	01	100	--	--	--	--
MS ENT	2011-12	--	--	01	100	--	--	--	--
MS ENT	2012-13	--	--	01	100	--	--	--	--
MS ENT	2013-14	01	100	--	--	--	--	--	--
MS ENT & DLO	2014-15	--	--	02	100	--	--	--	--
MS ENT	2015-16	--	--	01	100	--	--	--	--
<b>b) UG Programme</b>									
Name of the Course refer to question no. 4	Year	No. and % of students from same university		No. and % of students from other universities within the state		No. and % of students from Universities outside the state		No. and % of students from other Countries	
MBBS	2010	--	--	81	64.80	44	36.20	--	--
MBBS	2011	--	--	110	88	15	12	--	--
MBBS	2012	--	--	115	92	10	08	--	--
MBBS	2013	--	--	100	80	25	20	--	--
MBBS	2014	--	--	74	59.20	51	40.80	--	--
MBBS	2015	--	--	83	66.40	42	33.60	--	--
<b>34.</b>	<b>How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.) : ECFMG/ EICS-104</b>								
<b>35.</b>	<b>Student progression:</b>		<b>: Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years) &gt; 70%</b>						
Student Progression			% against enrolled						
I	UG – PG Studies		2						
<b>36.</b>	<b>Diversity of Staff as on this day</b>								
Number and % Diversity of Staff ( as on this day )			% Staff who have obtained PG Degree from						



	<i>belonging to</i> <i>Same State/UT</i> <i>No. 4 &amp; 80 %</i> <i>Outside State/UT</i> <i>No. 1 &amp; 20 %</i>		Parent University <i>No. 2 &amp; 40%</i> Other Universities of the State <i>No. 2 &amp; 40%</i> Other State University <i>No. 1 &amp; 20%</i>			
37	<i>Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) : Nil</i>					
38.	<i>Present details of departmental infrastructural facilities with regard to :</i>					
<b>A) Infrastructural facility (Common to all departments)</b>						
<b>a) Library (dept): No. of Collections</b> <i>Book/Journal/ Project Report</i> <i>Central Library books and Journal belonging to our department (both print and e mode)</i>		:	Books - 82 & Journals – Nil Print Journals – 2 & E Journals - Nil Books - 267 & E Books - Nil			
<b>b) Internet facilities for staff and students</b>		:	Yes			
<b>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive &amp; Inclusive)</b>		:	Class Rooms:01 Demo Rooms: 02 Seminar Halls: 01 Auditorium:01			
<b>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive)</b>		:	Yes			
<b>e) Students laboratories at the Department</b>		:	One			
<b>f) Research Laboratories of the Dept.</b>		:	One ( Temporal Bone Dissection Room)			
<b>g) Museum at the Department and no. of specimen, charts, Modules etc.</b>		:	One(Charts-Models)			
<b>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)</b>		:	1. Fibreoptic Laryngoscope 2. Fibreoptic Bronchoscope 3. Brainstem evoked response audiometer 4. Operating microscopes 5. Microdebrider (Storz) 6. Nasal Endoscopes (Storz 0,30 and 45 degrees) 7. Pure tone audiometer 8. Impedance audiometer 9. ENG 10. Temporal bone dissection unit			
<b>B) Clinical learning resource data (as submitted to MCI/DCI/INC/ Others / UGC)</b>						
<b>(a) Beds</b>	<b>(b) Units</b>	<b>(c) Special Clinics</b>	<b>(d) ICUs</b>	<b>(e) Wards</b>	<b>(f) OTs</b>	
30	1	3	1	1	1	
<b>(g) OPD Patients / day (Average)</b>		<b>(h) IPD Patients / day (Average)</b>	<b>(i) Operation / day</b>		<b>(j) Diagnostic Tests</b>	
			<i>Major</i>	<i>Minor</i>	<i>OPD</i>	
109		3.73	1.76	7.72	<i>IPD</i>	
<b>(k) Patient's Feedback</b>		<b>(l) GHP / GLP / SOPs</b>		<b>(m) Submission of Compliance /Follow-up Reports to National /State Agencies</b>		
Yes		-		Yearly		
<b>C) Para clinical learning resource (CCL Radiology &amp; Departmental Diagnostic Lab) Data &amp; Report : Details on Sophisticated diagnostic equipments and facilities , No. of diagnostic tests (Average per day and annual)</b>						



	D) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well)				:	Nil
39.	No. of doctoral post- doctoral students and Research Associates / PDF working				:	Nil
40	(a) Number of students getting financial assistance from the university: NA					
	PG and Ph.D. Students getting assistance from the University					
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :					
42.	Does the department obtain feedback from					
	Sr.No.	From	Yes/No	Feedback Manual / Digital	How the feedback analysis is used for improvement	
	1	Student	Yes	Manual & Digital	Improving Teaching	
	2	Faculty	Yes	Manual	Methodology/Curriculum &	
	3	Alumni / Parents/ Employer	Yes	Manual	Infrastructure development and working Environment	
43.	List the distinguished alumni of the department (Maximum 10) ( UG student or PG Student belonging to the subject)				:	List Attached
44.	Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal & external experts during the last 5 years : The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under					
45.	a) List the teaching methods adopted by the faculty for different programmes: A: Traditional B: Blended C: ICT enabled D: Learning Centric Approach E: Beyond Curriculum Scholarly activities.					
	b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling, ) Orientation Induction Mentoring Performance improvement activities done for students of all programs.					
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? :By Carrying out internal assessment.					
47.	Highlight the participation of students and faculty in extension activities: (Exclusive & Inclusive) Involvement of student and faculty in various type of extension activity organized by the dept.					
	Sr. No.	No. of Camps/Workshops/ Surveys/Training/Rallies/Lectures/Celebrations/ any other events.	Academic Year	No. of Beneficiaries		
		10	2011-2015	2312		
48.	Give details of "beyond syllabus scholarly activities" of the department : v) Journal Club:Monthly vi) Seminar: Monthly vii) Case Presentation: Weekly					
49.	State whether the programme / department is accredited / graded by other agencies? If yes, give details: No					
50.	a) Brief highlight the contributions of the department in generating new knowledge, basic or applied ( based on published research articles, paper, projects, books, Patents etc. b) Salient and unique feature of Department: <ul style="list-style-type: none"> <li>• Good Dignostic Modality</li> <li>• A mix of well experienced faculty with you enthusiastic &amp; Hard</li> <li>• Availability of good teaching material.</li> </ul>					
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department : (Important or major ones) in bullet form. SWOC					
	Strength	Good Dignostic. Modality; A mix of well experienced faculty with young enthusiastic & Hard working support. ;Availability of good teaching material.				
	Weaknesses	Lack of funded research projects				



	<b>Opportunities</b>	<ul style="list-style-type: none"><li>• Hospital catering to a huge rural population with variety of ENT Head and Neck diseases including rare cases.</li><li>• New hospital infrastructure with modern facilities and refreshed outlook of administration with larger fund allocation to every department.</li><li>• Healthy ground for research work available.</li></ul>
	<b>Challenges</b>	<ul style="list-style-type: none"><li>• Maintaining feedback from patients a large number patient do not proper for follow up appointments.</li><li>• Concise department with many tasks such as academic, administrative, patient care etc to be dealt with.</li></ul>
<b>52.</b>	<b>Future Plan</b>	<ul style="list-style-type: none"><li>i) Liaisoning Missing with School for deaf and mute</li><li>ii) DNB Otorhinolaryngology (ENT)</li><li>iii) Superspeciality course for Neurotology and facial plastic surgery</li><li>iv) E- library service</li><li>v) Skullbase surgery</li></ul>

---Sd/---  
**Name & Signature**  
**(Head of the Dept.)**

---Sd/---  
**Name & Signature**  
**Dean of the College**





## Department of Anesthesiology







**Pravara Institute of Medical Sciences (Deemed University)  
Institution: Rural Medical College, Loni  
Departmental Evaluative Report  
Based on the data of 5 years: 2011 - 16**

1.	<i>Name of the Department</i>		:	<b>ANESTHESIOLOGY</b>		
2.	<i>Year of establishment</i>		:	1984		
3.	<i>Is the Department part of a School/Faculty of the university?</i>		:	Department in Rural Medical College , Loni a constituent unit of PIMS(DU)		
4.	<i>a) Names of programs offered</i>		:	As on this day		
	Prog.	Course / Subject Anesthesia	Year of Establishment	Intake per year	Fresh enrollment for AY	Total Student Strength
	UG	A subject under surgery leading to MBBS	1984	125	125	375
	PG	M.D.	1991	4	4	12
	P.G. Diploma	D.A.	1991	2	2	4
	Total			131	131	391
	<i>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies-as on this day</i>					
	<ul style="list-style-type: none"> <li>• MBBS – 8 Hrs Theory + 12 hrs Practical</li> <li>• Part if Examinations of Surgery</li> <li>• MD – 4 Papers + 1Pract + 1 Viva Voce + 1 Dissertation = 800 Marks</li> <li>• DA - 3Papers + 1Pract + 1 Viva Voce + 1 Dissertation = 600 Marks</li> </ul>					
	<i>c) Latest revision of curriculum/ syllabus in the department</i> –latest revision of syllabus is done as per MCI syllabus					
	<i>d) Contribution of faculty to curriculum design and Development (CDD) as</i>					
	i) Member / chairman BOS/ Faculty/ BOE at parent university and other universities.---3 members in BOS at parent university					
	<ul style="list-style-type: none"> <li>• Dr J.N. Lakhe</li> <li>• Dr S.G. Deogaonkar</li> <li>• Dr R. Nale</li> </ul>					
	--2 members in University Academic Council-					
	<ul style="list-style-type: none"> <li>• Dr Mrs. Manju Jha</li> <li>• Dr Akshaya Shetty</li> </ul>					
	ii) Organization of CDD workshops at the Dept / University - done at university level					
	iii) Participation in curriculum design and development workshops at university/Department- done at university level--- being carried out every year in the beginning of session in department meeting of faculty members to revise strategies for teaching learning process for the upcoming academic year					
5.	<i>Interdisciplinary programmes offered by the Department and department involved</i>					
	Name of Programs offered by our department			Involved Departments		
	Chronic pain management			Oncology ,Orthopedics, surgery		
	Outdoor Anaesthesia services			Radiology, oncology, oncotherapy		
	<i>Nature of involvement:</i> ----- outdoor services are provided by faculty and residents of the department namely Dr S.G.Deogaonkar,Dr Akshay shetty, Dr Vinod kharde , Dr Tushar bhavar , Dr navnath jhondhale , Dr.Shriwastav Shashwat ,Dr. Samata Agrawal and all available junior residents .					
6.	<i>Courses in collaboration with other universities, industries, foreign institution etc</i>			Nil		
7.	<i>Details of programs discontinued, if any with reasons</i>			Nil		
8.	<i>Examination System</i>			Annual		
9.	<i>Participation of the department in the courses offered by other departments</i>			Orientation program conducted by department of community medicine		



		Contribution for ACLS/BLS training for every fresh batch of postgraduates students.						
10.	<b>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</b>							
	<b>(a) Teachers</b>							
	<b>S.N.</b>	<b>Required as per MCI/DCI/INC/UGC / Other Statutory bodies</b>		<b>Actual Faculty Strength(Recruited or filled)</b>				
				<b>Male</b>	<b>Female</b>	<b>Total</b>		
	<b>I</b>	Professor -		1	2	3		
	<b>Ii</b>	Associate Professor Reader -		5	0	5		
	<b>Iii</b>	Assistant Professor Lecturer -		2	2	4		
		<b>Sub Total( I to III)</b>		08	04	12		
	<b>Iv</b>	Demonstrator						
	<b>V</b>	Tutor						
	<b>Vi</b>	Senior Resident-		3	3	6		
	<b>Vii</b>	Junior Resident-		7	5	12		
		<b>Sub Total( IV to VII)-</b>		10	8	18		
		<b>Grant Total ( I to VII)</b>		18	12	30		
	<b>(b)</b>							
	<b>Qualification Profile of Teachers</b>		<b>M</b>	<b>F</b>	<b>Total</b>			
	<b>With P.G. Degree Only</b>		8	4	12			
	<b>With higher qualification than PG (Ph.D/D.Sc.)</b>		0	0	0			
11	<b>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</b>							
	<b>a) Faculty (as UG/PG teachers) (Internal):</b>							
	<b>Sr. No.</b>	<b>Name of Teaching Staff</b>	<b>Qualification</b>	<b>Designation</b>	<b>Area of Specialization</b>	<b>Teaching Experience in Years</b>	<b>No. of PG Students</b>	
							<b>Guiding</b>	<b>Guided</b>
	1	Dr Manju Jha	MD	Professor and HOD	Regional anesthesia	23 years	2	3
	2	Dr. V.K.Badhe	MD	Professor	Pain management	27 years	3	16
	3	Dr. J.N.Lakhe	MD	Professor	Critical care	15 years	3	2
	4	Dr .V. Sukhtankar	MD	Associate Professor	General anesthesia	24 years	2	5
5	Dr.S.G.Deogaonkar	MD	Associate Professor	Maxilla-facial and dental surgery	10 years 5 months	1	1	
6	Dr. N.C. Landge	MD	Associate	Regional	13 years	2	5	



				Professor	al anesth esia			
7	Dr.Ravikiran Nale	MD	Associate Professor	Cardia c anesth esia	11 years	2	5	
8	Dr. Akshay Shetty	MD	Associate professor	Critica l care	6 years	--	--	
9	Dr. Tushar Bhavar	MD	Assistant professor	Critica l care	4 year	--	--	
10	Dr. (Mrs) Narode N.V.	MD	Asst. Professor	--	10 Year	--	--	
11	Dr.Anarse Y.S.	MD	Asst. Professor	--	08 Year	--	--	
12	Dr. Badhe V.K.	MD	Asst. Professor	--	06 Month	--	--	
<b>12</b>	<b>List of senior Visiting Fellows, adjunct faculty, emeritus professors : (as on this day)-NIL</b>							
<b>13</b>	<b>Percentage of classes taken by temporary faculty programme wise information</b>					:	NA	
<b>14</b>	<b>Programme wise Teacher Student Ratio</b>					:	<b>Teacher Student Ratio</b>	
	<b>UG</b>						10:1	
	<b>PG</b>						1:1	
<b>15</b>	<b>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</b>							
	Sr. No.	Staff	Name of the Post	Required as per statutory Bodies	Filled / Actual			
					M	F	Total	
	1	Administrative	Departmental clerk	1	--	1	1	
	2	Technical	Operation room technicians	9	9	0	9	
	3	Support	Storekeeper Record clerk	1 1	2	0	2	
		Total		12	11	1	12	
<b>16</b>	<b>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</b>							
	<ul style="list-style-type: none"> <li>● Regional anaesthesia</li> <li>● Regional nerve blocks</li> <li>● Difficult intubation</li> <li>● Pain management and services</li> </ul>							
<b>17</b>	<b>Number of ongoing and completed projects undertaken by faculty-</b>							



<p><b>The details of projects are as follows:</b>  <b>a) Ongoing Projects of Faculty (as on this day)- 08</b>  <b>Ongoing Projects by Faculty members</b></p>									
S/N		TITLE & STATUS				PI & CO PI			
1		Comparison of Propofol- LCT/MCT with Propofol/ LCT formulation on injection pain in rural Indian population : In Review Process				Dr. ManjuJha, Dr. Akshay, Dr. Pankaj Roy, Dr.SushaneHakoo			
2		A 5 year retrospective study of snake bite patients admitted in tertiary care hospital in rural part of India :Requested for withdrawal (Non availability of files)				Dr. Akshay, Dr. M Jha			
3		Assessment of job satisfaction and quality of life among practicing Anesthesiologists in India : In Process				Dr. Akshay			
4		To survey the knowledge and attitude of MBBS students and Interns of RMC towards pain and its management :Data collection done , Statistics under process				Dr. Akshay, Dr. Tushar, Dr. Vinod K, Dr. ManjuJha, Dr. Priyanka Gulve,Dr. Navnath J			
5		Corelation of arterial carbon dioxide with mainstream end tidal carbon dioxide in mechanically ventilated patients in rural population of India : Under review process				Dr. Akshay			
6		Corelation of nasopharyngeal temperature with transcutaneous Carotid temperature in rural Indian adult patients under general anaesthesia : Under review process				Dr. Akshay,Dr. Vinod K, Dr. Sahir J			
7		VALMA(Video assisted laryngeal mask airway)- A new generation smart LMA : Under review process				Dr. Akshay			
8		Effect Of Low Dose Midazolam On Bradycardia And SedationDuring Dexmedetomidine Infusion After Spinal Block For Various Infra-Umbilical Surgeries At Pravara Rural Hospital, Loni. : Under review process				Dr. ManjuJha, Dr. Prashant Rai ,Dr. Bhumika R			
<p><b>b) Completed Projects of the faculty ( last 5 Years)-01</b></p>									
01		Comparision of 0.5 or 1 micrograms/kg fentanyl for prevention of hemodynamic changes during intubation in parturient undergoing c-section under GA			completed		Dr.S.G.Deogaonkar		
<p><b>18. Inter- institutional collaborative projects of faculty&amp; associated grants received (including clinical trials) excluding those included a Sr. No.16) (For the last 5 Years) (as on this day)- NIL</b></p>									
<p><b>19 Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)-Annexure-1</b></p>									
		<b>Research Projects under taken by</b>	<b>Data as given under S. No. of DER</b>	<b>Total Projects</b>	<b>On going</b>	<b>Compl eted</b>	<b>Amount Received</b>		<b>Total Rs Lakhs</b>
							<b>On</b>	<b>Compl eted</b>	
(a)		The faculty Funded by Department or University	17	1		1	Sponsored by PIMS-DU		
(b)		Inter- Institution /	18	8	8				



	Industry Projects								
	(c) UG student STS ICMR Projects	28	2		2		20000 INR	20000 INR	
	<b>Total</b>		11	8	3				
20.	<i>(a) Research Facility / Center and recognition by state / National / International agencies.(as on this day)</i>	YES							
	<i>In the department (Details of facilities in brief)</i>	26 operating rooms MAJOR-18 and MINOR 8 catering for various surgical specialties including reconstructive, maxillofacial and pediatric surgeries. State of art anaesthesia workstations, multiparameter monitors, fiberoptic bronchoscope, peripheral nerve stimulator, all types of invasive, noninvasive ventilators							
	<i>In other department (Details of facilities by the department) used by us.</i>	MRI/CT-SCAN/SICU/MICU/NICU/PICU/CCU							
	<i>In other college ( Details of facilities used by us)</i>	Maxilla-facial surgery facilities of rural dental college and physiotherapy facilities of Dr. A. P. J. Abdul kalam college of physiotherapy							
	<i>At central level ( Details of facilities used by us)</i>	acid base gas studies, blood bank services offering all components , latest laboratory facilities, molecular biopsy lab at CBT							
21.	<i>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization of any.</i>	CRL (central research laboratory)							
22.	<i>Publication data of last 5 years Publications in peer reviews journals and conference proceeding (ISSN)</i>	<i>International-----52---, Total--52</i> (Annexure 2)							
	<i>No. of Monographs (ISBN/NON ISBN)</i>	NIL							
	<i>No. of Books Published (ISBN/NON ISBN)</i>								
	<i>No. of Edited Books (ISBN/NON ISBN)</i>								
	<i>No. of chapters in Books with details of publishers (ISBN/NON ISBN)</i>								
	<i>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.)</i>								
	<i>Research publication included and listed in international database are ---52-----Out of total publication.</i>								
	<i>No. of Citation Index – range/average</i>	:	Details given in Criteria III and Emerge Data						
	<i>SNIP</i>	:							
	<i>SJR</i>	:							
	<i>Impact Factor- range/average</i>	:							
	<i>h-index</i>	:							
	<i>h-index</i>	:							
23.	<i>Details of patents filed / granted and income generated (5 Years data)</i>	:	Nil						
24.	<i>Areas of consultancy and income generated(5 Years data)</i>	:	Honorary Consultancy – in Rural Dental College ,Radiotherapy , Radiodiagnosis and						





		College of Physiotherapy				
<b>25</b>	<b>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data)-NIL</b>					
<b>26.</b>	<b>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data)</b>					
	<i>UNIVERSITY LEVEL</i>					<i>Total</i>
	BOS-PIMS (DU)- 03					5
	ACADEMIC COUNCIL-PIMS(DU)- 02					
	<b><u>NAME OF FACULTY AS MEMBERS ON BOS :</u></b>					
	1.Dr.Mrs Manju Jha					
	2.Dr.J.N.Lakhe					
	3.Dr.S.G.Deogaonkar					
	<b><u>NAME OF FACULTY AS MEMBERS ON AC :</u></b>					
	1. Dr. Mrs Manju Jha					
	2. Dr.Akshay Shetty					
	<b>(a) Recognition to Faculty( Fellowship, Membership, Honour any other type ) (5 Years data)-ONE</b>					
	<b>Dr Akshay shetty –Fellowship in Cardiac Anesthesiology, done at JNMC,KLE University, Belgaum (2011)</b>					
	<b>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data)</b>					
		<i>Total</i>		<i>Inter-National Level</i>		
	<i>Editor</i>	--		--		
	<i>EB</i>	2		2		
	<i>Peer Reviewer</i>	2		2		
<b>27.</b>	<ul style="list-style-type: none"> <li>• Dr Akshay Shetty- 1-Editorial Board Member Of International Journal Of Anaesthesiology And Research ,2-Editorial Board Member In National Editorial Advisory Board Of Indian Journal Of Clinical Anaesthesia.</li> <li>• Dr Vinod Kharde- 1- Editorial Board Member Of International Journal Of Anaesthesiology And Research, 2 – Editorial Board Member For International Journal-Global Anaesthesia And Perioperative Medicine</li> </ul> <p>Faculty recharging strategies (UGC, ASC/ MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data) Annexure 3</p>					
	<b>Sr. No.</b>	<b>Type of the Programme</b>	<b>No. of FDPs participated</b>			<b>Total</b>
			<b>College Level</b>	<b>State / University Level</b>	<b>National Level</b>	<b>International Level</b>
	1	Orientation/Refresher/MET/CME	--	47	--	--
	2	Workshop/Seminar/Symposium/conferences	--	8	5	2
	3	FDPs (guest lecture, training, CM, CPC, etc.)	--	--	3	--
<b>28.</b>	<b>Students Projects:</b>					
	<b>PG Dissertations</b>					
	<b>Ongoing (Annexure 4)</b>		<b>Completed (Annexure 5)</b>		<b>Total</b>	



		8		17		25	
		<i>Details of PG dissertations</i>		:		<i>given in the annexure</i>	
29.	<i>a) Research Awards/recognitions received at the national and international level (5 Years data)</i>						
	Dr.Anuj Malik –University Gold Medal (PIMS-DU) DR.Tulika Mittal-ICMR project ,2014 ---- National Level						
30.	<i>a) Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized-</i>						
	<i>2 workshops</i>						
	b)	Sr.No	Name of the Event CME workshop	Sponsoring Agency	Level of Organization-	No. of Resource Person /Experts	No. of Delegates
1		Recent advances in pain management and labour analgesia	Drager Ashmera B-Brown NEON	STATE level	04	240	24 <sup>th</sup> Oct 2015
2		CPR BLS & ACLS	IIEMS (Indian institute of emergency medical sciences Hyderabad)	University level ( PIMS DU)	06	45	9 <sup>th</sup> Aug 2016 to 11 <sup>th</sup> Aug 2016
31.	<i>Code of ethics for research followed by the departments</i>			:	Approval from Ethics Committee of PIMS(DU)-As per ICMR recommendation		
32.	<i>Student Profile programme-wise</i>			:			
a) PG Programme Name of the Programme :							
Academic Year		No. of Application Received for PG CET		CET Pass %	No of Students Selected through CET		
					M	F	T
2011-12		513		73.9	49	11	60
2012-13		382		76.83	47	18	65
2013-14		321		73.40	38	22	60
2014-15		408		79.94	45	19	64
2015-16		371		80.05	40	21	61
No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year							
Academic Year of Outgoing batch				No. of Students			
		Appeared		Pass	Pass %		
2011-12	MD-1		1		100		
	DA-2		1		50		
2012-13	MD-2		2		100		
	DA-3		3		100		
2013-14	MD-2		2		100		
	DA-2		2		100		
2014-15	MD-4		4		100		
	DA-2		1		50		
2015-16	MD-4		4		100		
	DA-3		3		100		
b) UG Students Name of the subject and course							
Academic	No. of	CET Pass %	No of Students Selected for UG Course				



	Year	Application Received				
			M	F	T	
	2010-11	--	--	--	--	
	2011-12	2257	68.42	54	71	125
	2012-13	3568	66.85	56	69	125
	2013-14	2913	70.21	65	60	125
	2014-15	2496	65.76	53	72	125
	2015-16	2778	64.09	61	64	125
<b>33.</b>	<b>Diversity of Students : a) PG Programme</b>					
	Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries
		2010-11	1 and 33.33	2 and 66.67	--	
		2011-12	--	2 and 50	1 and 25	--
		2012-13	2 and 50	2 and 50	--	--
		2013-14	--	1 and 25	3 and 75	--
		2014-15	--	4 and 100	--	--
		2015-16	1 and 25	--	3 and 75	--
<b>34</b>	<b>How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.)—PG CET etc.) ECFMG ( Educational Commission for Foreign Medical Graduates), EICS ( ECFMG Credential Services) : 104</b>					
<b>35.</b>	<b>Student progression:</b>		<b>Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)</b>			
	Student Progression		% against enrolled			
I	UG – PG Studies		25 % from PIMS			
	PG – SS		3 (20%)			
	PG – Ph. D.		NIL			
	UG to employment		Campus selection – off Campus selection			
	PG to employment		Campus selection – off Campus selection			
	UG / PG to Entrepreneur					
<b>36.</b>	<b>Diversity of Staff as on this day</b>					
	<b>Number and % Diversity of Staff ( as on this day ) belonging to Same State/UT</b>			<b>% Staff who have obtained PG Degree from</b>		
	<b>No.-11%-91.66</b>			Parent University -No.- 4 & 33.33%		
	<b>Other States No.-1&amp;%-08.33</b>			Other Universities of the State No. -6 & 50%		
				Other State University No.- 2 & 16.67%		
<b>37</b>	<b>Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) : NIL</b>					
<b>38.</b>	<b>Present details of departmental infrastructural facilities with regard to:</b>					
	<b>A) Infrastructural facility (Common to all departments)-seminar room</b>					
	<b>a) Library (dept): No. of Collections Book/Journal/ Project Report Central Library books and Journal belonging to our department (both print and e mode)</b>			: 333 books in central library(Annexure 6) 114 books in department library (Annexure 7) 13 journals-3 indian and 10 international - (Annexure 8)		
	<b>b) Internet facilities for staff and students</b>			: YES		
	<b>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive &amp; Inclusive)</b>			: Class Rooms--5, Demo Rooms--1 Seminar Halls--1 Auditorium---1		



<i>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive)</i>		:	Seminar hall with ICT facility-1		
<i>e) Students laboratories at the Department</i>		:	NA		
<i>f) Research Laboratories of the Dept.</i>		:	YES		
<i>g) Museum at the Department and no. of specimen, charts, Modules etc.</i>		:	Charts-56 Modules-108		
<i>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)</i>		:	Work Station- Drager12 GE Ohmeda-6 Multi-Parameter Monitors 18, Multichannel Patient Monitor with 2 Display, Defibrillator with monitor with pace & ECG System, Bypass Heart Lung Machine, Autoclave Machine- Gettinge Horizontal Fiberoptic Laryngoscope Defibrillator Biphasic Bene Heart D6		
<b>B) Clinical learning resource data (as submitted to MCI/ DCI/ INC/ Others/ UGC)-</b>					
(a) Beds	(b) Units	(c) Special Clinics	(d) ICUs	(e) Wards	(f) OTs
NA	NA	PAC room, pain clinic	26 BEDS	NA	17(details attached in anexure)
(g) OPD Patients / day( Average )		(h) IPD Patients / day ( Average )	(i) Operation / day		(j) Diagnostic Tests
			Major	Minor	O P D IPD
25-30		NA	15	30	2 0 - 2 5 NA
<i>(k) Patient's Feedback</i>		<i>(l) SOPs</i>		<i>(m) Submission of Compliance /Follow-up Reports to National /State Agencies</i>	
satisfactory		YES		Centrally by statistics department	
<b>C) Para clinical learning resource (CCL Radiology&amp; Departmental Diagnostic Lab) Data &amp; Report : Details on Sophisticated diagnostic equipments and facilities , No. of diagnostic tests (Average per day and annual)---YES</b>					
<b>D)Sharing and usage of the resources of other Departments (For Diagnosis and Research as well</b>			:	CCL , Radiology	
<b>39.</b>	<b>No. of doctoral post- doctoral students and Research Associates /PDF working</b>			:	NIL
<b>40</b>	<b>(a) Number of students getting financial assistance from the university-- PG and Ph.D. Students getting assistance from the University—Stipend for PG student</b>				
<b>41.</b>	<b>Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology : YES ,While introducing MD &amp; DA COURSES</b>				
<b>42.</b>	<b>Does the department obtain feedback from</b>				
Sr.No.	From	Yes/No	Feedback Manual / Digital		How the feedback analysis is used for improvement



	1	Student	YES	Both Manual & Digital	Feedback taken in account and improvement of the departmental activity is done accordingly
	2	Faculty	YES	Both Manual & Digital	
	3	Alumni / Parents/ Employer	YES	Both Manual & Digital	
43.	<i>List the distinguished alumni of the department (Maximum 10) ( UG student or PG Student belonging to the subject)--</i>			:	Dr. Shrikant Upasani, Dr. Narendra Ladge, Dr. K Mohan Rao, Dr. Atul Patil, Dr Anita Agashe Joshi, Dr. Jeenendhar Gothi, Dr. Uttam Sidhaye, Dr. Vivek Shrivastava, Dr. Uttam Sidhaye, Dr. Vivek Shrivastava, Dr. Ashwini Shinde, Dr. Mandar Galande
44.	<i>Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</i> <b>Department conducts seminar, workshops, and training as a routine program throughout the year. All the PG students are involved in organization as well participate in them.</b>				
45.	<i>a) List the teaching methods adopted by the faculty for different programmes : ICT enabled students centric approach with group discussions.</i> <i>b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling, )- YES , mentorship, orientation, induction and remedial counselling is done by faculty members.</i>				
46.	<i>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?--by doing quaterly review of the students</i>				
47.	<i>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive)-</i> <i>s) Involvement of student and faculty in various type of extension activity organized by the dept.</i>				
	Sr. No.	No. of Camps/Workshops/ Surveys/Training/Rallies/Lectures/Celebrations/ any other events.	Academic Year	No. of Beneficiaries	
	1.	ACLS/BLS	2013-14	1000	
	2.	Awareness of anesthesia in general public	2014-15	1000	
48.	<i>Give details of “beyond syllabus scholarly activities” of the department : YES , Symposium and seminars, CME’S (Annexure attached)</i>				
49.	<i>State whether the programme / department is accredited / graded by other agencies? -NO</i>				
50.	<p><i>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied ( based on published research articles, paper, projects, books, Patents etc.</i></p> <ul style="list-style-type: none"> <li>● DEXMETOMIDINE for sedation and pain relief</li> </ul> <p><i>b) Salient and unique feature of Department.</i></p> <ul style="list-style-type: none"> <li>● Services to oromaxillofacial surgery patients</li> <li>● Anesthesia facility for radio-diagnosis</li> <li>● Anesthesia facility for radiotherapy</li> <li>● Anesthesia facility for casualty</li> </ul> <p><i>c) Innovation of the Department. -</i></p> <ul style="list-style-type: none"> <li>● Submental intubation</li> <li>● Supraglottic airway devices</li> <li>● Flexible fibre optic intubation</li> </ul> <p><i>d) Best practice of the Department-</i></p> <ul style="list-style-type: none"> <li>● Regular PG teaching program</li> <li>● BLS , ACLS , training to interns and para-medicals.</li> <li>● BLS , ACLS, training of staff and students of non-medical institutes of Loni.</li> <li>● Regular health checkup of preoperative patients.</li> <li>● Pain management services</li> </ul>				





<b>51.</b>	<b><i>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department : (Important or major ones) in bullet form.SWOC</i></b>	
	Strength	<ul style="list-style-type: none"> <li>● Modular OT</li> <li>● Super specialist faculty in cardiac anesthesia, pain , critical care</li> <li>● Provision of services with international standards</li> <li>● Value based education to students</li> </ul>
	Weaknesses	<ul style="list-style-type: none"> <li>● No add-on courses</li> <li>● Super-speciality teaching services not available</li> <li>● Research and publication work is less</li> </ul>
	Opportunities	<ul style="list-style-type: none"> <li>● Availability of all types of patients</li> <li>● Work with most advanced equipment</li> </ul>
	Challenges	<ul style="list-style-type: none"> <li>● To work in rural area</li> </ul>
<b>52.</b>	<b><i>Future Plan</i></b>	
	<ul style="list-style-type: none"> <li>● To start a few certificate courses in department</li> <li>● To start training in super specialty anesthesia work</li> <li>● To start simulator laboratory</li> <li>● To improve knowledge about anesthesia in general public and undergraduates</li> <li>● USG guided blocks</li> <li>● Disaster management services with other department</li> </ul>	

----Sd/---

**Name & Signature  
(Head of the Dept.)**

----Sd/---

**Name & Signature  
Dean of the College**





## Department of Radiodiagnosis



**Rural Medical College**  
**Pravara Institute of Medical Sciences**  
**(Deemed University)**



**Pravara Institute of Medical Sciences (Deemed University)  
Institution: Rural Medical College, Loni  
Departmental Evaluative Report  
Based on the date of 5 years: 2011 - 16**

1.	<i>Name of the Department</i>		:	<b>RADIODIAGNOSIS</b>		
2.	<i>Year of establishment</i>		:	1976		
3.	<i>Is the Department part of a School/Faculty of the university?</i>		:	YES		
4.	<i>a) Names of programmes offered</i>		:	<b>As on this day</b>		
	Prog.	Course / Subject Radiology	Year of Establishment	Intake per year	Fresh enrollment	Total Student Strength
	UG	MBBS	1984	125	125	472
	PG	MD	1994	03	3	09
	P.G. Diploma	DMRD	1994	02	2	00
	Ph.D	PhD	2005			02
	Any other (Certificate)	CERT. X.RAY TECHNICIAN COURSE	1981	10	2011-12=03 2012-13=04 2013-14=04 2014-15=08 2015-16=08	09
	Total					
	<i>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</i>					
	<b>UG:</b>	15 days clinical posting Radiotherapy department				
	<b>MD:</b>	4 Theory paper + 1 Practical + 1 Viva + Dissertation = 800 Marks				
	<b>DMRD:</b>	3 Theory paper + 1 Practical + 1 Viva = 600 Marks				
	<i>c) Latest revision of curriculum/ syllabus in 08/08/2015 Year and their salient features- Annexure attached.</i>					
	<i>d) Contribution of faculty to curriculum design and Development (CDD) as</i>					
	i) Member / chairman BOS/ Faculty/ BOE at parent university and other universities. <b>Annexure attached</b>					
	ii) Organization of CDD workshops at the Dept / University-NIL					
	iii) Participation in curriculum design and development workshops at university/Department-NIL					
6.	<i>Courses in collaboration with other universities, industries, foreign institution etc</i>			NIL		
7.	<i>Details of programs discontinued, if any with reasons</i>			NIL		
8.	<i>Examination System</i>			<b>Annual</b>		
9.	<i>Participation of the department in the courses offered by other departments</i>			OBGY – ANC – USG, Mammography Ortho- X-rays, MSK -USG, CT scan , MRI Medicine- USG- abdoelvis , MRI, CT scan Pediatrics- Neurosonography, USG-abdoelvis, X-ray, CTscan,MRI		
10.	<i>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</i>					
	<i>(a) Teachers</i>					
	<i>S.N.</i>	<i>Required as per MCI /DCI / INC/ UGC / Other Statutory bodies</i>	<i>Actual Faculty Strength (Recruited or filled)</i>			
			<i>Male</i>	<i>Female</i>	<i>Total</i>	
	<i>i</i>	Professor	04	00	04	
	<i>ii</i>	Associate Professor Reader	02	00	02	
	<i>iii</i>	Assistant Professor Lecturer	01	00	01	



<b>Sub Total( I to i</b>		<b>07</b>	<b>00</b>	<b>07</b>			
<b>vi</b>	Senior Resident	04	02	04			
<b>vii</b>	Junior Resident	Jr 1-05	02	03			
	Jr 2 -05		03	02			
	Jr 3-03		02	01			
<b>Sub Total( iv to vii)</b>			09	08			
<b>Grant Total ( i to vii)</b>			16	08			
<b>(b)</b>							
<b>Qualification Profile of Teachers</b>			<b>M</b>	<b>F</b>			
<b>With P.G. Degree Only</b>			07	00			
<b>11</b>	<b>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</b>						
	<b>a) Faculty (as UG/PG teachers) (Internal):</b>						
Sr. No	Name of Teaching Staff	Qualification	Designation	Area of Specialization	Teaching Experience in Years	No. of PG Students	
						Guiding	Guided
1	Dr. V.N. MARATHE	MD, DMRD	Prof.& HOD	MRI,CT SCAN,X-RAYS	28 yrs 5 mths	02	
2	Dr.D.S. Kulkarni	MD, DMRD	Prof.	X-RAYS	38 yrs 4 mths	02	02
3	Dr.R.D. Kawade	DMRD, DNB	Prof.	CT SCAN,X-RAYS, USG	23 yrs 10 mths	04	01
4	Dr.Y.P. Sachdeo	MD	Prof.	MRI,CT SCAN,X-RAYS	14 yrs	01	01
5	Dr.S.P. Dhawane	MD	Asso. Prof	MRI,CT SCAN,X-RAYS, USG	20 yrs 07 mths	00	00
6	Dr M. D. Sawale	MD	Asso. Prof.	MRI,CT SCAN,X-RAYS, USG	15 yrs 03 mths	00	00
7	Dr.S.M. Desai.	MD,DNB	Assist. Prof	MRI,CT SCAN, X-RAYS, USG	13 yrs 08 mths	00	00
	<b>(b) Faculty of the Department as Ph.D. Guides (Internal as well as External) (as on this day)- NIL</b>						
<b>12</b>	<b>List of senior Visiting Fellows, adjunct faculty, emeritus professors- Nil</b>						
<b>13</b>	<b>Percentage of classes taken by temporary faculty programme wise information</b> : NA						
<b>14</b>	<b>Programme wise Teacher Student Ratio : Teacher Student Ratio</b>						
	<b>Programme</b>						
	<b>UG</b>						
	<b>PG</b> : 1:1						
	<b>Ph.D.</b> : 1:1						
<b>15</b>	<b>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</b>						
Sr. No.	Staff	Filled / Actual					
		M	F	Total			
1	Administrative	02	01	03			
2	Technical	26	00	26			





	3	Support	02	01	03
		Total	30	02	32
<b>16</b>	<i>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</i>				
	<ol style="list-style-type: none"> <li>1. ULTRASOUND</li> <li>2. COLOR DOPPLER</li> <li>3. COMPUTED TOMOGRAPHY</li> <li>4. MRI</li> <li>5. MAMMOGRAPHY</li> <li>6. X-RAY</li> <li>7. DSA</li> </ol>				
<b>17</b>	<i>Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise : (For the last 5 Years) NIL</i>				
<b>18.</b>	<i>Inter- institutional collaborative projects of faculty &amp; associated grants received (including clinical trials) excluding those included a Sr. No.16) (For the last 5 Years) (as on this day) NIL</i>				
<b>19</b>	<i>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)- 3 ICMR STS Projects of the Student</i>				
<b>20.</b>	<i>(a) Research Facility / Center and recognition by state / National / International agencies.(as on this day)</i>			Research Cell, central research lab, animal house, PIMS(DU), Research institute Scheme and Chancellor's rolling trophy for best publication, Student research grant.	
	<i>In the department (Details of facilities in brief)</i>			Annexure attached	
	<i>In other department (Details of facilities by the department) used by us.</i>			NO	
	<i>In other college ( Details of facilities used by us)</i>			NO	
	<i>At central level ( Details of facilities used by us)</i>			NO	
<b>21.</b>	<i>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization of any.</i>			NO	
<b>22.</b>	<i>Publication data of last 5 years Publications in peer reviews journals and conference proceeding (ISSN)</i>			<i>National 31 International - 37 Total 68</i>	
	<i>No. of Monographs (ISBN/NON ISBN)</i>			:	<b>Dr.Sushil Kachewar Member of Editorial Board Indian Journal of Applied Radiology</b>
	<i>No. of Books Published (ISBN/NON ISBN)</i>			:	<b>Dr.D.S.Kulkarni Chief Editor of Pravara Medical Review, Official Publication of PIMS-</b>
	<i>No. of Edited Books (ISBN/NON ISBN)</i>			:	NIL
	<i>No. of chapters in Books with details of publishers (ISBN/NON ISBN)</i>			:	NIL
	<i>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.)- 68</i>				
	<i>Research publication included and listed in international database are 38/1906 Out of total publication.</i>				
	<i>No. of Citation Index – range / average</i>			:	<b>Details given in Criteria III and Emerge Data</b>
	<i>SNIP</i>			:	
	<i>SJR</i>			:	
	<i>Impact Factor- range/average</i>			:	
	<i>h-index</i>			:	



23.	<b>Details of patents filed / granted and income generated (5 Years data)</b> No. of Patents: one Dr.Sushil Kachewar and Dr.S.G.Gandage, application NO-3032/MUM/2011 A, Applied on 27/10/2011 and Granted on 23/12/2011. TITLE of the invention: Nomogram Of Peak Systolic Velocities Of Fetal Middle Cerebral Arteries And Classification Of Patterns Of These Waves In Indian Obstetric Population.									
24.	<b>Areas of consultancy and income generated(5 Years data)</b>			: Honorary Consultancy						
25.	<b>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data)- NIL</b>									
26.	<b>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data) Annexure attached: 7 faculty are on committee of PIMS-DU</b>									
	<b>(a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data)- Nil</b>									
	<b>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data) Nil</b>									
27.	<b>Faculty recharging strategies (UGC, ASC/MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data) Attended MET &amp; FDPs of PIMS-DU</b>									
28.	<b>Students Projects:</b> The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)									
	Sr. No.		UG Projects (Including ICMR, STS)			PG Projects (PG Dissertations)				
			Ongoing	Completed	Total	Ongoing	Completed	Total		
			00	03	03	06	13	19		
	<b>Percentage of students who have done in house projects including inter departmental project</b>					: 100%				
	<b>Percentage of students doing projects in collaboration with other universities/industry/institute</b>					: -----				
	<b>Details of PG dissertations are given in the annexure</b>					: YES – Annexure attached				
29.	<b>a) Research Awards/recognitions received at the national and international level (5 Years data)</b>									
	Sr. No.	Received by	No. of Awards				Recognitions			
			International	National	State/ University	Total	International	National	State/ University	Total
	1	Faculty	00	03	00	03	00	00	00	00
	2	Student UG	00	00	05	05	00	00	00	00
	3	Student PG / Ph.D	00	00	00	00	00	00	00	00
		Total	00	03	05	08	00	00	00	00
	<b>b) General awards of faculty and students (other than Research, for teaching extension, social service)</b>									
	<b>(i) For Academic (Teaching) service for faculty (5 Years data)</b>									
	<b>Dr.Sushil Kachewar:-</b>									
	1.First Prize For Best Research Paper In Chancellor Rolling Trophy 2011									
	2. First Prize For Best Research Paper In Chancellor Rolling Trophy 2012.									
	3. First Prize In Fetal Mca Doppler Avishkar 2012									
	4. First Prize In Medicine And Pharmacy Discipline Under Teachers Category In Avishkar 2013 January.									
	<b>(ii) General Awards to Faculties &amp; Student for Social service / Extension activities. (5 Years data)- NIL</b>									
30.	<b>Seminars/Conferences/Workshop/Skill based/Training workshops (CMes/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data)- NIL</b>									
31.	<b>Code of ethics for research followed by the departments</b>			: ICMR,IC-DU(ICMR-2000 Guidelines)						
32.	<b>Student Profile programme-wise</b>			:						



a) PG Programme Name of the Programme:									
Academic Year	No. of Applications Received	CET Passing %	No. of Students Selected for MBBS						
			Male	Female	Total				
2011-12	2257	68.42	54	71	125				
2012-13	3568	66.85	56	69	125				
2013-14	2913	70.21	65	60	125				
2014-15	2496	65.76	53	72	125				
2015-16	2778	64.09	61	64	125				
Academic Year	No. of Applications Received	CET Passing %	No. of Students Selected for PG Courses						
			Male	Female	Total				
2011-12	513	73.90	49	11	60				
2012-13	382	76.83	47	18	65				
2013-14	321	73.40	38	22	60				
2014-15	408	79.94	45	19	64				
2015-16	371	80.05	40	21	61				
2016-17	250	64.91	25	41	66				
No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year									
Academic Year of Outgoing batch	No. of Students					% of Pass student with			
	Appeared		Pass		Pass %	I <sup>st</sup> Class		I <sup>st</sup> Class with Distinction MD	
	MD	Dip	MD	Dip	MD	Dip	MD	Dip	
2011-12	01	02	-	02	-	100	-	-	-
2012-13	01	01	01	01	100	100	01	01	01
2013-14	03	03	03	03	100	100	-	-	-
2014-15	03	02	03	01	100	50	01	-	-
2015-16	03	02	01	01	33.33	50	-	-	01
<b>33. Diversity of Students : a) PG Programme</b>									
Name of the Course refer to question no. 4	Year	No. and % of students from same university		No. and % of students from other universities within the state		No. and % of students from Universities outside the state		No. and % of students from other Countries	
		MD	%	MD	%	MD	%		
	2011-12	-	-	02	66.67	01	33.33	-	-
	2012-13	-	-	03	100	-	-	-	-
	2013-14	01	33.33	01	33.33	01	33.33	-	-
	2014-15	-	-	03	100	-	-	-	-
	2015-16	-	-	02	66.67	01	33.33	-	-
<b>34 How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.)- :ECFMG (Educational Commission for Foreign Medical Graduates)/EICS( ECFMG International</b>									



<b>Credential Services) - 104</b>			
35.	<b>Student progression:</b>	:	<b>Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)</b>
	Student Progression		% against enrolled
	I	UG – PG Studies	6
36.	<b>Diversity of Staff as on this day</b>		
	<b>Number and % Diversity of Staff ( as on this day ) belonging to Same State/UT 7 No. &amp; 100 %</b>		<b>% Staff who have obtained PG Degree from Other Universities of the State 7 No. &amp;....100.%</b>
37	<b>Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date):</b> <b>Ph.D Awarded:- 1.Dr.Sushil Kachewar</b> <b>under processing:- 1.Dr.D.S.Kulkarni</b> <b>2.Dr.R.D.Kawade</b>		
38.	<b>Present details of departmental infrastructural facilities with regard to :</b>		
	<b>A) Infrastructural facility (Common to all departments)</b>		
	<b>a) Library (dept): No. of Collections Book/Journal/ Project Report Central Library books and Journal belonging to our department (both print and e mode)</b>	:	<b>Books, publications. (from research cell):-</b> 1. Pravara medical review is a quarterly journal published in march, June, September and December is being issued by the department which consists of original articles and case reports of different departments which will help in departmental research facilities. 2. Total journals available in radiology - 09 Foreign journals-07 Indian journals -02 E.jrl available-57 E books available -20
	<b>b) Internet facilities for staff and students</b>	:	Seminar room, demonstration room, departmental museum, departmental library, a separate rooms for HOD, Professor and Associate professors, Resident rooms separate for males and females residents,A separate room for ANC USG, abdominal ultrasonography, CT, MRI, X-ray, X ray mammography and reporting rooms- annexure attached.
	<b>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium (Exclusive &amp; Inclusive)</b>	:	Class Rooms--1---Demo Rooms---1--- Seminar Halls -1 Auditorium- 1
	<b>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive)</b>	:	Available
	<b>f) Research Laboratories of the Dept.</b>	:	<b>1 museum</b>
	<b>g) Museum at the Department and no. of specimen, charts, Modules etc.</b>	:	As per MCI norms
	<b>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)</b>	:	MRI, CT, USG, Digital X-ray
	<b>C) Para clinical learning resource (CCL Radiology &amp; Departmental Diagnostic Lab) Data &amp; Report : Details on Sophisticated diagnostic equipments and facilities , No. of diagnostic tests</b>		



Parameters	2011	2012	2013	2014	2015
Total No.Of Conventional Radiology (X-Rays)	46955	55256	54410	58434	60234
Total No.Of Contrast Radiology(Ba.Ivp)	219	302	283	199	175
Total No.Of Ultrasound (Gray Scale)	28058	33037	33448	34643	42858
Total No.Of Ultrasound (Colour Doppler)	1408	1450	1848	2506	2912
Ultrasound Guided Fnac	181	194	207	343	523
C T Scan	2692	3402	3122	4352	4393
C T Guided Biopsy/Fnac	08	12	10	23	08
Ultrasound Guided Aspiration Etc.	11	09	13	26	47
Mri(Plain And Contrast)	4300	5932	6699	6756	7507
Angiography(Conventional/Dsa)	03	07	22	10	03
Mammography	78	98	299	357	365
<b>Grand Total</b>	<b>83913</b>	<b>99601</b>	<b>100062</b>	<b>107649</b>	<b>119025</b>
39.	<i>No. of doctoral post- doctoral students and Research Associates / PDF working</i> : NIL				
	Number of Research Pdf/RA receiving fellowship from central agency / University----- No. of Ph.D. Awarded by the Dept during last 5 years: 1				
40.	<i>Number of students getting financial assistance from the university-All PG students gets stipend as per norms</i>				
41.	<i>Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :Needbased analysis done while introducing MD Radiology and MD oncology</i>				
42.	<i>Does the department obtain feedback from</i>				
	Sr.No	From	Yes/No	Feedback Manual / Digital	How the feedback analysis is used for improvement
	1	Student	Yes	Both	Improvement of Teaching, Learning, Evaluation and infrastructure
	2	Faculty	Yes	Both	
	3	Alumni / Parents/ Employer	Yes	Both	
43.	<i>List the distinguished alumni of the department (Maximum 10) ( UG student or PG Student belonging to the subject)</i> : Name and designation with address				
	Sr. No.	Name & Designation	Details at the PIMS University & Year		Place of work of alumni
	1	DR. B. SAIRAM	UG-2007, PG-2012		Hyderabad
44.	<i>Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</i> <b>The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under- Annexure Attached</b>				
45.	<i>a) List the teaching methods adopted by the faculty for different programmes:</i> <i>b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling, )</i>				
46.	<i>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? - By six monthly progress reports</i>				
47.	<i>Highlight the participation of students and faculty in extension activities:Guest Lectures</i>				
48.	<i>Give details of “beyond syllabus scholarly activities” of the department :NIL</i>				
49.	<i>State whether the programme / department is accredited / graded by other agencies? If yes, give details</i> <b>Yes- AUTOMIC ENERGY REGULATORY BOARD, GOVT. OF INDIA.</b>				





50.	<p><i>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied (based on published research articles, paper, projects, books, Patents etc.</i></p> <p><i>b) Salient and unique feature of Department. (a) Unique / Salient Features ( 5 bullets )</i></p> <ul style="list-style-type: none"> <li>• <i>There is complete digitization of the department with picture archiving and computing devices. Will allow digital transfer of images to all wards and OPD of the hospital.</i></li> </ul> <p><i>(b) Innovations (5 bullets)</i></p> <ul style="list-style-type: none"> <li>• <i>A new ANC set up has been done exclusively for ANC patients with 2 new USG machines.</i></li> <li>• <i>Installation of 64 rows and 128 slice CT SCAN was done.</i></li> <li>• <i>DSA machine was installed.</i></li> </ul> <p><i>(c) Best Practices ( 5 bullets )</i></p> <ul style="list-style-type: none"> <li>• <i>Charges- X-ray and USG Free of cost for children less than 12 yrs of age, x ray mammography free of cost for females referred from our OPD, ANC USG free of cost for females who are under SIDA project, DSA free of cost.</i></li> </ul> <p><i>Musculoskeletal ultrasonography ,colour Doppler's is done on large scale.</i></p>										
51.	<p><i>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department : (Important or major ones) in bullet form.</i></p> <p><b>SWOC</b></p> <table border="1" data-bbox="313 779 1386 951"> <thead> <tr> <th>Strength</th> <th>Opportunities</th> </tr> </thead> <tbody> <tr> <td>MRI</td> <td>DWIBS, Spectroscopy</td> </tr> <tr> <td>CT scan</td> <td>CT Guided biopsy, CT Angiography</td> </tr> <tr> <td>DSA</td> <td>Interventional Radiology</td> </tr> <tr> <td>IITV(Fluroscopy)</td> <td>Barium Procedures</td> </tr> </tbody> </table>	Strength	Opportunities	MRI	DWIBS, Spectroscopy	CT scan	CT Guided biopsy, CT Angiography	DSA	Interventional Radiology	IITV(Fluroscopy)	Barium Procedures
Strength	Opportunities										
MRI	DWIBS, Spectroscopy										
CT scan	CT Guided biopsy, CT Angiography										
DSA	Interventional Radiology										
IITV(Fluroscopy)	Barium Procedures										
52.	<p><b>Future Plan</b></p> <p><b>1) Year 2016-2017</b></p> <ul style="list-style-type: none"> <li>• <i>To install cassette less Digital radiography in the department.</i></li> <li>• <i>Two new 800 ma x-ray machines with IITV facility.</i></li> </ul> <p><b>2) YEAR 2017-2018</b></p> <ul style="list-style-type: none"> <li>• <i>Purchase of another high end state of art Color Doppler Machines</i></li> <li>• <i>To purchase elastography machines for better differentiation of benign from malignant lesions.</i></li> </ul> <p><b>3) YEAR 2018-2019</b></p> <ul style="list-style-type: none"> <li>• <i>Purchase of 4 slice CT machine for casualty.</i></li> </ul> <p><b>4) YEAR 2019-2020</b></p> <ul style="list-style-type: none"> <li>• <i>Installation of Bone Mineral Densitometry</i></li> </ul> <p><b>5) Year 2020-2021</b></p> <ul style="list-style-type: none"> <li>• <i>Installation of PET-CT</i></li> </ul>										

---Sd/---  
Name & Signature  
(Head of the Dept.)

---Sd/---  
Name & Signature  
Dean of the College



## Department of Obstetrics and Gynaecology



**Rural Medical College**  
**Pravara Institute of Medical Sciences**  
**(Deemed University)**





**Pravara Institute of Medical Sciences (Deemed University)  
Institution: Rural Medical College, Loni  
Departmental Evaluative Report  
Based on the date of 5 years: 2011- 2016**

1.	<i>Name of the Department</i>		:	<b>OBSTETRICS &amp; GYNAECOLOGY</b>								
2.	<i>Year of establishment</i>		:	1984								
3.	<i>Is the Department part of a School/Faculty of the university?</i>		:	Yes								
4.	<i>a) Names of programmes offered</i>		:	As on this day								
	Prog.	Subject / Course OBYG	Year of Establishment	Intake per year	Fresh enrollment for academic year	Total Student Strength						
	UG	MBBS	1984	125	125	472						
	PG	MS	1991	05	05	15						
	P.G. Diploma	DGO	1995	04	04	08						
	Ph.D	PhD	2000	0	0	0						
	Total			134	134	495						
	<i>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</i>											
	Name of Subject & course	Total Hours of Teaching – Learning			No. of Papers & Practical to be Taught		Marks for University exam					
	OBYG	Th	Pra	Total	Paper	Pra	Paper	Pra	Viv a	Disserta tion	Tota l	
	UG (MCI)	2-years	140	160	300	2	-	150	150		---	300
	PG (MCI)	3-years	6	-		4	1	400	400		√	800
	PG Dip. (MCI)	2- years	4	-	-	3	1	300	300			600
	<i>c) Latest revision of curriculum/ syllabus in -2012 Year and their salient features.-</i>											
	1.Addition of resent advance in the subject - 4 topics-1. Bioethics 2.Communcation Skills 3. Recent advances in infertility 4. Palliative are in Gynaecology											
	2.Deleted topics- 1 topics- Hormone replacement therapy											
	<i>d) Contribution of faculty to curriculum design and Development (CDD) as</i>											
	i) Member / <u>chairman</u> BOS/ <u>Faculty</u> / BOE at parent university and other universities. All senior faculty members are members of the board of studies and HOD is presently holding the post of Chairman of board of studies. All faculty members contribute in designing , development and revision of the syllabus.											
	ii) Organization of CDD workshops at the Dept / University- Yes done through MET unit of University.											
	iii) Participation in curriculum design and development workshops at university/Department- Yes done through MET unit of University.											
5.	<i>Interdisciplinary programmes offered by the Department and department involved</i>											
	Name of Programs offered by our department						Involved Departments					
	1. Perinatology conference						Paediatrics					
	2.Maternal death review meetings						Anaesthesia, Forensic Medicine, Pathology, Blood bank, College of Nursing					
	3.Revisiting Anatomy –residents training programme in pelvic surgery on cadaver						Anatomy					
	<i>Nature of involvement:Senior faculty members are involved in training of postgraduate students</i>											
6.	<i>Courses in collaboration with other universities, industries, foreign institution etc</i>									Nil		
7.	<i>Details of programs discontinued, if any with reasons</i>									Nil		
8.	<i>Examination System</i>									Annual		
9.	<i>Participation of the department in the courses offered by other</i>						Department is actively involved in					





	<i>departments</i>		courses offered by centre for social medicine, Preventive and Social Medicine.				
10	<b>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</b>						
	<i>(a) Teachers</i>						
	S.N.	Required as per MCI /DCI / INC/ UGC / Other Statutory bodies		Actual Faculty Strength (Recruited or filled)			
				Male	Female	Total	
	i	Professor		2	--	2	
	ii	Associate Professor Reader		1	3	4	
	iii	Assistant Professor Lecturer		6	2	8	
	Sub Total( I to iii)		11	9	5	14	
	iv	Demonstrator		0	0	0	
	v	Tutor		0	0	0	
	vi	Senior Resident		4	1	5	
	vii	Junior Resident		4	17	21	
	Sub Total( iv to vii)			8	18	26	
	Grant Total ( i to vii)		24	17	23	40	
	<i>(b)</i>						
	Qualification Profile of Teachers			M	F	Total	
	With P.G. Degree Only			9	5	14	
	With higher qualification than PG (Ph.D/D.Sc.)			0	0	0	
	Other Higher Qualification (MRCP/PRCP/DM.M.Ch. etc.)			0	0	0	
	Teachers Pursuing Higher Degrees			1 (MPH)	0	0	
11	<b>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</b>						
	<b>a) Faculty (as UG/PG teachers) (Internal):</b>						
	Sr. No	Name of Teaching Staff	Qualification	Designation	Area of Specialization	Teaching Experience in Years	No. of PG Students
							Guiding      Guided
	1	Dr. V B Bangal	MD/DGO	Professor	Obst / Gyn	26	6      34
	2	Dr. Deshpande A B	MD	Professor	Obst / Gyn	20	4      10
	3.	Dr. Hangargekar AV	MD	Assoc. Professor	Obst / Gyn	16	3      4
	4.	Dr. Kanotra S K	MD	Assoc. Professor	Obst / Gyn	10	3      2
	5.	Dr. Deshpande S A	MD	Assoc. Professor	Obst / Gyn	12	2      0
	6.	Dr. Kharde P S	DGO,DNB	Assoc. Professor	Obst / Gyn	8	3      0
	7.	Dr. Karpe N S	MD	Asst. Professor	Obst / Gyn	8	1      0
	8.	Dr. Kamat D R	MD	Asst. Professor	Obst / Gyn	3	0      0
	9.	Dr. Gavhane S P	DNB	Asst. Professor	Obst / Gyn	3	0      0
	10	Dr. Chavan L G	MD	Asst.	Obst / Gyn	3	0      0



				Professor				
11	Dr. Borawake S K	MS	Asst. Professor	Obst / Gyn	3	0	0	
12	Dr. Pandit H A	MS	Asst. Professor	Obst / Gyn	3	0	0	
13	Dr. Pandit A B	MDS	Asst. Professor	Obst / Gyn	1	0	0	
14	Dr. Nene D K	MD	Asst. Professor	Obst / Gyn	5	0	0	
<b>(b) Faculty of the Department as Ph.D. Guides (Internal as well as External) (as on this day)</b>								
Sr. No	Name of the Ph.D. Guide	External or Internal	No. of Ph.D. Students of University					
			Guiding		Guided & Awarded			
1.	Dr. V B Bangal	Internal	1		0			
12	<b>List of senior Visiting Fellows, adjunct faculty, emeritus professors : (as on this day)-Nil</b>							
13	<b>Percentage of classes taken by temporary faculty programme wise information</b>				:	All Classes are held of full time teachers		
14	<b>Programme wise Teacher Student Ratio</b>				:	<b>Teacher Student Ratio</b>		
	<i>Programme</i>							
	<i>UG</i>					33.7:1		
	<i>PG</i>					1:1		
	<i>Ph.D.</i>					1:1		
15	<b>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</b>							
Sr. No.	Staff	Name of the Post	Required as per statutory Bodies	Filled / Actual				
				M	F	Total		
1	Adm.	Stenographer	1	1	0	1		
2	Administrative	Recital Clerk	1	1	0	1		
3	Technical	Technician	2	1	1	2		
4	Support	Store keeper	1	1	0	1		
		Counselor	2	1	1	2		
16	<b>Research thrust areas as recognized by major funding agencies / by the Department (as on this day) - High risk Pregnancy</b> -Maternal health -Perinatal mortality / mortality -Labour management (Electronic- Partograph)							
17	<b>Number of ongoing and completed projects undertaken by faculty -Abstract of projects</b>							
No. Project Funded by	No. of ongoing projects (a)	No. Completed Projects (b)	Total Projects (a+b)	Funds received in lakhs		Total		
				For (a)	For (b)	For a+ b		
International agensis	1	2	3	10	15	35		
National agensis	0	1	1	0	10	10		
<i>The details of projects are as follows:</i>								
<b>a) Ongoing Projects of Faculty (as on this day)</b>								
1	PI-Dr.V.B.Bangal	Jivdaya Foundation USA (Funding Agency)		Rs. 10 Lakhs Grant		3 years Duration		
<b>b) Completed Projects of the faculty (last 5 Years):UNFPA</b>								
1. PI-Prof.K.V.Somasundram Co-PI-Dr.Sunil Thitame, Dr. V. B.Bangal Project Title-1. Assessment of early Initiation of Breast Feeding patterns, Practices & Determinants among Ever								





	<p>Married Women with Special Focus on role of health care providers in feeding in selected Districts of Maharashtra.</p> <p>2. CO-PI-Dr.V.B.Bangal-Evaluation of implementation of PCPNDT-Act in Maharashtra; Funding Agency: UNFPA; Grant Received in Rs 15 lakhs; Duration: 6 month.</p> <p>3. CO-PI- Dr.V.B.Bangal- Rapid Assessment study to assess access to Safe abortion in Maharashtra; Funding Agency: UNFPA- SHSRC; Grant Received in Rs10 lakhs; Duration: 6 month..</p>							
18	<i>Inter- institutional collaborative projects of faculty &amp; associated grants received (including clinical trials) excluding those included a Sr. No.16) (For the last 5 Years) (as on this day)</i> -Nil							
19	<i>Total Research Projects (0Faculty + Collaborative + Student Projects) (5 Years Data)</i>							
	Research Projects under taken by	Data as per DER	Total Projects	On going	Completed	Amount Received Rs Lakhs		Total Rs Lakhs
						On	Completed	
1	UG student STS ICMR Projects	28	02	0	2	0	0.05	0.05
2	Research Projects of faculty Funded by National agencies	17	1	0	1	0	10	10
3	Research Projects funded by international agencies	17	3	2	1	20	15	35
	<b>Total</b>		<b>11</b>	<b>5</b>	<b>6</b>	<b>20</b>	<b>25</b>	<b>45.05</b>
20	<i>(a) Research Facility / Center and recognition by state / National / International agencies.(as on this day)</i>							
	<i>In the department (Details of facilities in brief)</i>			Dept. has a research lab with facilities of O2 incubator, laminar flow ,microscope				
	<i>In other department (Details of facilities by the department) used by us.</i>			Facilities of CCL, Radiology, Surgery, Anaesthesiology, Casualty,				
	<i>In other college ( Details of facilities used by us)</i>			Video-endoscopy set facilities for intrauterine insemination and ovum pickup				
	<i>At central level ( Details of facilities used by us)</i>			Central Molecular biology research facility at Centre for Biochemistry				
21	<i>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization of any.: Nil</i>							
22	<i>Publication data of last 5 years Publications in peer reviews journals and conference proceeding (ISSN)</i>				National-10 International-102 Total-112			
	<i>No. of Monographs (ISBN/NON ISBN)</i>			:	2			
	<i>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.)</i>							
	<i>Research publication included and listed in international database are Out of total publication.</i>							
	<i>No. of Citation Index – range / average</i>			:	225			
	<i>SNIP</i>			:	11			
	<i>SJR</i>			:	11			
	<i>Impact Factor- range/average</i>			:	-			
	<i>h-index</i>			:	7			
	<i>I 10 index</i>			:	6			
23	<i>Details of patents filed / granted and income generated (5 Years data):Nil</i>							
24	<i>Areas of consultancy and income generated(5 Years</i>		:	Paid Consultancy - 0 Revenue Generated. Rs.-0 Lakhs Honorary Consultancy – provided to NGOs, GOs, and other				



	<i>data)</i>	institutions of health sciences								
<b>25</b>	<b>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data)</b>									
	<i>Total</i>	<i>Inter-national</i>	<i>National</i>				<i>State</i>	<i>Others</i>		
	<b>1</b>	<b>0</b>	Visited KLE University Belgaum, Karnataka				<b>0</b>	<b>0</b>		
	<b>No. of faculty were selected to visit L/I/I in India and abroad. (Laboratories, Institutions, Industries) The details are as follows :</b>									
	<i>Sr. No.</i>	<i>Name of the Faculty</i>		<i>Visiting Institution / Laboratory / Industry, Name of place and Nation</i>			<i>Year of Visit</i>	<i>Purpose of Visit</i>		
	1	Dr. V B Bangal		KLE University Belgaum, Karnataka			2015	To observe community research work		
	2	Dr. V B Bangal		Nadiyadwala University Thailand			2014	To observe community research work		
	3	Dr. V B Bangal		Colombo Medical University, Sri Lanka			2014	To observe community research work		
<b>26</b>	<b>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data)</b>									
	<i>Total no. of faculty</i>	<i>Inter-national level</i>		<i>National Level</i>		<i>State Level</i>	<i>Others</i>		<i>Total</i>	
	07	1		0		0	University - 07		8	
	<b>(a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data)</b>									
		<i>Total No. of Faculty</i>			<i>Inter-National level</i>		<i>National level</i>			
	<i>Fellowship</i>	1			1		1			
	<i>Membership</i>	1			1		2			
	<i>Honor</i>	0			0		0			
	<b>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data)</b>									
		<i>Total</i>			<i>Inter-National Level</i>		<i>National Level</i>			
	<i>Editor</i>	0			0		0			
	<i>EB</i>	4			2		2			
	<i>Peer Reviewer</i>	5			3		2			
<b>27</b>	<b>Faculty recharging strategies (UGC, ASC/ MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)</b>									
	<i>Sr. No.</i>	<i>Type of the Programme</i>		<i>No. of FDPs participated</i>				<i>Total</i>		
				<i>College Level</i>	<i>State / University Level</i>		<i>National Level</i>	<i>International Level</i>		
	1	Orientation/Refresher/ME T/CME		36	24		05	02		
	2	Workshop/Seminar/ Symposium/ conferences		40	25		12	06		
	3	FDPs (guest lecture, training, CM, CPC, etc.)		35	62		10	04		
<b>28</b>	<b>Students Projects</b>									
	<i>Sr. No.</i>	<i>UG Projects (Including ICMR, STS)</i>			<i>PG Projects</i>			<i>PG Dissertations</i>		
		<i>Ongoin g</i>	<i>Completed</i>	<i>Tota l</i>	<i>Ongoin g</i>	<i>Complete d</i>	<i>Tota l</i>	<i>Ongoin g</i>	<i>Completed</i>	<i>Total</i>
	<b>1</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>5</b>	<b>5</b>	<b>10</b>	<b>15</b>	<b>10</b>	<b>25</b>
	<b>Percentage of students who have done in house projects including inter departmental project</b>									<b>100%</b>
	<b>Percentage of students doing projects in collaboration with other universities /industry / institute: Nil</b>									
	<b>Details of PG dissertations are given in the annexure: List of PG dissertation of is MS students</b>									
<b>29</b>	<b>a) Research Awards/recognitions received at the national and international level (5 Years data)</b>									
	<i>Sr.</i>	<i>Received</i>	<i>No. of Awards</i>				<i>Recognitions</i>			



No.	by								
		International	National	State/University	Total	International	National	Total	
1	Faculty	4	1	0	6	1	0	1	
2	Student UG	0	0	0	0	0	0	0	
3	Student PG / Ph.D	0	0	2	2	0	0	0	
	Total	4	1	2	8	1	0	1	
b) General awards of faculty and students (other than Research, for teaching extension, social service)									
<i>(i) For Academic (Teaching) service for faculty (5 Years data)- One for long service in PIMS Deemed University</i>									
30	<i>a) Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other)</i>								
		Total			State				
Seminar (S)		3			3				
Symposia (S)		1			1				
Conference (C)		4			4				
Workshops (W)		8			8				
FDPs		2			2				
Total		18			18				
<i>1) Publication of Abstract of the S/S/C/W - 10</i>									
<i>2) Publication of peer reviewed ISSN/ISBN numbered / proceedings of S/S/C/W - 8</i>									
b) Note : Reports on details of S/S/C/W and External Resource person, delegates attended and Proceedings etc. are given in the annexure in the following format									
Sr. No	Name of the Event S/S/C/W/FDP (CM, CME, CPC, GL, )	Sponsoring Agency	No. of Resource Person /Experts	No. of Delegates		Date and Year			
1	Workshop in IUI	PIMS	-	-	75	24-04-2011			
2	CME on Fertility enhancing procedures	PIMS	5	-	60	24-04-2011			
3	Workshop in Caesarean Skills	PIMS	8	-	60	14-08-2012			
4	CME on Obstetric Skills-Fine tuning	PIMS	5	-	60	14-08-2012			
5	Training on Lapmentor for faculty and residents	PIMS	2	-	30	20-02-2013			
6	Workshop/ Training on Partograph	PIMS	2	-	35	02-02-2013			
7	Workshop on Electronic partograph	PIMS	2	-	35	20-04-2014			
8	WEBINAR-Post partum Anaemia	PIMS	1	-	25	19-09-2014			
9	Workshop on Science of tissue management	PIMS	3	-	70	14-08-2015			
10	CME on Science of Wound healing	PIMS	3	-	60	19-04-2015			
11	CME on high risk Pregnancy, Antepartum Fetal Surveillance and pertinent perinatal issues	PIMS	5	-	62	01-03-2015			
12	Workshop on communication skills for interns and resident doctors	PIMS	3	-	60	16-01-2016			
13	Workshop on medical and surgical asepsis	PIMS	12	-	45	30-01-2016			
14	Sensitization programme on male involvement in Women health	PIMS	6	-	50	20-06-2016			
15	Seminer on male participation in	PIMS	6	-	45	27-06-2016			



	reproductive health					
16	Mini workshop on involving men in Women's health	PIMS	6	-	43	04-07-2016
17	Syposium on maternal nutrition, essential nutrients and personal hygiene	PIMS	6	-	41	08-07-2016
18	Training programme for Nurses on Electronic version of	PIMS	2	-	5	14-06-2016
<b>31</b>	<b>Code of ethics for research followed by the departments:PIMS-Research /ICMR 2015</b>					
<b>32</b>	<b>Student Profile programme-wise:</b>					
	a) PG Programme Name of the Programme :					
Academic Year	No. of Application Received for PG CET	CET Pass %	No of Students Selected through CET			
			M	F	T	
2011-12	2257	68.42	54	71	125	
2012-13	3568	66.85	56	69	125	
2013-14	2913	70.21	65	60	125	
2014-15	2496	65.76	53	72	125	
2015-16	2778	64.09	61	64	125	
No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year						
Academic Year of Outgoing batch						
	Appeared	Pass	Pass %	I <sup>st</sup> Class		
2010-11	7	6	85%	66%		
2011-12	8	8	100%	62%		
2012-13	8	8	100%	74%		
2013-14	9	9	100%	66%		
2014-15	9	9	100%	56%		
2015-16						
<b>b) UG Students Name of the subject and course</b>						
Academic Year	No. of Application Received	CET Pass %	No of Students Selected for UG Course			
			M	F	T	
2011-12	513	73.90	49	11	60	
2012-13	382	76.83	47	18	65	
2013-14	321	73.40	38	22	60	
2014-15	408	79.94	45	19	64	
2015-16	371	80.05	40	21	61	
<b>Results of University examination for the subject taught by the Department</b>						
Name of the Subject		Academic Year (For Outgoing Batch)		Pass % of Dept. Subject		
Obstetrics and Gynaecology		2010	2011	93.04 %		
		2011	2012	95.49%		
		2012	2013	93.34%		
		2013	2014	94.59%		
		2014	2015	98.24%		
		2015	2016	Awaited		
<b>Note- Give Results only for Regular Batch.</b>						
<b>33.</b>	<b>Diversity of Students : a) PG Programme</b>					
Name of the Course refer	Year	No. and % of students from same university	No. and % of students from other universities	No. and % of students from Universities		



	to question no. 4			within the state	outside the state
	MS and DGO	2010-11	8	6	6
		2011-12	7	5	8
		2012-13	8	8	4
		2013-14	7	4	9
		2014-15	8	9	8
		2015-16	7	8	10
<b>b) UG Programme</b>					
	Name of the Course refer to question no. 4	Year	No. and % of students from board within the state		No. and % of students from board outside the state
			NO OF STUD.	%	NO OF STUD. %
	MBBS	2010-11	81	64.80	44 36.20
	MBBS	2011-12	110	88	15 12
	MBBS	2012-13	115	92	10 08
	MBBS	2013-14	100	80	25 20
	MBBS	2014-15	74	59.20	51 40.80
	MBBS	2015-16	83	66.40	42 33.60
34	<b>How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise</b> - 14 Students have cleared PG CET examination- ECFM/EICS-104				
35.	<b>Student progression:</b>	:	<b>Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)</b>		
	Student Progression		% against enrolled		
	IUG – PG Studies		40%		
	PG - SS		05%		
	PG – Ph. D.		01%		
	UG to employment		Campus selection – off Campus selection -70%		
	PG to employment		Campus selection – off Campus selection- 100%		
	UG / PG to Entrepreneur		05%		
36.	<b>Diversity of Staff as on this day</b>				
	<b>Number and % Diversity of Staff ( as on this day ) belonging to</b>			<b>% Staff who have obtained PG Degree from</b>	
	<i>Same State/UT-18</i>	<i>No. &amp; 90 %</i>	<b>Parent University No. &amp;-35%</b>		
	<i>Outside State/UT-2</i>	<i>No. &amp; 10%</i>	<b>Other Universities of the State No. &amp;-55%</b>		
	<i>Other States-0</i>	<i>No. &amp; 0%</i>	<b>Other State University No. &amp;-10.%</b>		
	<i>Other Countries-0</i>	<i>No. &amp; 0 %</i>	<b>Other Countries No. &amp;-0%</b>		
37	<b>Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) :Nil</b>				
38.	<b>Present details of departmental infrastructural facilities with regard to :</b>				
	<b>A) Infrastructural facility</b>				
	<b>a) Library (dept): No. of Collections Book/Journal/ Project Report and at Central Library books and Journal belonging to our department (both print and e mode)</b>	:	Dept. has185 books and 10 project reports Books-1022 Journals-07		
	<b>b) Internet facilities for staff and students</b>	:	Available central library and at the department.		
	<b>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive &amp; Inclusive)</b>	:	Class Rooms-2 Demo Rooms-4 Seminar Halls-2 Auditorium-1 (central)		
	<b>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp;</b>	:	All classrooms have ICI facility Computers, Internet,		





	<b>Inclusive)</b>		PACS,LCD,OHP,Side projects						
	<b>e) Students laboratories at the Department</b>		:						
	<b>f) Research Laboratories of the Dept.</b>		No						
	<b>g) Museum at the Department and no. of specimen, charts, Modules etc.</b>		:						
			Dept. has research laboratory						
	<b>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)</b>		:						
			Annex II						
	<b>B) Clinical learning resource data</b>								
	<b>(a) Beds</b>	<b>(b) Units</b>	<b>(c) Special Clinics</b>	<b>(d) ICUs</b>	<b>(e) Wards</b>	<b>(f) OTs</b>			
	120	4	4	1	4	3			
	<b>(g) OPD Patients / day( Average )</b>		<b>(h) IPD Patients / day ( Average )</b>		<b>(i) Operation / day</b>		<b>(j) Diagnostic Tests</b>		
					<b>Major</b>	<b>Minor</b>	<b>OPD</b>	<b>IPD</b>	
	175-200		150-175		10	5	200	100	
	<b>(k) Patient's Feedback</b>		<b>(l) GHP / GLP / SOPs</b>		<b>(m) Submission of Compliance /Follow-up Reports to National /State Agencies</b>				
	Taken in IPD		Yes		Yes				
	<b>C) Para clinical learning resource (CCL Radiology &amp; Departmental Diagnostic Lab) Data &amp; Report : Details on Sophisticated diagnostic equipments and facilities , No. of diagnostic tests (Average per day and annual)-Routine and special tests are carried out 24 hours a day. Average 400-500 tests are carried in from OPD and IPD per day.</b>								
	<b>D) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well</b>		:		6. Biochemistry dept does biochemical investigation routine & special 7. Pathology dept help h2 FNAC ,cytology 8. Radiology dept undertake USG & HSG tests routinely. 9. Microbiology dept help in performing culture sensitivity test of sample like blood /urine/pus.				
<b>39.</b>	<b>No. of doctoral post- doctoral students and Research Associates / PDF working-</b> Nil								
	Number of Research Pdf/RA receiving fellowship from central agency / University- Nil								
	No. of Ph.D. Awarded by the Dept during last 5 years: Nil								
<b>40</b>	<b>(a) Number of students getting financial assistance from the university</b>								
	<b>PG and Ph.D. Students getting assistance from the University</b>								
	<b>Sr. No</b>	<b>Type of Scholarship form</b>	<b>PG/ Ph.D</b>	<b>Academic Year</b>					<b>Total No. of Students</b>
				10-11	11-12	12-13	13-14	14-15	15-16
	1	Central Gov.	0	0	0	0	0	0	0
	2	State Gov	0	0	0	0	0	0	0
	3	Other agencies	0	0	0	0	0	0	0
	4	Parent universities	PG	20	20	23	23	23	23
		Total		20	20	23	23	23	23
				20	20	23	23	23	132
<b>41.</b>	<b>Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :Yes need based assessment carried out in order to enhance the intake of existing UG PG Programme.No</b>								



<b>42. Does the department obtain feedback from</b>				
Sr. No.	From	Yes /No	Feedback Manual / Digital	How the feedback analysis is used for improvement
1	Student	Yes	Manual/Digital	Important points/ suggestions are used to take appropriate corrective steps for improvement
2	Faculty	Yes	Manual/Digital	Important points/ suggestions are used to take appropriate corrective steps for improvement
3	Alumni / Parents/ Employer	Yes	Digital	Important points/ suggestions are used to take appropriate corrective steps for improvement
<b>43. List the distinguished alumni of the department (Maximum 10) ( UG student or PG Student belonging to the subject)</b>				Name and designation with address
<b>Sr. No.</b>	<b>Name &amp; Designation</b>	<b>Details at the PIMS University &amp; Year</b>		<b>Place of work of alumni</b>
1	Dr. Kishor Pandit	1990		Endoscopy Surgeon. Pune.
2	Dr. Meenal Patvekar	1987		Professor, D. Y. Patil Medical College, Pune.
3	Dr. Gautam Aher	1987		Professor, Medical College, Ahmednagar
4	Dr. Ajit Patil	1998		Professor, Medical College, Nashik
5	Dr. Meghna Bhansali	1998		Professor, Medical College, Latur.
6	Dr. Tushar Raghuvanhi	2004		Asso. Professor, Medical College, Dhule.
7	Dr. Apurva Bhalgaonkar	2004		Asso. Professor, Medical College, Aurangabad.
8	Dr. Shalini Sachdev	2002		Associate. Professor, RMC, Loni.
9	Dr. Anita Kwatra	2004		Associate. Professor, Medical College, Agra.
<b>44. Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</b>				
<b>The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under</b>				
Sr. No.	Event (SEP) UG + PG	No. Events	No. of Prominent	
			External Experts	Internal Experts
2011-12		4	4	4
2012-13		4	4	4
2013-14		5	3	4
2014-15		6	3	4
2015-16		7	2	3
(Details given in annexure)				
<b>45. a) List the teaching methods adopted by the faculty for different programmes:</b>				
<b>UG: A :-Didactic lectures; Case discussion; Tutorials; Seminar; Symposium</b> <b>B :- Lecture + Q A Session; Tutorial+discussion.</b> <b>C :- Power point presentation;Web discussion;Online tutorials.</b> <b>D :- Problem base learning; Case discussion; seminar.</b> <b>PG : A :-Didactic lectures; Case discussion; Seminar; Journal reading</b> <b>B :- Lecture + Q A Session; Journal +discussion.</b> <b>C :- Power point presentation;Web discussion;Online tutorials; Guest Lecture.</b> <b>D :- Problem base learning; Case discussion; seminar; Group discussion.</b>				



	A: Traditional B: Blended C: ICT enabled D: Learning Centric Approach E: Beyond Curriculum Scholarly activities.		
	<i>b) Catering to Diverse need of the student:</i> Orientation, Induction, mentoring, Remedial Counseling.		
46.	<b>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?</b> –Department conducts regular weekly & monthly review of the teaching programme. Feedback from teacher and students help in ensuring that the programme objectives are met. Learning outcomes are monitored through term end and post end exam. And final university exam.		
47.	<b>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive) Involvement of student and faculty in various type of extension activity organized by the dept.</b>		
	Sr. No.	No. of Camps/Workshops/ Surveys/ Training/ Rallies/Lectures/ Celebrations/ any other events.	No. of Beneficiaries
	1	Camps held	28
	2	workshops	07
	3	Training –nurses-health workers	07
	4	Celebration	20
		(a) International Women’s day	03
		(b) Nursing day	03
		(C) AIDS day	04
		(d) Breast feeding Week	05
		(e) Maternal safety day	05
	<b>Our faculty is involved extension in health awareness programs organized by the college / University through lectures, rally, camps/training. as HR / Contributions-Annexure-III</b>		
48.	<b>Give details of “beyond syllabus scholarly activities” of the department :</b> 1-Year 2015 – Conducted Residents and Nurses training in Science of tissue management. 2-Year 2015 – Organized training in E – Partograph for nurses and residents and faculty members 3-Year 2015-Conducted Workshop on Communication skills for interns and residents 4-Year 2016-Conducted Workshop on Medical and Surgical asepsis for interns and residents 5-Year 2016-Organized three workshops for Enhancing male participation in women’s health issues		
49.	<b>State whether the programme / department is accredited / graded by other agencies? If yes, give details- No</b>		
50.	<b>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied ( based on published research articles, paper, projects, books, Patents etc.</b> <b>A) Unique / Salient Features of the department</b> 1) Well established three tier system of screening and referral of cases from the community. 2) Regular visits to peripheral health centres by specialist. 3) Good Co-ordination with Centre for Social medicine for field activities related to maternal health. <b>b) Innovations:</b> 1) Use of electronic partograph for labour monitoring. 2) Check list for monitoring high risk and post operative patients to prevent complications and errors 3) Use of monitoring chart for blood and blood component transfusion. 4) Introduction of M-health for improvement in maternal health and outcome 5) Innovative methods to encourage male participation in Women and Reproductive health		
51.	<b>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department : (Important or major ones) in bullet form.</b> <b>SWOC</b>		
	Strength	Good patient turnover Good cliental satisfaction Good infrastructure-Equipments, T-L facilities Good interdepartmental co operation Very good administrative support-budget allocation	



	Weaknesses	Nil
	Opportunities	To conduct hospital and field level research To collaborate with international agencies in health projects To cater to the needs of rural and underprivileged population
	Challenges	Frequent turnover of faculty. Rural background away from city -difficulty in arranging academic events. Maintain quality of care with large number of referrals. Cope up with the increasing expectations of the community regarding personalized attention. To motivate staff members to continue serving in rural area. Poor patient compliance –illiteracy, poverty, poor health awareness. To maintain staff position. To provide good quality free health facilities
52.	<b>Future Plan</b>	
	Any other points the department wish to add (Not covered as per Q. No. 1 to 51 if it is significant)	
	<b>Perspective planning-Annex IV</b>	
	CURRICULAR ASPECTS : To strengthen the undergraduate course curriculum on the basis of PBL teaching methods. To develop and short term certificate course for medical officers in safe motherhood and emergency obstetrics (EMOC). To start with the help of dept of Rediodiagnosis, a certificate course in obstetric ultrasonography. To start a certificate course in basics of Gynac endoscopy (Laparoscopy & Hysteroscopy). To start a certificate course in Gynecological oncology (Screening & Treatment)	
	TEACHING LEARNING RESOURCES: To equip the Department with latest Books, Computers, Broadband connection updating the staff and students. To develop self learning Question Bank and learning material in the form of books, CDs, Journals. To create Learning environment and to make Department a centre for emergency obstetric care with obstetric ICU. Making the department equipped with latest books, interactive CDs and simulators. Workshops to be conducted, To Conduct National/State level conference.	
	RESEARCH CONSULTANCY AND EXTENSION: Encourage Students to prepare short Trem studies (ICMR Projects). To conduct short term programmers for Medical officers and other specialists in nearby PHCs. Upgrading the departmental Museum with latest learning aids and depute staff members in acquiring advanced knowledge of Research like biostatistics and evidence based medicine. To approach Govt. and Non-government funding agencies for research consultancies. To provide Speciality services to the agencies through consultants.	
	ILR: Acquiring Manikins for conducting workshops on forceps/ventouse application and delivery of abnormal presentations. Sending OBGY staff to institute of excellence to acquire training in advanced laparoscopy infertility, gynecological oncology and USG.. Constituting a Department cell for Research and collaboration Regional, National and international. Proposal to start a weight Reduction Programme and obesity management. Starting a ful-fledged infertility centre.	
	SSP: Identification of under performers and starting special sessions to strengthen their learning. To enhance the knowledge of students to make them globally competitive by inviting various specialists in the field and conducting interactive sessions. Launching a Departmental website so that the students and specialists in the field can interact. International exchange program for students	
	GL:	



	<p>Involving the students in departmental policy making and various other activities. Encouraging PGs and faculty to participate in presentations in national and international. To organize Quiz sessions for juniors, undergraduates and postgraduates. To Involve in community programs to train medical and para medical personnel in emergency obstetric care. To involve in inter disciplinary workshops like statistics, collaboration with biomedical engineers in developing software learning</p>
	<p>IP: Conducting various tests and Quiz with Audio visual AIDS Special Clinic for post Menopausal Women. Village Adoption Programme for providing reproductive health package through undergraduate and postgraduate students To visit various centers to get specialized knowledge</p>
	<p>IITV(Fluroscopy) : Barium Procedures</p>
	<p>To install cassette less Digital radiography in the department. Two new 800 mA X-ray machine with IITV facility. Purchase of another high end state of Heart Color Doppler Machine. To purchase elastography machine for better differentiation of benign from malignant lesions. Purchase of 4 Slice CT Machine for casualty. Installation of Bone Minral Densitometry. Installation of PET-CT</p>

---Sd/---  
**Name & Signature**  
**(Head of the Dept.)**

---Sd/---  
**Name & Signature**  
**Dean of the College**







## Department of Radiotherapy



**Rural Medical College**  
**Pravara Institute of Medical Sciences**  
**(Deemed University)**





**Pravara Institute of Medical Sciences (Deemed University)**

**Institution: Rural Medical College, Loni**

**Departmental Evaluative Report**

**Based on the date of 5 years: 2010-11 to 2015-16**

1.	<b>Name of the Department</b>		:	<b>Radiotherapy</b>		
2.	<b>Year of establishment</b>		:	1996		
3.	<b>Is the Department part of a School/Faculty of the university?</b>		:	Rural Medical College		
4.	<b>a) Names of programmes offered</b>		:	<b>As on this day</b>		
	Prog.	Course / Subject Radiotherapy	Year of Establishme nt	Intake per year	Fresh enrollment	Total Student Strength
	UG	--	--	--	--	--
	PG	Degree – MD	2007	01	01	03
	P.G. Diploma	Diploma – DMRT	2007	01	01	02
	Ph.D	Ph.D in Medical Physics	2009	01	--	01
	Any other (SS)	Nursing Training Programme	2016	25 (Per Batch)	--	25
	Total					
	<b>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</b>					
	<b>UG:</b>	15 days clinical posting Radiotherapy department				
	<b>MD:</b>	Theory 165 hrs+ Practical 267+ 94 others = 726 hrs 4 Theory paper + 1 Practical + 1 Viva + Dissertation = 800 Marks				
	<b>DMR T:</b>	Theory 110 hrs+ Practical 178+ 196 others = 484 hrs 3 Theory paper + 1 Practical + 1 Viva = 600 Marks				
	<b>c) Latest revision of curriculum/ syllabus in 2015-16</b> <b>Salient features: Upgradation of practical examination pattern for MD Radiotherapy and DMRT – Radiotherapy</b>					
	<b>d) Contribution of faculty to curriculum design and Development (CDD) as</b>					
	i) Member / chairman BOS/ Faculty/ BOE at parent university and other universities. Dr. Vandana Jain : Member BOS					
	ii) Organization of CDD workshops at the Dept / University					
	iii) Participation in curriculum design and development workshops at university/Department					
5.	<b>Interdisciplinary programmes offered by the Department and department involved</b>					
	Name of Programs offered by our department		Involved Departments			
			Within the institute		Of the other institute	
	Training Programme for Nursing Student		RMC'S Hopsital		College of Nursing	
	<b>Nature of involvement:</b> Theory and Practical demonstration about chemotherapy drugs, handling and administration of drugs, reaction and complications related with drug handling and administration and its management.					
6.	<b>Courses in collaboration with other universities, industries, foreign institution etc</b>					
	1. M.Sc. Medical Physics students are given practical training on various radiotherapy equipments from Swami Ramanad Tirth Marathwada University, Nanded					
	2. Medical Physics Internship: Radiotherapy Department is authorized to give internship training to 2 students per year by Atomic Energy Regulatory Board, Mumbai					
7.	<b>Details of programs discontinued, if any with reasons</b>		NIL			
8.	<b>Examination System</b>		<b>Annual</b>			
9.	<b>Participation of the department in the courses offered by other departments</b>		Yes, MD/ MS/ PGD Programme			



<b>10.</b> <i>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</i>							
<i>(a) Teachers</i>							
<b>S. N.</b>		<b>Required as per MCI</b>		<b>Actual Faculty Strength (Recruited or filled)</b>			
				<b>Male</b>		<b>Female</b>	<b>Total</b>
<i>i</i>	Professor	01	00	01	01	01	01
<i>ii</i>	Associate Professor Reader	01	01	00	00	01	01
<i>iii</i>	Assistant Professor Lecturer	01	01	00	00	01	01
<b>Sub Total( I to iii)</b>		<b>02</b>		<b>01</b>		<b>03</b>	
<i>iv</i>	Demonstrator	--	--	--	--	--	--
<i>v</i>	Tutor	--	--	--	--	--	--
<i>vi</i>	Senior Resident	02	01	01	01	02	02
<i>vii</i>	Junior Resident	03	02	01	01	03	03
<b>Sub Total( iv to vii)</b>		<b>03</b>		<b>02</b>		<b>05</b>	
<b>Grant Total ( i to vii)</b>		<b>05</b>		<b>03</b>		<b>08</b>	
<i>(b) Qualification Profile of Teachers:</i>							
<b>Qualification Profile of Teachers</b>				<b>M</b>		<b>F</b>	<b>Total</b>
<b>All Teachers having PG Degree</b>				<b>03</b>		<b>01</b>	<b>04</b>
<b>11</b> <i>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</i>							
<i>a) Faculty (as PG teachers) (Internal):</i>							
Sr. No	Name of Teaching Staff	Qualification	Designation	Area of Specialization	Teaching Experience in Years	No. of PG Students	
						Guiding	Guided
1.	Dr. Vandana Jain	MD	Prof. & HOD	Radiotherapy	16	4	2
2.	Dr. Kamlesh Kumawat	MD	Assoc. Professor	Radiotherapy	15	00	00
3.	DR Bhushan Nemade	MD	Radiation Oncologist	Radiation Oncology	9		
<i>(b) Faculty of the Department as Ph.D. Guides (Internal as well as External) (as on this day)</i>							
Sr. No	Name of the Ph.D. Guide		External or Internal		No. of Ph.D. Students of University		
					Guiding		Guided & Awarded
01	Dr. Vandana Jain		Internal		2		---
<b>12</b> <i>List of senior Visiting Fellows, adjunct faculty, emeritus professors : (as on this day)</i>							
Sr. No	Name of the Faculty and their nature of involvement	Qualification	Designation and Affiliation	Area of Specialization		Experience in years	
01	Dr. C. V. Pethe	M.D.	Medical Oncologist	Medical Oncology		6 yrs	
02	Dr. Satish Sonawane	M.S.	Professor	Surgical Oncology		8 yrs	
03	Dr. Bhushan Nemade	M. D.	Radiation Oncologist	Radiation Oncology		9 Yrs	
<b>13</b> <i>Percentage of classes taken by temporary faculty programme wise information</i>					: NIL		
<b>14</b> <i>Programme wise Teacher Student Ratio</i>					: <i>Teacher Student Ratio</i>		
<i>Programme</i>							
<i>UG</i>					--		
<i>PG</i>					04:04		



	<b>Ph.D.</b>		01:02				
<b>15</b>	<b>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</b>						
	Sr. No.	Staff	Name of the Post	Required as per statutory Bodies	Filled / Actual		
					M	F	Total
	1	RSO	RSO	01	01	00	01
	1	Physicist	Medical Physicist	02	02	00	02
	2	Technical	Radiotherapy Technologist	06	06	00	06
	3	Support	Nursing Clerk	04 03	01 02	03 01	04 03
		<b>Total</b>			12	04	16
<b>16</b>	<b>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</b>						
	<ul style="list-style-type: none"> <li>- External Radiotherapy treatment at various sites, its response on follow-up.</li> <li>- IMRT treatment at various sites and importance of organ preservation and tumour response.</li> <li>- Various brachytherapy treatments and its response.</li> <li>- Radiotherapy in Cancer palliation.</li> <li>- Various chemotherapy schedules for neo-adjuvant, adjuvant and concurrent in various malignancies.</li> <li>- Dosimetry for LA and Cobalt.</li> </ul>						
<b>17</b>	<b>Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise : (For the last 5 Years)</b>						
	<b>The details of projects are as follows:</b>						
	<b>a) Ongoing Projects of Faculty (as on this day)</b>						
	1. Dr. Vandana Jain: Various addiction patterns, dietary habits, associated medical problems and socioeconomic status in gastro-intestinal malignancies: A prospective study in rural area of Maharashtra, India. (Sponsored by PIMS-DU)						
	<b>b) Completed Projects of the faculty ( last 5 Years): NIL</b>						
<b>18.</b>	<b>Inter- institutional collaborative projects of faculty &amp; associated grants received (including clinical trials) excluding those included a Sr. No.16) (For the last 5 Years) (as on this day):NIL</b>						
<b>19</b>	<b>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)</b>						
		<b>Research Projects under taken by</b>	<b>Data as given under sl. No. of DER</b>	<b>Total Projects</b>	<b>On going</b>	<b>Completed</b>	
	(a)	The faculty (at the Dept.) Funded by University	17	01	01	00	
	(b)	UG student STS ICMR Projects	28	03	02	01	
	(c)	UG students STS Mgt. Sponsored Project	28	01	01	00	
		<b>Total</b>		05	04	01	
<b>20.</b>	<b>(a) Research Facility / Center and recognition by state / National / International agenesis.(as on this day)</b>		1. Centre is registered under National Cancer Registry Program, Bangalore. (Centre code 513) 2. Centre is affiliated to Indian Cancer Society				
	<b>In the department (Details of facilities)</b>		1. Dosimetry Facility – Absolute and relative dosimetry				





	<i>in brief)</i>	facility of teletherapy and brachytherapy equipment is available 2. Patients specific IMRT Dosimetry is available 3. Mould room Facility – Mould, Vac Lock for patient immobilization			
	<i>In other department (Details of facilities by the department) used by us.</i>	1. CT Simulator facility of Radiology Department is used as basis for 3D-Chemotherapy and IMRT Planning . 2. CCL for routine blood, biochemical and microbiology investigation. 3. Blood bank. 4. Pathology department for histopathology and IHC.			
	<i>In other college ( Details of facilities used by us)</i>	1. Rural dental college for routine dental care of all head and neck carcinoma patients. 2. Physiotherapy facility from College of physiotherapy for various cancer patients.			
21.	<i>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization of any.- CCL, CBT</i>				
22.	<i>Publication data of last 5 years Publications in peer reviews journals and conference proceeding (ISSN)</i>	National 04 International 11 Other 11 Total- 25 <b>Details in ANNEX -I</b>			
	<i>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.)</i>				
	<i>No. of Citation Index – range / average</i>	:	<b>Details given in Criteria III and Emerge Data</b>		
	<i>SNIP</i>	:			
	<i>SJR</i>	:			
	<i>Impact Factor- range/average</i>	:			
	<i>h-index</i>	:			
23.	<i>Details of patents filed / granted and income generated (5 Years data)</i>	:	NIL		
24.	<i>Areas of consultancy and income generated(5 Years data)</i>	:	Honorary Consultancy for Cancer patients		
25.	<i>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data)</i>				
	<i>04 faculties were selected to visit L/I/I abroad. (Laboratories, Institutions, Industries)The details are as follows :</i>				
	Sr. No.	Name of the Faculty	Visiting Institution / Laboratory / Industry, Name of place and Nation	Year of Visit	Purpose of Visit
	01	Mr. More M. V.	Varian Medical System International AG Zug, Switzerland	2013	Advanced training on VAT Physics – IMRT Module, Rapid ARC module
	02	Mr. More M. V.	Rigshospitalet Copenhagen Denmark	2015	Advanced training on VAT Clinical IMRT
	03	Dr. Bhushan Nikam	Rigshospitalet Copenhagen Denmark	2015	Advanced training on VAT Clinical IMRT
	04	Dr. Vandana Jain	Northshore University Health System, Chicago	Oct. 2012	Visiting Fellowship in Radiation Oncology
26.	<i>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data)</i>				
	<i>Total no. of</i>	<i>Inter-national/ National /State / Others</i>		<i>Total</i>	



<i>faculty</i>						
<b>01</b>		01 – BOS PIMS				01
<b>(a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data)</b>						
	<i>Total No. of Faculty</i>	<i>Inter-National level</i>	<i>National level</i>	<i>State level</i>	<i>Others level</i>	
<i>Fellowship</i>	02	00	02	00	00	
<i>Membershi p</i>	17	00	12	04	01	
<i>Honor</i>	01	00	00	00	01	
<b>Details of Faculty with fellowship and membership</b>						
	<i>Total</i>	<i>Fellowship</i>	<i>Membership</i>		<i>Honor</i>	
Dr. Vandana Jain	06	00	National: 04; State: 02		00	
Dr. Bhushan Nikam	05	National: 01	National: 03; State: 01			
Dr. Rohan Kharde	05	National: 01	National: 03; State: 01			
Mr. Mahendra More	04		National: 02; Others: 01		01	
Total	20					
<b>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data):</b> Dr. Vandana Jain is peer reviewer of Journal of Cancer Research and Therapeutics (Official journal of Association of Radiation Oncologist of India ) ISSN 0973-1482						
<b>27. Faculty recharging strategies (UGC, ASC/MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)</b>						
Sr. No.	Type of the Programme	No. of FDPs participated				Total
		College Level	State / University Level	National Level	International Level	
1	Orientation/ Refresher/ MET/ CME	04	00	00	00	04
2	Workshop/Seminar/ Symposium/ conferences	19	04	31	09	63
3	FDPs (guest lecture, training, CM, CPC, etc.)	00	03	01	04	08
<b>28. Students Projects:</b> The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)						
Sr. No.	UG Projects (Including ICMR, STS)			PG Dissertations		
	Ongoing	Completed	Total	Ongoing	Completed	Total
1.	03	01	04	02	05	07
<b>Percentage of students who have done in house projects including inter departmental project</b>				:	100%	
<b>Percentage of students doing projects in collaboration with other universities / industry /institute</b>				:	--	
<b>Details of PG dissertations are given in the annexure</b>				:	<b>Annex-2</b>	
<b>29. Research Awards/recognitions received at the national and international level (5 Years data)</b> 2 students got Neal Josef Award by Association of Radiation Oncologist of India - Dr. Bhushan Nikam 2012-13 - Dr. Rohan Kharde 2013-14						
<b>30. Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data)</b>						
	Total	Inter-	Funding Source		No. of	No. of



			National		participants	Resource Persons	
Conference (C)	01	01		Association of Medical Physicist of India	550	102	
Workshops (W)	01	01		Association of Medical Physicist of India	50	05	
Total		02			600	107	
<b>1) Publication of Abstract of the S/S/C/W: 35<sup>th</sup> Annual Conference of Association of Medical Physicist of India, (November 2014) ISSN 0971-6203, P: 121</b> <b>2) Publication of peer reviewed ISSN/ISBN numbered / proceedings of S/S/C/W: NIL</b>							
<b>b)</b>	<i>Note : Reports on details of S/S/C/W and External Resource person, delegates attended and Proceedings etc.</i>						
	Sr. No	Name of the Event S/S/C/W/FDP (CM, CME, CPC, GL, )	Sponsoring Agency	Level of Organization	No. of Resource Person /Experts Internal External	No. of Delegates	Date and Year
	1.	35 <sup>th</sup> Annual Conference of Association of Medical Physicist of India AMPICON 2014	Association of Medical Physicist of India	International	02 33	577	20-22 Nov 2014
	2.	Pre-Conference Workshop AMPICON 2014	Association of Medical Physicist of India	International	01 03	50	19 Nov 2014
<b>31.</b>	<b>Code of ethics for research followed by the departments</b>		:	Yes – ICMR Institutional Ethical committee code			
<b>32.</b>	<b>Student Profile programme-wise</b>		:				
	a) PG Programme Name of the Programme :						
	Academic Year	No. of Application Received for PG CET	CET Pass %	No of Students Selected through CET (Radiotherapy)			
				M	F	T	
	2010-11	2011-12	513	0	1	1	
	2011-12	2012-13	382	1	1	2	
	2012-13	2013-14	321	1	1	2	
	2013-14	2014-15	408	1	1	2	
	2014-15	2015-16	371	0	2	2	
	2015-16	2011-12	513	1	1	2	
	No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year						
	Academic Year of Outgoing batch	No. of Students			% of Pass student with		
		Appeared	Pass	Pass %	I <sup>st</sup> Class	I <sup>st</sup> Class with Distinction	
	2010-11	01	01	100%	00	00	
	2011-12	01	01	100%	00	00	
	2012-13	02	02	100%	00	00	
	2013-14	02	02	100%	00	00	
	2014-15	02	02	100%	00	00	
	2015-16	02					
<b>33.</b>	<b>Diversity of Students : PG Programme</b>						
	Name of the Course refer	Year	No. and % of students from	No. and % of students from	No. and % of students from	No. and % of students from other	



to question no. 4		same university	other universities within the state	Universities outside the state	Countries
MD & DMRT	2010-11	1 & 100 %	--	--	-
MD & DMRT	2011-12	1 & 50 %	1 & 50%	--	-
MD & DMRT	2012-13	--	2 & 100 %		-
MD & DMRT	2013-14	2 & 100%	--	--	-
MD & DMRT	2014-15	--	1 & 50%	1 & 50%	-
MD & DMRT	2015-16	1 & 50 %	1 & 50%	--	-
<b>34</b>	<b>How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.)</b> <b>:ECFMG (Educational Commission for Foreign Medical Graduates)/EICS( ECFMG International Credential Services) - 104</b>				
<b>35.</b>	<b>Student progression:</b>	:	<b>Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)</b>		
	Student Progression		% against enrolled		
	PG - SS		2 DMRT students completed DNB radiotherapy course and one is doing her DNB course		
	PG – Ph. D.		--		
	PG to employment		Two are working as Asst. Professor in the department And one is working as clinical assistant at PD Hinduja Hospital, Mumbai		
<b>36.</b>	<b>Diversity of Staff as on this day</b>				
	<b>Number and % Diversity of Staff ( as on this day ) belonging to</b>		<b>% Staff who have obtained PG Degree from</b>		
	<b>Same State/UT</b>	<b>No.02 &amp; 50 %</b>	Parent University	<b>No. 02 &amp; 50%</b>	
	<b>Outside State/UT</b>	<b>No.02 &amp; 50 %</b>	Other Universities of the State	<b>No.00 &amp; 00%</b>	
			Other State University	<b>No. 02 &amp; 50%</b>	
<b>37</b>	<b>Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) : NIL</b>				
<b>38.</b>	<b>Present details of departmental infrastructural facilities with regard to :</b>				
	<b>A) Infrastructural facility (Common to all departments)</b>				
	<b>a) Library (dept): No. of Collections Book/Journal/ Project Report</b>	:		Books: 116 Journals: 09 Thesis: 07	
	<b>Central Library books and Journal belonging to our department (both print and e mode)</b>	:		Books: 269 Journal: 09 Thesis: 07	
	<b>b) Internet facilities for staff and students</b>	:		Available	
	<b>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive &amp; Inclusive)</b>	:		Class Rooms: 00 Demo Rooms: 02 Seminar Halls: 01 Auditorium:01,	
	<b>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive)</b>	:		Seminar Hall: 01	
	<b>e) Students laboratories at the Department</b>	:		--	



<b>f) Research Laboratories of the Dept.</b>			Yes			
<b>g) Museum at the Department and no. of specimen, charts, Modules etc.</b>		:	Specimen: 20 Chemotherapy drugs: 28 Chart: 22 Instruments: 20			
<b>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)</b>						
<ol style="list-style-type: none"> <li>1. Cobalt Unit (Theraplan 780C)</li> <li>2. Linear Accelerator (Varian–Clinac–DBX 6 MV) with EPID</li> <li>3. GammaMed IX Plus HDR/PDR, Remote after loader, Iridium 192</li> <li>4. Brachytherapy Applicators &amp; Templates</li> <li>5. Mobile X-ray Unit</li> <li>6. Theraplan pluse TPS.</li> <li>7. Eclipse Ver.11 - 3D TPS</li> <li>8. ARIA – Record and verification system</li> <li>9. Brachyvision 3D Planning system</li> <li>10. Imatrixx (Treatment Varification System)</li> <li>11. 0.6cc ionisation chamber</li> <li>12. Dose 1 Electrometer</li> <li>13. RFA – Radiation Field Analyzer</li> <li>14. Styrofoam cutter</li> <li>15. Digirad Surve Meter</li> <li>16. Pulsecho Gamma zone monitor</li> <li>17. Gammalux Gamma Zone Monitor</li> <li>18. Fluke Survey meter</li> <li>19. Pocket Dosimeter – Pusecho</li> <li>20. Last man out switch - LMOS</li> </ol>						
<b>B) Clinical learning resource data (as submitted to MCI/ UGC)</b>						
<b>(a) Beds</b>	<b>(b) Units</b>	<b>(c) Special Clinics</b>	<b>(d) ICUs</b>	<b>(e) Wards</b>	<b>(f) OTs</b>	
46	01	08	--	03	01	
<b>(g) OPD Patients / day (Average)</b>	<b>(h) IPD Patients / day (Average)</b>	<b>(i) Operation / day</b>		<b>(j) Diagnostic Tests</b>		
		<b>Major</b>	<b>Minor</b>	<b>OPD</b>	<b>IPD</b>	
106	10	00	00	45	26	
<b>(k) Patient's Feedback</b>	<b>(l) GHP / GLP / SOPs</b>		<b>(m) Submission of Compliance /Follow-up Reports to National /State Agencies</b>			
Yes – Patient feedback form is given to all IPD patients before they are discharged from the ward. Analysis done centrally.	08 SOPs. <ol style="list-style-type: none"> <li>1. Brachytherapy (ICRT)</li> <li>2. For Chemotherapy procedure.</li> <li>3. For LINAC</li> <li>4. For Telecobalt</li> <li>5. For Brachytherapy Emergency Procedure</li> <li>6. Use of TLDs</li> <li>7. Mould Room procedures</li> <li>8. Waste disposal from department</li> </ol>		To submit Following reports to Atomic Energy Regulatory Board (AERB) Govt. of India & International Atomic Energy Agency, Vienna <ol style="list-style-type: none"> <li>1. Annual Safety Status Report of Radiotherapy Facilities (LINAC, Cobalt &amp; Brachytherapy)</li> <li>2. IAEA TLD Quality Audit (once in three years)</li> <li>3. Overexposure Compliance Report (If necessary)</li> <li>4. Source Import / Export permission and intimation</li> <li>5. Radiation Survey Report</li> </ol>			





	<p><b>C) Para clinical learning resource (CCL Radiology &amp; Departmental Diagnostic Lab) Data &amp; Report : Details on Sophisticated diagnostic equipments and facilities , No. of diagnostic tests (Average per day)</b></p> <ul style="list-style-type: none"> <li>• Radiology : 21 Per day</li> <li>• Biochemistry: 23 Per day</li> <li>• Pathology: 23 Per day</li> <li>• Microbiology: 04 Per day</li> </ul>																					
	<p><b>D) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well</b></p>		:	<p>1. CT Simulator facility of Radiology Department is used as basis for 3D-Chemotherapy and IMRT Planning .</p> <p>2. CCL for routine blood, biochemical and microbiology investigation.</p> <p>3. Blood bank.</p> <p>4. Pathology department for histopathology and IHC.</p>																		
39.	<p><b>No. of doctoral post- doctoral students and Research Associates / PDF working: 02 Ph.D</b></p> <ol style="list-style-type: none"> <li>1. Dosimetric Verification of Intensity Modulated Radiotherapy (IMRT) with an Electronic Portal Imaging Device (EPID): Mr. Mahendra More, Medical Physicist cum RSO</li> <li>2. Breaking Breast Cancer: Dr. D. S. Kulkarni Prof. Radio-diagnosis</li> </ol>																					
40	<p><b>(a) Number of students getting financial assistance from the university: All PG students are getting stipend from PIMS-DU</b></p>																					
41.	<p><b>Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:</b></p> <ol style="list-style-type: none"> <li>1. Department of Radiotherapy was started in the year 1996 and the department was serving cancer patients from Loni and surrounding village. Gradually number of patients started increasing and patients from other districts also started coming for the treatment. There was need for more staff as well as junior doctor can be trained. In view of this, Post graduate courses (MD &amp; Diploma in Radiotherapy) were started from 2007 after getting permission from MCI.</li> <li>2. Large number of patients coming for the treatment are in advanced stages of cancer. In view of this, a continues ongoing awareness programme is started in the department from 2015 (Breast self examination and Self oral Examination). This programme helps patient and relatives to know about early signs of disease.</li> </ol>																					
42.	<p><b>Does the department obtain feedback from</b></p> <table border="1"> <thead> <tr> <th>Sr.No.</th> <th>From</th> <th>Yes/No</th> <th>Feedback Manual / Digital</th> <th>How the feedback analysis is used for improvement</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Student</td> <td>Yes</td> <td>Manual &amp; Digital</td> <td rowspan="3">Improvement in TLE</td> </tr> <tr> <td>2</td> <td>Faculty</td> <td>Yes</td> <td>Informal / Formal</td> </tr> <tr> <td>3</td> <td>Alumni / Parents / Employer</td> <td>Yes</td> <td>Informal / Formal</td> </tr> </tbody> </table>				Sr.No.	From	Yes/No	Feedback Manual / Digital	How the feedback analysis is used for improvement	1	Student	Yes	Manual & Digital	Improvement in TLE	2	Faculty	Yes	Informal / Formal	3	Alumni / Parents / Employer	Yes	Informal / Formal
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3	Alumni / Parents / Employer	Yes	Informal / Formal																			
43.	<p><b>List the distinguished alumni of the department (UG student or PG Student belonging to the subject)</b></p>		:	<p>Name and designation with address</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Name &amp; Designation</th> <th>Details at the University &amp; Year</th> <th>Place of work of alumni</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Dr. Ajay Kolve</td> <td>2010 - 2012</td> <td>Clinical Assistant at Hinduja Hospital, Mumbai</td> </tr> <tr> <td>2.</td> <td>Dr. Bhushan Nikam</td> <td>2011 - 2014</td> <td>Asst. Prof. at RMC PIMS Loni</td> </tr> <tr> <td>3.</td> <td>Dr. Rohan Kharde</td> <td>2012 – 2015</td> <td>Asst. Prof. at RMC PIMS Loni</td> </tr> </tbody> </table>	Sr. No.	Name & Designation	Details at the University & Year	Place of work of alumni	1.	Dr. Ajay Kolve	2010 - 2012	Clinical Assistant at Hinduja Hospital, Mumbai	2.	Dr. Bhushan Nikam	2011 - 2014	Asst. Prof. at RMC PIMS Loni	3.	Dr. Rohan Kharde	2012 – 2015	Asst. Prof. at RMC PIMS Loni		
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44.	<p><b>Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</b></p> <p>The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under</p>																					



Sr. No.	Event (SEP) UG + PG	No. Events	No. of Prominent										
			External Experts	Internal Experts									
01	Guest Lecture	23	03	20									
02	Workshop	01	33	02									
03	Seminar – PG Students	35 – 42 per year	02	07									
Details given in annexure - 03													
45.	<b>a) List the teaching methods adopted by the faculty for different programmes:</b>												
	Sr. No.	For UG	A	B	C	D	E	For PG	A	B	C	D	E
		Yes	Yes					Yes	Yes	Yes	Yes	Yes	Yes
<p>A: Traditional B: Blended C: ICT enabled D: Learning Centric Approach E: Beyond Curriculum Scholarly activities.</p> <ul style="list-style-type: none"> <li>o Bed side teaching during ward rounds.</li> <li>o OPD teaching regarding examination and treatment related with the cases seen.</li> <li>o Minor OT procedures and brachytherapy</li> <li>o Radiotherapy treatment and treatment planning.</li> <li>o Various immobilization techniques</li> <li>o Mould room techniques</li> <li>o CT Simulation techniques</li> <li>o Treatment planning for 3DCRT and IMRT</li> <li>o Planning of Various chemotherapy schedules, drug administration and precautions</li> <li>o Palliative care training for terminally ill cancer patients</li> <li>o PG activity: student they present seminars and case reports prepared on power point presentations.</li> <li>o Lectures and demonstrations by various faculties.</li> <li>o Student seminar and journal club.</li> </ul>													
<b>b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling, ) : Yes</b>													
<ul style="list-style-type: none"> <li>• Orientation Programme by Rural Medical College for PG.</li> <li>• Orientation Programme in the department by HOD and Faculties.</li> <li>• Counselling by HOD as and when required by the student.</li> <li>• <b>Co-Academic:</b> Awareness Programmes for male &amp; female cancer patients.</li> <li>• <b>Extracurricular:</b> Telemedicine &amp; Radio talk programmes.</li> <li>• <b>Carrier Guidance:</b> By the faculties to PG students.</li> </ul>													
46.	<b>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?</b>												
<ul style="list-style-type: none"> <li>• By taking feedback from participants.</li> <li>• Participants themselves bring more patients/ spread the knowledge to locals, as they keep coming regularly in the department for followup.</li> </ul>													
47.	<b>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive)</b>												
	<b>t) Involvement of student and faculty in various type of extension activity organized by the dept.</b>												
Sr. No.	No. of Camps/Workshops/ Surveys/Training/Rallies/Lectures/Celebrations/ any other events.	Academic Year		No. of Beneficiaries									
1.	06 Camps	2011		30 per camp									
2.	08 Camps	2012		25 per camp									
3.	07 Camps	2013		28 per camp									
4.	09 Camps	2014		32 per camp									
5.	05 Camps	2015		27 per camp									
6.	02	2016		23 per camp									



	u) <i>Our faculty is involved extension in health awareness programs organized by the college / University through lectures, rally, camps/ training. as HR / Contributions</i>				
	Sr.No.	Programme	Venue	Topic	Date
	01	Swayansiddha Yatra	Rahata	Cancer Awareness	14-15 Jan 2016
48.	<p><i>Give details of “beyond syllabus scholarly activities” of the department :</i></p> <ul style="list-style-type: none"> <li>• Cancer related programmes in the department on various cancer days.</li> <li>• Awareness programmes for patient and accompanying relatives.</li> <li>• Dietary advice to patient by dietician in the department.</li> <li>• Regular dental and physiotherapy referral to Dental College and Physiotherapy College.</li> <li>• Regular guest lectures by outside and in-house faculties</li> <li>• Regular training for PG students and nursing staff for better patient care</li> <li>• Regular lectures and demonstration by radiation safety officer (RSO) to all radiation workers of the department and the institute</li> </ul>				
49.	<p><i>State whether the programme / department is accredited / graded by other agencies? If yes, give details</i></p> <ul style="list-style-type: none"> <li>• PG degree (MD &amp; DMRT) is recognized by Medical council of India (MCI).</li> <li>• Department has Atomic Energy Regulatory Board (AERB), Govt. of India, approval to run various radiotherapy facilities.</li> <li>• Radiotherapy units (LINAC, Cobalt &amp; Brachytherapy) have AERB approval.</li> <li>• All dosimetry instruments are certified by AERB/ AERB certified labs.</li> <li>• Various faculty, physicist, RSO and technical staff working in the department is registered under e-LORA (e-Licensing of Radiation Applications) (Mandatory registration for radiation workers and Radiation Equipments).</li> </ul>				
50.	<p><i>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied (based on published research articles, paper, projects, books, Patents etc.</i></p> <p><i>b) Salient and unique feature of Department:</i></p> <ul style="list-style-type: none"> <li>• Only centre catering cancer care facility in Ahmednagar District.</li> <li>• All types of cancer treatment under one roof.</li> <li>• Department has external radiotherapy facility.</li> <li>• Department has brachytherapy facility also.</li> <li>• Chemotherapy facility in day care ward as well as in patient ward.</li> <li>• Cancer treatment facility provided at very low cost.</li> <li>• A case of squamous cell carcinoma lower eyelid was Treated post operatively successfully by surface mould (HDR Brachytherapy). Case has been presented by PG student in “Inventum 16” a conference for students only.</li> <li>• Head and neck carcinoma cases who come with recurrence after complete treatment are planned for re-irradiation by IMRT treatment successfully</li> <li>• Carcinoma cervix cases after external radiotherapy if not fit for brachytherapy are planned for local boost by IMRT treatment successfully.</li> <li>• Various radiation schedules for hypo-fractionation in carcinoma breast cases are done with good and equivalent response as in conventional treatment.</li> </ul> <p><i>c) Innovation of the Department.:</i></p> <ul style="list-style-type: none"> <li>• Cancer related programmes in the department on various cancer days.</li> <li>• Day care facility with 16 beds for the convenience of patient who cannot stay in night in ward.</li> <li>• Diet charts in Day care ward and dietitian visit for various dietary advise to patient</li> </ul> <p><i>d) Best practice of the Department:</i></p> <ul style="list-style-type: none"> <li>• Complete patient care Radiotherapy, Chemotherapy and palliative care in one place.</li> <li>• Less patient waiting time for Radiotherapy as compare to other centres.</li> <li>• Awareness programmes for patient and accompanying relatives.</li> <li>• Dietary advice to patient by dietician in the department.</li> <li>• Regular dental and physiotherapy referral to Dental College and Physiotherapy College</li> <li>• After completion of radiotherapy and chemotherapy treatment patients are advised to come for</li> </ul>				



	<p>regular follow-up. A follow-up record is maintained in the file for future outcome result analysis.</p> <ul style="list-style-type: none"> <li>• 10 years follow-up record with outcome results of carcinoma cervix patients who has been treated in the department was published in national journal and this has good citations.</li> </ul>
51.	<p><b>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:</b> <b>SWOC</b></p> <p><b>Strength</b></p> <ol style="list-style-type: none"> <li>1. Equipped with Linear Accelerator with IMRT facility.</li> <li>2. Provide the best possible treatment to cancer patients with a humane approach at a reasonable cost along with patient satisfaction.</li> <li>3. Department is being a leader in patient care, education, teaching and research.</li> <li>4. Provide accurate, timely and highest quality of comprehensive services</li> <li>5. Approval of the department according to B.A.R.C.(A.E.R.B.) Norms</li> <li>6. All cancer treatment under one roof including Radiotherapy Chemotherapy &amp; Surgery.</li> </ol> <p><b>Weaknesses</b></p> <ol style="list-style-type: none"> <li>1. Linear Accelerator not compatible with SRS / SRT / IGRT / Rapid Arc Facility.</li> <li>2. No dedicated CT simulator.</li> <li>3. Lack of Brachytherapy Templates (Perineal Template for prostate)</li> </ol> <p><b>Opportunities</b></p> <ol style="list-style-type: none"> <li>1. Cancer Awareness programme to be extended to Rahata Taluka for risk group of students of class 9<sup>th</sup> to 12<sup>th</sup></li> <li>2. Cancer Awareness programme to be extended to Loni Bk. Village womens for cancer breast and cervix.</li> <li>3. Guest lectures to local medical practitioners for early diagnosis and treatment options of cancer patients</li> <li>4. To have a Linear Accelerator compatible with SRS / SRT / IGRT / Rapid Arc Facility.</li> <li>5. To have dedicated CT Simulator</li> </ol> <p><b>Challenges</b></p> <ol style="list-style-type: none"> <li>1. In spite of regular awareness programmes 60 to 65 % of cases reporting in the department are in advanced stages of cancer (Stage III &amp; IV)</li> <li>2. Regular instructions were given to all patients not to discontinue radiotherapy treatment but we come across 10 to 15% of defaulters.</li> <li>3. In spite of giving dates for various cycles of chemotherapy patients they report late by 1-2 weeks sometimes discontinue by them self and take some ayurvedic treatment</li> <li>4. Female patients usually report late due to negligence and hesitation to show to male doctor</li> <li>5. Awareness programmes are required with screening facility at the door step of individuals for early diagnosis of cancer</li> </ol>
52.	<p><b>Future Plan:</b></p> <ul style="list-style-type: none"> <li>• Brachytherapy Advances.</li> <li>• Radiotherapy Advanced Unit with IGRT and Rapid Arc with new bunker.</li> <li>• CT Simulator Unit.</li> <li>• Whole body Phantom</li> </ul> <p>[It includes courses, academic activities, TLE, R&amp;D , Publications, Patents, extension, Collaboration, Student Support, grievances, enrichment awareness &amp; protection, Welfare, clinical resource, intra learning resource, Strategy of Department etc.]</p>

---Sd/---

**Name & Signature  
(Head of the Dept.)**

---Sd/---

**Name & Signature  
Dean of the College**

Pravara Institute of Medical Sciences  
Deemed University

PHOTO GALLERY



Constituent Institutions

# Rural Medical College, Loni

















# LOCATION MAP



- Well connected by State Highway  
Nashik - Ahmednagar
- Nashik - 100 Kms.
- Nearest Railway Station -  
Belapur 22 Kms.
- Loni to Mumbai - 325 km.
- Nearest Railway Junction -  
Manmad 85 Kms.
- Nearest Airport -  
Aurangabad - 120 Kms.  
Pune Airport - 180 Kms.
- Shirdi - 25 Km







**Shri Vijay Merchant Memorial Award for Best Employer of the Disabled 2015**



Hon'ble Shri. Balasaheb Vikhe Patil (Managing Trustee, PMT,PIMS-DU) being bestowed upon with the Honorary **Doctorate of Science** by Mahatma Phule Kirshi Vidyapeeth, Rahuri in 2013.



**Vayoshrestha Samman (National Award) - 2015**





Dr. Balasaheb Vikhe Patil, President, Pravara Medical Trust, Loni, Receiving the **Padma Bhushan Award** on 31st March 2010 from Hon'ble her Excellency President of India, Shrimati Pratibhatai Patil.



**"Vayoshrestha Samman (National Award) - 2015"** Under Institutional Category for best institution for providing services to Senior Citizen & Awareness generation on 01 Oct. 2015 at Vigyan Bhawan, New Delhi by his Excellency President of India Hon'ble Shri. Pranab Mukherjee.





"Ten years of growth since this was first started, has not only shown marked growth but has begun to change the countryside. I would like people from other states to come here and see how a real co-operative is organised and run. This is an example for all India."

Jawaharlal Nehru  
15<sup>th</sup> May 1961



## Pravara Institute of Medical Sciences (Deemed University)

Established Under Section 3 of UG Act, 1956, vide MHRD notification no. F-9-11/2000-U.3, dated 29th September 2003

Loni - 413736, Tal. Rahata, Dist. Ahednagar, Maharashtra State, India

Phone : +91-2422-273600, 273486, Fax : +91-2422-273413

E-mail : [contact@pmtpims.org](mailto:contact@pmtpims.org)

Website : <http://www.pravara.com>





# Pravara Institute of Medical Sciences (Deemed University)

Established under section 3 of UGC Act 1956

vide Govt. of India notification no. F-9-11/2003-U0.3. dated 29th September 2003  
Loni Bk.-413736, Tal. Rahata, Dist. Ahmednagar, Maharashtra (India)



## SELF STUDY REPORT

(In Three Volumes)

CYCLE TWO

Submitted To

**National Assessment and Accreditation Council**

Bengaluru - 560072, Karnataka, India

**Volume - III**

**September 2016**





# *Tribute to the Rare Visionary*



## **Revered Padmashri Dr. Vitthalrao Vikhe Patil**

(29 August 1901 - 27 April 1980)

**Founder of First Co-operative Sugar Factory in Asia,  
Pravara Medical Trust &  
Pravara Movement in Health, Education &  
Inclusive Rural Development**

During the time that were barren and the turfs that  
were rough  
You emerged among the masses and lead from the  
front ....

Socio-economic empowerment of the downtrodden,  
You took it as your mission....

Untiring efforts and unflinching spirits with  
What you founded for that Pravara stands today....

The path that was uncharted,  
You walked all along stands sanctified....

Your legend now stands glorified across the  
frontiers  
And beyond the oceanic blues....

In each of our endeavors you inspire us and it is  
your blessings  
That keeps us on path, ever in pursuit of newer  
horizons....

We stand in all our humility and  
Pay our rich tribute to a rare visionary in you....

"Ten years of growth since this was first started, has not only shown marked growth but has begun to change the countryside. I would like people from other states to come here and see how a real co-operative is Organised and run. This is an example for all India."

**Jawaharlal Nehru**  
15<sup>th</sup> May 1961

*Social Justice Leads To Sustainable Development.....*





# Pravara Institute of Medical Sciences (Deemed University)

Established under section 3 of UGC Act 1956

vide Govt. of India notification no. F-9-11/2003-U0.3. dated 29th September 2003  
Loni Bk.-413736, Tal. Rahata, Dist. Ahmednagar, Maharashtra (India)

## SELF STUDY REPORT

(In Three Volumes)

CYCLE TWO

Volume - II

Evaluative Reports of the Departments  
of  
Rural Medical College

Submitted To

**National Assessment and Accreditation Council**

Bengaluru - 560072, Karnataka, India

September 2016



# PRAVARA INSTITUTE OF MEDICAL SCIENCES (DEEMED UNIVERSITY)

Loni-413736, Tal. Rahata, Dist. Ahmednagar (Maharashtra)

## SELF STUDY REPORT

(In Three Volumes)

Cycle – 2

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# Rural Dental College











## Department of Prosthodontics





**Pravara Institute of Medical Sciences (Deemed University)**

**Institution: RURAL DENTAL COLLEGE**

**Departmental Evaluative Report**

Based on the date of 5 years: 2010-11 to 2015-16

1. **Name of the Department** : **Prosthodontics**
2. **Year of establishment** : **1989**
3. **Is the Department part of a School/Faculty of the university?** :Yes, Dental Faculty, Rural Dental College. Pravara Institute of Medical Sciences
4. **a) Names of programmes offered**

Prog.	Name of the Prog.	Year of Establishment	Intake per year	Fresh enrollment	2011	2012	2103	2014	2015
UG	BDS	1989	100	100	487	383	567	421	436
PG	MDS	2000	03	03	09	09	09	09	09
Any other	Implantology	2009	10	09	08	08	08	09	09
<b>Total</b>			<b>113</b>		<b>504</b>	<b>400</b>	<b>584</b>	<b>439</b>	<b>454</b>

**b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day**

	Name of Subject / Course	Total Hours of Teaching – Learning			No. of Papers & Practical to be Taught			Marks for University exam			
		Th	Pra	Total	Paper	Pra	Paper	Pra	Viva	Disse r	Total
I BDS	Dental Material	20	40	60	1A	1A	-	-	-	-	-
	Preclinic	-	105	105	-	1A	-	-	-	-	-
II BDS	Dental Material	60	200	260	2 <sup>nd</sup> 1A	2 <sup>nd</sup> 1A	70+ 10	90+ 10	20	-	200
	Preclinic	25	200	225	2 <sup>nd</sup> 1A	2 <sup>nd</sup> 1A	-	60+ 20	20	-	100
III BDS	Prosthodontics	40	160	200	1A	1A	-	-	-	-	-
IV BDS	Prosthodontics	80	390	470	2 <sup>nd</sup> 1A	2 <sup>nd</sup> 1A	70+ 10	90+ 10	20	-	200
PG (3 yrs)	Prosthodontics	Weekl y 02			1A	1A	300	200	100		600

**C) Latest revision of curriculum/ syllabus in the following years and their salient features.**

S.No	Year	Syllabus revision in BDS
1	2011	Semester pattern of exam was introduced for final year BDS
2	2012	Semester pattern of exam was reverted back to yearly pattern for final year BDS
		<b>Minor revision of MDS practical exam</b>
1	2012	Preliminary impression was excluded and 5 treated special case presentation was included

**d) Contribution of faculty to curriculum design and Development (CDD) as**

- i) Member / chairman BOS/ Faculty/ BOE at Parent University and other universities.

Parent University

SN	NAME	2011		2012		2013		2014		2015	
		BOS	AC	BOS	BOE	BOS	BOE	AC	BOS	AC	BOS
1.	Dr. Gangadhar S.A	01	01	01		01		01	01		01
2.	Dr. Aruna J. Bhandari	01	01	01	01	01		01	01		01
3.	Dr. Sanjay	01									



	Lagdive									
4.	Dr. Veena Saraf	01		01		01			01	
5.	Dr. Dhananjay Gandage	01		01		01			01	01
6.	Dr. Ashwini Kini	01								
7.	Dr. Preeti Astagi			01		01			01	
8.	Dr. Deepak Vikhe									01
9.	Dr. Ruchi Kasat									01

**5. Interdisciplinary programmes offered by the Department and department involved**

❖ Active participation in monthly inter-departmental meetings

Date	Name of Programs offered by our department	Involved Departments
22 <sup>nd</sup> Jan 2011	Tooth preparation	Conservative
14 <sup>th</sup> Jan 2012	Maxillofacial prosthodontics	Orthodontics
25 <sup>th</sup> Oct 2013	Single step border molding	Conservative
26 <sup>th</sup> Nov 2014	Tooth preparation	Periodontics
3 <sup>rd</sup> Dec 2015	Live surgical demonstration on implant placement	Pedodontics

Nature of involvement: Live demonstration and Hands on.

**6. Courses in collaboration with other universities, industries, foreign institution etc**

1. Institute has collaboration with various foreign universities under which student/faculty exchange programmes are actively carried out.

Under the student/faculty exchange programme our faculty, Dr. Deepak M Vikhe had been for training to University of San tiago De compostela Spain from Sept to Oct 2015.

2. One year Certificate Course in Implantology is conducted in Collaboration with Nobel Biocare.

**7. Details of programs discontinued, if any with reasons- Nil**

**8. Examination System – Annual**

**9. Participation of the department in the courses offered by other departments**

SN	DATE	TITLE	DEPARTMENT
1.	14 -15 Feb 2013	Full Mouth Rehabilitaton	Dept. of Orthodontics
2.	24 – 25 Oct 2013	Single step border molding	Dept. of Conservative and Endodontics
3.	1 - 3 Dec 2015	Live surgical demonstration on implant placement	Dept. of Pedodontics
4.	1 - 3 Dec 2015	Live tooth preparation	Dept. of Pedodontics

❖ Departmental staff and Post graduate students actively participate in the CDE programs conducted by other departments

**10. Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day**

**a) Teachers (2011)**

S.N.	Required as per DCI	DCI	Actual Faculty Strength (Recruited or filled)		
			Male	Female	Total
<b>2011</b>					
<i>i</i>	Professor	01	02	01	03
<i>ii</i>	Associate Professor Reader	02	00	00	00
<i>iii</i>	Assistant Professor Lecturer	01	01	04	05
<b>Sub Total( I to iii)</b>		04	03	05	08
<i>iv</i>	Demonstrator	-	-		
<i>v</i>	Tutor	-	00	02	02
<i>vi</i>	Senior Resident	-	02	01	03
<i>vii</i>	Junior Resident	-	03	03	06



<b>Sub Total( iv to vii)</b>		08	05	06	11
<b>Grand Total ( i to vii)</b>		12	08	11	19
<b>2012</b>					
<i>i</i>	Professor	01	01	01	02
<i>ii</i>	Associate Professor Reader	02	00	00	00
<i>iii</i>	Assistant Professor Lecturer	01	02	03	05
<b>Sub Total ( I to iii)</b>		04	03	04	07
<i>iv</i>	Demonstrator	-	-	-	-
<i>v</i>	Tutor	-	00	01	01
<i>vi</i>	Senior Resident	-	01	02	03
<i>vii</i>	Junior Resident	-	05	01	06
<b>Sub Total ( iv to vii)</b>		08	06	04	10
<b>Grand Total ( i to vii )</b>		12	09	08	17
<b>2013</b>					
<i>i</i>	Professor	01	01	01	02
<i>ii</i>	Associate Professor Reader	02	01	01	02
<i>iii</i>	Assistant Professor Lecturer	01	01	02	03
<b>Sub Total ( I to iii )</b>		04	03	04	07
<i>iv</i>	Demonstrator	-	-	-	-
<i>v</i>	Tutor	-	00	01	01
<i>vi</i>	Senior Resident	-	02	01	03
<i>vii</i>	Junior Resident	-	06	00	06
<b>Sub Total ( iv to vii )</b>		08	08	02	10
<b>Grand Total ( i to vii )</b>		12	11	06	17
<b>2014</b>					
<i>i</i>	Professor	01	01	01	02
<i>ii</i>	Associate Professor Reader	02	01	01	02
<i>iii</i>	Assistant Professor Lecturer	01	02	02	04
<b>Sub Total ( I to iii )</b>		04	04	04	08
<i>iv</i>	Demonstrator	-	-	-	-
<i>v</i>	Tutor	-	00	01	01
<i>vi</i>	Senior Resident	-	03	00	03
<i>vii</i>	Junior Resident	-	03	03	06
<b>Sub Total ( iv to vii )</b>		08	06	04	10
<b>Grand Total ( i to vii )</b>		12	10	08	18
<b>2015</b>					
<i>i</i>	Professor	01	01	01	02
<i>ii</i>	Associate Professor Reader	02	01	01	02
<i>iii</i>	Assistant Professor Lecturer	01	03	01	04



<b>Sub Total ( I to iii )</b>		04	05	03	08
<b>iv</b>	Demonstrator	-	-	-	-
<b>v</b>	Tutor	-	00	01	01
<b>vi</b>	Senior Resident	-	03	00	03
<b>vii</b>	Junior Resident	-	03	03	06
<b>Sub Total ( iv to vii )</b>		08	06	04	10
<b>Grand Total ( i to vii )</b>		12	11	07	18

**10. b.**

<b>Qualification Profile of Teachers</b>	<b>With P.G. Degree Only 2011</b>	<b>With P.G. Degree Only 2012</b>	<b>With P.G. Degree Only 2013</b>	<b>With P.G. Degree Only 2014</b>	<b>With P.G. Degree Only 2015</b>	<b>Total</b>
Male	03	03	03	04	05	18
Female	05	04	04	03	03	19
Total	08	07	07	07	08	37

**11. Faculty profile with name, qualification, designation, area of specification, experience and research under guidance (as on this day)**

**a) Faculty (as UG/PG teachers) (Internal):**

**2011**

Sr. No	Name of Teaching Staff	Qualification	Designation	Area of Specialization	Teaching Experience in Years	No. of PG Students	
						Guiding	Guided
1	Dr. Gangadhar S.A	MDS	Professor	Prosthodontics	27 years	03	20
2	Dr. Aruna J. Bhandari	MDS	Professor	Prosthodontics	25 years	05	11
3	Dr. Sanjay Lagdive	MDS	Professor	Prosthodontics	9 years	01	01
4	Dr Dhananjay Gandge	MDS	Sr. Lecturer	Prosthodontics	2 years	-	-
5	Dr Veena saraf	MDS	Sr. Lecturer	Prosthodontics	2 years	-	-
6	Dr Ashwini Kini	MDS	Sr. Lecturer	Prosthodontics	1 year	-	-
7	Dr Preeti Ashtagi	MDS	Sr. Lecturer	Prosthodontics	6 months		
7	Dr Muzamil	BDS	Tutor	Complete dentures	5 Years	-	-
8	Dr Sugandha	BDS	Tutor	Complete dentures	3 Years	-	-

**2012**

Sr. No	Name of Teaching Staff	Qualification	Designation	Area of Specialization	Teaching Experience in Years	No. of PG Students	
						Guiding	Guided
1	Dr. Gangadhar S.A	MDS	Professor	Prosthodontics	28 years	03	21
2	Dr. Aruna J. Bhandari	MDS	Professor	Prosthodontics	26 years	06	13
3	Dr Dhananjay Gandge	MDS	Sr. Lecturer	Prosthodontics	3 years	-	-
4	Dr Veena saraf	MDS	Sr. Lecturer	Prosthodontics	3 years	-	-
5	Dr Preeti Astagi	MDS	Sr. Lecturer	Prosthodontics	1 year	-	-
6	Dr Deepak Vikhe	MDS	Sr. Lecturer	Prosthodontics	6 months	-	-
7	Dr Ruchi Kasat	MDS	Sr. Lecturer	Prosthodontics	6 months	-	-
8	Dr Sugandha	BDS	Tutor	Complete dentures	4 Years	-	-





2013							
Sr. No	Name of Teaching Staff	Qualification	Designation	Area of Specialization	Teaching Experience in Years	No. of PG Students	
						Guiding	Guided
1	Dr. Gangadhar S.A	MDS	Professor	Prosthodontics	29 years	03	22
2	Dr. Aruna J. Bhandari	MDS	Professor	Prosthodontics	27 years	06	15
3	Dr Dhananjay Gandge	MDS	Sr. Lecturer	Prosthodontics	4 years	-	-
4	Dr Veena saraf	MDS	Sr. Lecturer	Prosthodontics	4 years	-	-
5	Dr Preeti Astagi	MDS	Sr. Lecturer	Prosthodontics	2 years	-	-
6	Dr Deepak Vikhe	MDS	Sr. Lecturer	Prosthodontics	1 year	-	-
7	Dr Ruchi Kasat	MDS	Sr. Lecturer	Prosthodontics	1 year	-	-
8	Dr Sugandha	BDS	Tutor	Complete dentures	5 Years	-	-
2014							
Sr. No	Name of Teaching Staff	Qualification	Designation	Area of Specialization	Teaching Experience in Years	No. of PG Students	
						Guiding	Guided
1	Dr. Gangadhar S.A	MDS	Professor	Prosthodontics	30 years	03	23
2	Dr. Aruna J. Bhandari	MDS	Professor	Prosthodontics	28 years	06	17
3	Dr Dhananjay Gandge	MDS	Sr. Lecturer	Prosthodontics	5 years	-	-
4	Dr Veena saraf	MDS	Sr. Lecturer	Prosthodontics	5 years	-	-
5	Dr Preeti Astagi	MDS	Sr. Lecturer	Prosthodontics	3 years	-	-
6	Dr Deepak Vikhe	MDS	Sr. Lecturer	Prosthodontics	2 years	-	-
7	Dr Ruchi Kasat	MDS	Sr. Lecturer	Prosthodontics	2 years	-	-
8	Dr Prasad Mhaske	MDS	Sr. Lecturer	Prosthodontics	6 months	-	-
9	Dr Sugandha	BDS	Tutor	Complete dentures	6 Years	-	-
2015							
Sr. No	Name of Teaching Staff	Qualification	Designation	Area of Specialization	Teaching Experience in Years	No. of PG Students	
						Guiding	Guided
1	Dr. Gangadhar S.A	MDS	Professor	Prosthodontics	31 years	03	24
2	Dr. Aruna J. Bhandari	MDS	Professor	Prosthodontics	29 years	06	19
3	Dr Dhananjay	MDS	Sr. Lecturer	Prosthodontics	6 years	-	-
4	Dr Veena saraf	MDS	Sr. Lecturer	Prosthodontics	6 years	-	-
5	Dr Deepak Vikhe	MDS	Sr. Lecturer	Prosthodontics	3 years	-	-
6	Dr Ruchi Kasat	MDS	Sr. Lecturer	Prosthodontics	3 years	-	-
7	Dr Prasad Mhaske	MDS	Sr. Lecturer	Prosthodontics	1 year	-	-
8	Dr Suraj Tambe	MDS	Sr. Lecturer	Prosthodontics	6 months	-	-
9	Dr Sugandha	BDS	Tutor	Complete dentures	7 Years	-	-

**(b) Faculty of the Department as Ph.D. Guides (Internal as well as External) (as on this day)**

Sr. No	Name of the Ph.D. Guide	No. of Ph.D. Students of University	
		Guiding	Guided & Awarded
1	Dr. Gangadhar S.A	Nil	Nil
2	Dr. Aruna J. Bhandari	Nil	Nil



**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors :**

S.No	Year	Name	Topic
1.	2011	Dr. Suresh Meshram Prof. Dept of prosthodontics.GDC Mumbai	Phonetics in Complete Dentures
2.	2012	Dr . Meena Ars .Hod Dept of prosthodontics GDC Goa	Designing of Cast partial Dentures
3.	2013	Dr. Vibha Shetty Hod Dept of prosthodontics M.S.Ramaiah Dental College Bangalore	Smile Designing
4.	2014	Dr. Prafulla Thomati Prof. Dept of prosthodontics. Oxford Dental College Bangalore	Occlusal contact analysis using T - Scan
5.	2015	Dr. Sanjay Bhawsar .Hod Dept of prosthodontics MGV dental college Nashik	Jaw tracking devices

**13. Percentage of classes taken by temporary faculty programme wise information: Nil**

**14. Programme wise Teacher Student Ratio**

Programme wise Teacher Student Ratio	Teacher Student Ratio 2011	Teacher Student Ratio 2012	Teacher Student Ratio 2013	Teacher Student Ratio 2014	Teacher Student Ratio 2015
<b>UG</b>	1:13	1:13	1:13	1:12	1:12
<b>PG</b>	1:3	1:4	1:4	1:4	1:4

**15. Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)**

Sr. No.	Staff	Name of the Post	Required as per statutory Bodies	Filled / Actual		
				M	F	Total
1	Administrative	Clerk	01	01	00	01
2	Technical	Mechanics	05	02	03	05
		Hygienist	01	00	01	01
3	Support	Nursing	02	02	00	02
		Attendant	05	04	01	05
	Total		14	09	05	14

**16. Research thrust areas as recognized by major funding agencies / by the Department (as on this day)**

1. Reinstillation of implant surgical procedures
2. Improving the Geriatric Dental Care
3. Oral Rehabilitation concepts and occlusion
4. Reinforcement methods for Dental Materials
5. Stress related Temporomandibular Disorders and Management

**17. Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise: (For the last 5 Years)**

**i) Five faculty of the department are involved in eight Research projects**

**Abstract of projects**

The details of projects are as follows:

**a) Ongoing Projects of Faculty (as on this day)**

Sr. No.	Investigator	Project Title	Grant Received in Rs. (Lakhs)	Duration (Yr.)
1	Dr. Aruna J. Bhandari	Floating denture	Nil	2 year
2	Dr. Aruna J. Bhandari	Percentage of HIV – Human immunodeficiency virus amongst the patients	Nil	2 year



		coming for dental treatment of rural dental hospital, Loni		
3	Dr. Gangadhar S.A	To quantify the amount of material required for acrylization of trail dentures – An in vitro study	Nil	2 year
4	Dr. Veena Saraf	Usefulness of Ophthalmic trial frame in iris positioning an in vivo study	Nil	2 year
5	Dr. Deepak Vikhe	Clinical evaluation of implant stability of unloaded submerged and non-submerged techniques in two piece implants pilot study	70000/- Funded by PIMS	2 year
6	Dr. Deepak Vikhe	An vitro study of assessment of fracture resistance of external hex and internal hex abutment implant design connection under compressive loading pilot study	30000/- Funded by PIMS	2 year
7	Dr. Aruna J. Bhandari	Study of correlation between dental extraction and refractive error	Nil	2 year
8	Dr. Aruna J. Bhandari	An Innovative type of unconventional removable partial labial denture	Nil	2 year

**b) Completed Projects of the faculty (last 5 Years)**

Sr. No.	Investigator	Project Title	Grant Received in Rs. (Lakhs)	Duration (Yr.)
1	Dr. Aruna J. Bhandari	Determining the position of artificial tooth in relation to the base of the palatal rugae: A pilot study	Nil	2 year
2	Dr. Aruna J. Bhandari	Dental operator's posture & position	Nil	2year
3	Dr. Aruna J. Bhandari	A clinical study of an improved Nitrile Butadiene Rubber denture soft lining material on acrylic denture base material.	Nil	2year
4	Dr. Aruna J. Bhandari	Various incision designs in Implant Dentistry	Nil	2year

**18. Inter- institutional collaborative projects of faculty & associated grants received (including clinical trials) excluding those included a Sr. No.16) (For the last 5 Years) (as on this day) – Nil**

**19. Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)**

	Research Projects under taken by	Data as given under sl. No. of DER	Total Projects	On going	Completed	Amount Received		Total Rs Lakhs
						O	C	
(a)	The faculty ( at the Dept. ) Funded by Self or Department or University	17	12	08	04	02	Nil	100000/-
	<b>Total</b>		12	08	04	02	Nil	100000/-

**20. (a) Research Facility**

<b>In the department (Details of facilities in brief)</b>	<ol style="list-style-type: none"> <li>1. All ceramic furnace - E Max.</li> <li>2. Implant surgical kit- Equinox</li> <li>3. Pentamix</li> <li>4. Automated pressure pot curing unit</li> <li>5. Sterio Microscope</li> <li>6. RVG X ray machine.</li> <li>7. Supertech Light curing (impression tray) unit</li> <li>8. Dental Loupes</li> </ol>
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<b>In other department (Details of facilities by the department) used by us.</b>	Central Clinical Lab – for routine blood investigations Oral medicine and Radiology – Radiographic investigations Oral Surgery – Nobel Biocare Implant surgical kit Periodontics – Periotest for evaluation of implant stability, soft tissue lasers
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**21. Special research laboratories sponsored by / created by industry or corporate bodies or parent organization of any: Nil**

**22. Publication data of last 5 years**

Publication in peer review journals and conference proceeding (ISSN)	National – 38, International – 21, Other - 06 <b>Total - 65</b>
Publication in Non- peer review journals and conference proceeding	00
No of monographs (ISBN/ Non ISBN)	: 5 ( <i>In the process</i> )
No of books published	: 4
No of chapters in books with details of publishers	: 00
No of papers in international/ national/ database (For eg. Pubmed, Scopus, Web of science, Google scholar, J-GET plus, ski finder, Indian Citation Index, Indian Science Abstracts, EBSCO host etc)	
<b>Research publication included and listed in international database are out of 70 total publications.</b>	
No of Citation index – range / average	:
SNIP	:
SJR	:
Impact Factor – range / average	:
h index	:
<b>Details given in Criteria III and Emerge Data</b>	

Publication in peer review journals and conference proceeding (ISSN) **ANNEXURE II.**

The 4 articles included in database are published in prestigious journals.

**23. Details of patents filed / granted and income generated (5 Years data): Nil**

**24. Areas of consultancy and income generated (5 Years data):**

Honorary Consultancy and reciprocatory consultancy

Sr. No	Faculty	Consultancy under taken
1	Dr. Gangadhar S.A	Honorary member of Curriculum development cell, Datta Meghe Institute of Medical sciences (DU), Sharad Pawar Dental College, Sawangi (Meghe), Wardha – 442004  Faculty of dentistry-External member D. Y. Patil University Pune

**25. Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data)**

**Faculty were selected to visit L/I/I in India and abroad. (Laboratories, Institutions, Industries)**The details are as follows:

**Dr. Aruna Bhandari**

Sr. No.	Visiting Institution / Laboratory / Industry, Name of place and Nation	Year of Visit	Purpose of Visit
1	PDM College, Bahadurgar	30 <sup>th</sup> Sep 2013	DCI inspection
2	Babu Banarashi College, Lachnow	10 <sup>th</sup> Oct 2013	DCI inspection
3	Azzazia College of Dental Science Kollum, Kerala	25 <sup>th</sup> Nov 2013.	DCI inspection
4	Vijaywada	9 <sup>th</sup> Dec 2013	DCI inspection
5	Rajiv Gandhi College of Dental Science Bangalore	10 <sup>th</sup> Jan 2014.	DCI inspection
6	Rama Dental College, Kanpur	7 <sup>th</sup> April 2014.	DCI inspection
7	Azamgargh Dental College, Azamgargh	30 <sup>th</sup> Oct 2014.	DCI inspection
8	Gwalior Dental College , Gwalior	18 <sup>th</sup> Nov 2014.	DCI inspection
9	Panineeya Mahavidyalaya Institute for Dental Science & Research centre, Hyderabad	2 <sup>nd</sup> Jan 2015	DCI inspection



10	People's Dental Academy. Bhanpur. Bhopal MP	23 <sup>rd</sup> and 24 <sup>th</sup> July 2015	DCI inspection
11	M.S. Ramaiah Dental College & Hospital, Banglore	13 <sup>th</sup> October 2015.	DCI inspection
12	Institute of Medical Sciences, Banaras Hindu University, Varanasi	30 <sup>th</sup> Oct 2015.	DCI inspection
13	Institute of Dental studies and Technology, Delhi Meerut road, NH – 58, Kadrabad, Modinagar - 201201, Dist Ghaziabad (U.P) on	27 <sup>th</sup> Nov 2015.	DCI inspection

- **Dr Gangadhar S A has gone as DCI Inspector to various colleges in India since 2005 regularly.**

**26. Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data) at University level**

1. Board of Studies— Dr. Gangadhar S.A, Dr. Aruna J. Bhandari, Dr. Dhananjay, Gandage, Dr. Veena Saraf, Dr. Deepak Vikhe., Dr. Ruchi Kasat
2. Board of Examinations— Dr. Gangadhar S.A, Dr. Aruna Bhandari,
3. Academic Council Membership— Dr. Gangadhar S.A, Dr. Aruna J. Bhandari,
4. 4. Research Committee— Dr. Gangadhar S.A, Dr. Aruna J. Bhandari,
5. IQAC— Dr. Gangadhar S.A, Dr. Aruna J. Bhandari, Dr. Dhananjay Gandage, Dr. Veena Saraf
6. Anti-Ragging Committee— Dr. Gangadhar S. A , Dr. Dhananjay Gandage, Dr. Veena Saraf, Dr. Ruchi Kasat, Dr. Sugandha Saini
7. Woman's cell - Dr. Aruna J. Bhandari,
8. 8. Institutional Ethical committees - Dr. Aruna J. Bhandari
9. Saksham committee - Dr. Aruna J. Bhandari,
10. Board of sports – Dr. Gangadhar S. A, Dr. Suraj Tambe
11. 11. Souvenir committee: Dr. Gangadhar S.A, Dr. Aruna J. Bhandari, Dr. Veena Saraf, Dr. Deepak Vikhe
12. 12. Vigilance Squad for Checking Teacher's Teaching Schedule- Dr. Veena Saraf
13. 13. Grievances Redressal committee: Dr. Aruna J. Bhandari
14. 14. Silver jubilee stamp release committee : Dr. Gangadhar S.A, Dr. Deepak Vikhe
15. RDC Alumni committee : Dr. Gangadhar S.A, Dr.Dhananjay Gandage, Dr. Deepak Vikhe, Dr. Ruchi Kasat, Dr. Prasad Mhaske, Dr. Suraj Tambe

Total no. of faculty	Inter-national level	National Level	State Level	Others (University level)	Total
8	-	-	-	8	8

**26. (a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data)**

Sr. No	Year	Name of the Faculty	Fellowship	Level
1	2012	Dr. Deepak Vikhe	Nobel Bio care implant course	College level
2	2012	Dr. Ruchi Kasat	Nobel Bio care implant course	College level
3	2015	Dr. Suraj Tambe	Nobel Bio care implant course	College level

S.N	Name of the faculty	Membership
1.	Dr. Gangadhar S.A	Indian Prosthodontic society; Indian Dental Association Indian Society of Oral Implantologists Association of Agricultural Medicine and Rural Health in India Indian Society of Prosthodontics, Restorative & Periodontology
2.	Dr. Aruna J. Bhandari	Indian Prosthodontic society; Indian Dental Association
3.	Dr Veena Saraf	Indian Prosthodontic society; Indian Dental Association
4.	Dr Deepak Vikhe	Indian Prosthodontic society; Indian Dental Association
5.	Dr Ruchi Kasat	Indian Prosthodontic society; Indian Dental Association
6.	Dr Prasad Mhaske	Indian Prosthodontic society; Indian Dental Association
7.	Dr Suraj Tambe	Indian Prosthodontic society; Indian Dental Association
8.	Dr. Sugandha	Indian Dental Association





**26. (b). Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals (5 Years data)**

	Total	Inter-National Level	National Level	State Level	Others level
EB	07	04	03	-	-

S.N	Name of the faculty	Year	Journal (ED)	Level
1.	Dr. Gangadhar S.A	2011 2012	Pravara medical review; Journal of Sinhgadgh Dental College	National
2.	Dr. Aruna J. Bhandari	2011 2015	Pravara medical review; Journal of dental health and allied sciences	National
3.	Dr. Veena Saraf	2012-2013	Journal of Oral Health Research	Inter-National

**27. Faculty recharging strategies (UGC, ASC/ MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)**

Sr. No.	Type of the Programme	No. of FDPs participated			Total
		State / University Level	National Level	International Level	
1	Orientation/Refresher/MET/CME	Refresher - 04			04
2	Workshop/Seminar/ Symposium/ conferences	-	91	3	94
3	FDPs (guest lecture, training, CM, CPC, etc.)	Guest lecture -16 FDP - 25			41

**28. Students Projects:** The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)

PG Dissertations			
Sr. No	Ongoing	Completed	Total
1	15	15	30

**29. a) Research Awards/recognitions received at the national and international level (5 Years data)**

Sr. No.	Received by	National Level	Total
1	Faculty	8	8
2	Student UG	-	-
3	Student PG	5	5
	Total	13	13

**b. General Awards to Faculties & Student for Social service / Extension activities. (5 Years data)**

	Total	National	State
Faculty	3	2	1

**30. Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any: (5 Years data)**

**7 national conference and one national workshop and 3 university level workshops.**



**30. b. Reports on details of S/S/C/W and External Resource person, delegates attended and Proceedings etc. are given in the annexure in the following format**

Sr. No	Name of the Event (S/S/C/W/FDP (CM, CME, CPC, GL, )	Sponsoring Agency	Level of Organization (I/N/U/S/C)	Resource Person	No. of Delegates	Date and Year
1	14 <sup>th</sup> IPS P.G. Convention on Manglore	PIMS	National	3	100	June 2012
2	CDE Programme of IDA Ahmed- nagar	IDA	National	3	55	2012
3	15 <sup>th</sup> IPS P.G. Convention Ghaziabad	PIMS	National	3	120	June 2013
4	CDE Programme of IDA Warna nagar	IDA	National	3	30	Aug 2013
5	IPS Ahmadabad conference Gujarat	PIMS	National	3	100	13-17 Nov 2013
6	MSDC conference Nashik	IDA	National	3	80	13 <sup>th</sup> Dec 2013
7	16 <sup>th</sup> IPS PG convention Visakhapatnam (A.P)	PIMS	National	2	80	5 <sup>th</sup> - 7 <sup>th</sup> June 2014
8	7 <sup>th</sup> Students Scientific Convention Loni	PIMS	National	5	300	1-3 <sup>rd</sup> Dec 2015

**31. Code of ethics for research followed by the departments:**

Institutional Ethical committee of Rural Dental college part of PIMS.

**32. Student Profile programme-wise**

a) Name of the Programme: Post graduation in Prosthodontics

Academic Year	No. of Application Received for PG CET	CET Pass %	No of Students Selected through CET		
			M	F	T
2011-12	126	82.04	14	08	22
2012-13	191	84.53	14	08	22
2013-14	90	87.35	12	06	18
2014-15	89	78.48	07	12	19
2015-16	86	82.14	05	12	17

No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year

Academic Year of Outgoing batch	No. of Students			% of Pass student with	
	Appeared	Pass	Percentage	I <sup>st</sup> Class	I <sup>st</sup> Class with D
May 2011	3	3	100%	2	-
May 2012	3	3	100%	1	-
May 2013	3	3	100%	3	-
May 2014	3	3	100%	1	-
May 2015	3	3	100%	1	-

**b) UG Students Name of the subject and course**

Academic Year	No. of Application Received	CET Pass %	No of Students Selected for UG Course		
			M	F	T
2011-12	2257	68.42	25	75	100
2012-13	3568	66.85	27	73	100
2013-14	2913	70.21	14	86	100
2014-15	2496	65.76	21	79	100
2015-16	2778	64.09	23	77	100



**Results of University examination for the subject taught by the Department**

Name of the Subject	Academic Year (For Outgoing Batch)		Total Students Appeared	No of Students passed	Pass % of Dept. Subject
II BDS Exams Dental Materials	June 2011	2012	95	93	97.89%
	Dec 2011	2012	31	30	96.77%
	June 2012	2013	88	86	97.22%
	Dec 2012	2013	30	28	93.33%
	June 2013	2014	105	105	100%
	Dec 2013	2014	35	33	94.28%
	June 2014	2015	100	90	90%
	Dec 2014	2015	24	23	95.83%
II BDS Exams Preclinical Prosthodontics	June 2011	2012	95	95	100%
	Dec 2011	2012	31	31	100%
	June 2012	2013	88	88	100%
	Dec 2012	2013	30	30	100%
	June 2013	2014	105	101	96.19%
	Dec 2013	2014	35	35	100%
	June 2014	2015	100	98	98%
	Dec 2014	2015	24	24	100%
IV BDS Exams Prosthodontics	June 2011	2012	8	8	100%
	Dec 2011	2012	20	20	100%
	Mar 2012	2013	70	70	100%
	June 2012	2013	77	77	100%
	Dec 2012	2013	38	30	90.45%
	June 2013	2014	95	93	97.89%
	Dec 2013	2014	34	34	100%
	June 2014	2015	65	64	98.45%
	Dec 2014	2015	26	26	100%
June 2015	2016	88	80	90.90%	

**33. Diversity of Students :**

Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state
no. 4	2011	0	3 (100%)	0
	2012	2 (66.66%)	1 (33.33%)	0
	2013	3 (100%)	0	0
	2014	1 (33.33%)	2 (66.66%)	0
	2015	1 (33.33%)	1 (33.33%)	1 (33.33%)

**b) UG Programme**

Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state
no. 4	2011	Qualified by state board examination	52.36	10.06
	2012		79.89	09.39
	2013		59.61	04.23
	2014		83.61	03.80
	2015		76.83	04.81



34. How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.) - Nil

35. Student progression: Either at PIMS or other Institution in India & Abroad (Average % for last 5 Years)

Sr. No	Student Progression	2011	2012	2013	2014	2015
1	UG – PG Studies	30%	33%	39%	30%	33%
2	UG to employment	100 %	100 %	100 %	100 %	100 %
3	PG to employment	100 % Academics	67% Academics 33% Clinical Practice	33% Academics 67% Clinical Practice	67% Academics 33% Clinical Practice	100 % Academics

36. Diversity of Staff as on this day

Number and % Diversity of Staff ( as on this day ) belonging to	% Staff who have obtained PG Degree from
<b>Same State:</b> No. 05 & 62 %	Parent University No. 03 & 42%
<b>Outside State:</b> No. 03 & 37 %	Other Universities of the State No. 02 & 28.5 %
<b>Other Countries:</b> Nil	Other State University No. 03 & 42%
	Other Countries Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date): Nil

38. Present details of departmental infrastructural facilities with regard to:

A) Infrastructural facility (Common to all departments)

a) Library (dept): No. of Collections Book/Journal/ Project Report Central Library books and Journal belonging to our department (both print and e mode)	:	<b>Department Library</b> Titles -54 Books – 54 , Journal – Nil <b>Central Library</b> Titles - 291 Books – 692, Subject speciality journal – 10 International 1- National Interdisciplinary Journal – 16 – International, 8- National
b) Internet facilities for staff and students	:	PMT Wi-Fi,
c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive & Inclusive)	:	Class Rooms-04 Demo Rooms- 2 Seminar Halls - 1 Auditorium -3
d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive & Inclusive)	:	<b>Computers, Internet, e-Lib, Dept. e-library, any other ICT facilities</b> i) Two Desktop Computers with CPU, ii) PMT Wi-Fi, iii) College Email (Outlook Express) iv) One Printer, v) 2 Dept. Intercom Phones,
e) Students laboratories at the Dept.	:	1. Dental Materials Lab. 2. Preclinical Practical lab
f) Research Laboratories of the Dept.	:	Well-equipped Clinic and Lab for doing PG Dissertation and minor projects.



g) Museum at the Dept. and no. of specimen, charts, Modules etc.	:	Specimen	Charts	Modules	
		07	28	28	
h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)	:	1. All ceramic furnace - E Max. 2. Implant surgical kit- Equinox 3. Pentamix 4. Automated pressure pot curing unit 5. Sterio Microscope 6. Supertech Light curing (impression tray) unit 7. Dental Loupes			

**38. B. Clinical learning resource data (as submitted to MCI/DCI/INC/Others/UGC)**

<b>Special Clinics</b>	<b>OPD Patients / day (Average)</b>
04	40- 45

Special Clinic	Day	Time	Incharge
Implant Clinic	Tuesday & Friday	9 am – 1 pm	Dr. Gangadhar S.A, Dr .Veena Saraf
TMJ & Occlusion	Wednesday	9 am – 1 pm	Dr. Gangadhar S.A, Dr. Aruna J. Bhandari
Maxillofacial Prosthodontics	Thursday	9 am – 1 pm	Dr. Aruna J. Bhandari, Dr. Veena Saraf
Esthetic Dentistry	Thursday	2 pm – 5 pm	Dr. Gangadhar S.A, Dr. Aruna J. Bhandari

<b>Patient's Feedback</b>	<b>GHP / GLP / SOPs</b>	<b>Submission of Compliance /Follow-up Reports to National /State Agencies</b>
Regularly Collected	For all clinical procedures SOP's Followed	-

**39. No. of doctoral post- doctoral students and Research Associates / PDF working: Nil**

<b>C) Para clinical learning resource (CCL Radiology &amp; Departmental Diagnostic Lab) Data &amp; Report : Details on Sophisticated diagnostic equipments and facilities , No. of diagnostic tests (Average per day and annual)</b>	
D) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well)	: <b>CCL:</b> Routine blood investigations, 8-10 patients per month <b>Radiology:</b> Dentscan 5 – 6 per month <b>OMDR:</b> Digital OPG 5- 6 per day.

**40. (a) Number of students getting financial assistance from the university**

- ❖ Undergraduate Interns and postgraduate students get monthly stipend from the college.
- ❖ Cash prize is being awarded to meritorious students from the university every year

**41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology: -**

- ❖ Need assessment exercise was undertaken before the development of MDS course in Prosthodontics
- ❖ Need assessment exercise was conducted before starting the certificate course in Implantology
- ❖ Based on the need assessment exercise evaluation various skill development programmes for students and faculty are initiated

**42. Does the department obtain feedback form: Yes**

Sr.No.	From	Yes/No	Feedback Manual / Digital
1	Student	Yes	Manual / Digital
2	Faculty	Yes	Manual / Digital
3	Alumni / Parents/ Employer	Yes	Manual / Digital





- ❖ Feedback forms are collected biannually, and they are evaluated regarding, teaching methodology, effective use of audio visual aids, models, chair side discussions, conducive environment for learning.
- ❖ The evaluations of the feedback forms from the students are discussed with the staff members in the departmental staff meetings, and appropriate changes are done in the teaching methodology. Slow learners are identified and remedial measures are taken up.
- ❖ Self appraisal forms of the teaching and non-teaching staff are collected annually, evaluated at University level and appropriate actions are taken.

**43. List the distinguished alumni of the department (Maximum 10) (UG student or PG Student belonging to the subject)**

Sr. No.	Name & Designation	Details at the University & Year	Place of work of alumni
1	Dr. Deepak Vikhe	2012	Sr. Lecturer RDC, Loni
2	Dr. Ruchi Kasat	2012	Sr. Lecturer RDC, Loni
3	Dr. Kunal Kolhe	2012	Sr. Lecturer Yashwantrao Gadakh college, A'Nagar
4	Dr. Tushar Vishave	2013	Private practice
5	Dr. Sonal Baldwa	2013	Sr. Lecturer Vikhe foundation, A'Nagar
6	Dr. Sonali Nalawade	2013	Private practice
7	Dr. Yogesh Sonawane	2014	Sr. Lecturer Yashwantrao Gadakh college, A'Nagar
8	Dr. Pravin Purnale	2014	Private practice
9	Dr. Soniya Niras	2014	Sr. Lecturer Prabhani Dental college, Parbhani
10	Dr. Suraj Tambe	2015	Sr. Lecturer RDC, Loni
11	Dr. Amol Bharate	2015	Private practice
12	Dr. Preetam Mahgaonakr	2015	Sr. Lecturer SMBT Dental college, Sangamner

**44. Give details of Student Enrichment Programmes (Special lectures/ Training /workshops / Seminar) involving internal & external experts during the last 5 years:**

The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under

Sr. No	Year	Event	Internal expert	External Expert
1	2011-12	5 <sup>th</sup> CDE programme on Precision attachments in část Partial dentures	02	02
2	2012-13	Tooth preparation hands on	05	02
3	2013-14	6 <sup>th</sup> annual symposium on widening Horizon for restoring smile	04	02
4	2014-15	7 <sup>th</sup> CDE programme Live demonstration on implant placement.	01	06
5	2015-16	Tooth preparation demonstration and Live implant surgery	04	01
6	2015-2016	8 <sup>th</sup> CDE programme Designing of Cast Partial dentures	02	01

**45. List the teaching methods adopted by the faculty for different programmes:**

A: Traditional B: Blended C: ICT enabled D: Learning Centric Approach E: Beyond Curriculum Scholarly activities

- ❖ Apart from regular pattern of teaching, UG and PG students are encouraged to participate in short topic presentations, pick and speak, Prostho Adalat and Prostho quiz.
- ❖ 2011 batch (IV BDS) students submitted library dissertations on clinical topics.



**45. b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling, )**

1. Student's orientation programmes for UG and PG students are conducted in the beginning of the academic year.
2. Induction programs are regularly conducted for UG students and is addressed by Dr. Gangadhar
3. Regularly CDE programs & Hands on Programs are organized to update current knowledge.
4. Regular counselling's are conducted to understand difficulties of students and to support them.
5. National Youth Day Celebration since last 5 Years

**2011**

S.NO	DATE	EVENT	CHIEF GUEST
1	12/01/2011	Elocution competition -Teachings of Swami Vivekananda	Dr. Gangadhar Dr. Aruna Bhandari
2		Drama – Life of Swami Vivekananda	

**2012**

S.NO	DATE	EVENT	CHIEF GUEST
1	12/01/2012	Elocution competition - My India Mother India	Dr. Gangadhar
2		Drama on Human values	

**2013**

S.NO	DATE	EVENT	CHIEF GUEST
1	09/01/2013	Essay writing - Age-experience and youth enthusiasm go hand in hand	Dr. Swati Dongre
2	11/01/2013	Painting competition - Youth in today's India	
3	12/01/2013	Elocution competition-"Mother India's call to the Youth	
4	12/01/2013	Lecture and Meditation	

**2014**

S.NO	DATE	EVENT	CHIEF GUEST
1	09/01/2014	Essay writing - They alone live who live for others, rest are more dead than alive	Dr Mrs. S.C. Shelke And Dr. C. V. Shelke
2	09/01/2014	Painting competition - Swami Vivekananda And His Image Of 'Bharat	
3	11/01/2014	Elocution competition- Serving The Needy With A Healing Touch In The Light Of Swami Vivekananda's 'Service To Man Is Service To The Lord'	
4	11/01/2014	Lecture on Siddha Samadhi Yoga by Dr. Mrs. S.C. Shelke	
5	11/01/2014	Drama – Sant Namdev-Visoba Khecher	

**2015**

S.NO	DATE	EVENT	CHIEF GUEST
1	08/01/2015	Quiz competition	Mr. Sampathrao Walunj (Principal PVP College) Dr Shashank Dalvi (Vice Chancellor PIMS)
2	12/01/2015	Elocution competition- Youth - Power And Responsibility	
3	12/01/2015	Speech on teachings of Swami Vivekananda by Mr. Sampathrao Walunj	

**46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

- Regular Patient, Student and faculty feedbacks are collected and evaluated and necessary action is being taken.



**47. Highlight the participation of students and faculty in extension activities: (Exclusive & Inclusive)**

**a. Involvement of student and faculty in various type of extension activity organized by the dept.**

Sr. No.	No. of Camps/Workshops/ Surveys/ Training/Rallies/ Lectures/ Celebrations/ any other events.	Academic Year	No. of Beneficiaries
1	Specialty clinic at peripheral dental health center Shrirampur (once a week)	2011-2015	8-10 per visit
2	Denture camp	2015	15

**47. b. Our faculty is involved extension in health awareness programs organized by the college / University through lectures, rally, camps/ training. as HR / Contributions**

Sr. No.	Programme	Venue	Topic	Year
1	Hello Doctor Programme (Dr. Aruna J. Bhandari)	Babhaleshwar Akaswahini	Common dental problems	2011
2	Hello Doctor Programme (Dr. Aruna J. Bhandari)	Babhaleshwar Akaswahini	Dental treatment modalities	2011
3	Hello Mai Mauli (Dr. Aruna J. Bhandari)	Babhaleshwar Akaswahini	Geriatric dental care	2012
4	Hello Doctor Programme ( Dr. Dhananjay Gandage)	Babhaleshwar Akaswahini	Dental treatment & awareness	2013
5	Hello Doctor Programme (Dr. Deepak Vikhe)	Babhaleshwar Akaswahini	Dental Implant – Recent advances	2014

**48. Give details of “beyond syllabus scholarly activities” of the department:**

- ❖ Library dissertation submitted by 2011 Batch BDS students during 2014-15
- ❖ Students are encouraged to present scientific papers and posters at conventions and conferences
- ❖ Departmental wall magazine
- ❖ Special case of the month - presentation

**49. State whether the programme / department is accredited / graded by other agencies? If yes, give details**

- ❖ BDS and MDS degrees are approved by DCI and accredited by UGC as grade “B”

**50. a) Brief highlight the contributions of the department in generating new knowledge, basic or applied ( based on published research articles, paper, projects, books, Patents etc.**

**b) Salient and unique features of Department.**

- i. Wifi Facility
- ii. E learning and teaching facility.
- iii. Adequate OPD for UGs and PGs.
- iv. Infrastructures with modern amenities and equipments for teaching and learning.
- v. Touch- o- mat burners
- vi. Rural Speciality Dental Health services at peripheral center treating the geriatric patients
- vii. Contribution in Rural Dental Camp organized by community department.
- viii. Foot control water taps
- ix. LED airtor hand piece

**c) Innovation of the Department.**

- i. Workshop on tooth preparation for undergraduates.
- ii. Manual impression tube dispenser
- iii. Clamp holding instrument for retrieval of flasks from dewaxing unit

**d) Best practice of the Department**

- i. Implant clinic,
- ii. Maxillofacial clinic,
- iii. TMJ Disorders & Occlusion clinic.
- iv. Special care to geriatric patients
- iv. Treatment costs are economical for all patients
- v. Clinical Research activities encouraged among the faculty and students



**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department: (Important or major ones) in bullet form.**

**Strength**

- Adequate Clinical material for student training and learning with special emphasis on geriatric patient care.
- Dedicated ,well trained team of staff members to cater the diverse need of students and rural patients
- Research projects are being funded by PIMS
- Student centered learning process and patient oriented interdisciplinary treatment facilities
- High cost treatments such as implants and all ceramic crowns and bridges are at affordable cost
- Up- gradation of knowledge through regular participation in conferences, conventions and organization of CDE programs.

**Weaknesses**

- Since treatments provided are at low cost, patients at times neglect instructions and appointments.
- Lack of insured schemes to benefit geriatric patients.

**Opportunities**

- Scope for improving awareness, geriatric dental care and preventive prosthodontics.
- Scope for reducing the number of patients being transformed from partial edentulous state to edentulous state.

**Challenges**

- To maintain long term follow up due to lack of awareness.
- To cope up with emerging technologies in the field of dentistry.
- Seasonal variation in the patients flow as most of the population depend on agriculture.

**52. Future Plan**

1. An introduction of certificate courses.
2. Increasing the number of PG intake capacity.
3. Development and expansion of Implant clinic.
4. Centralized lab facility / collaboration with established dental lab.
5. Establishment of MOU with national and international universities

**Any other points the department wish to add (Not covered as per Q. No. 1 to 51 if it is significant)**

Sr. No	Duration	Name of the Faculty	University visited	Scholarship programme
1	29 <sup>th</sup> Sep to 16 <sup>th</sup> Oct 2015	Dr. Deepak vikhe	University of Santiago de Compostela – Spain	EUPHRATES Erasmus Mundus lot 2 Scholarship programme

**Year wise description of scientific sessions chaired by the faculty**

Sr. No	Name of the Faculty	2011	2012	2013	2014	2015	Total
1	Dr. Gangadhar S.A	03	02	02	02	02	<b>11</b>
2	Dr. Aruna J. Bhandari	03	-	02	01	03	<b>09</b>
3	Dr. Veena Saraf	01	02	01	02	01	<b>07</b>
4	Dr. Dhananjay Gandage	-	01	-	01	-	<b>02</b>
5	Dr. Deepak Vikhe	-	-	-	02	01	<b>03</b>
6	Dr. Ruchi Kasat	-	-	-	-	01	<b>01</b>
<b>Total</b>		<b>07</b>	<b>05</b>	<b>05</b>	<b>08</b>	<b>08</b>	<b>33</b>

---Sd/---

**Name & Signature  
(Head of the Dept.)**

---Sd/---

**Name & Signature  
Principal of the College**





# Department of Periodontology



**Rural Dental College**  
**Pravara Institute of Medical Sciences**  
**(Deemed University)**







**Pravara Institute of Medical Sciences (Deemed University)**

**Institution: Rural Dental College, Loni-413736**

**Departmental Evaluative Report**

**Based on the date of 5 years : 2010-11 to 2015-16**

<b>1. Name of the Department</b>		:		<b>Periodontology</b>							
<b>2. Year of establishment</b>		:		1989							
<b>3. Is the Department part of a School/Faculty of the university?</b>		:		Faculty of Dental Sciences, Rural Dental College of PIMS (DU)							
<b>4. a) Names of programmes offered</b>		:		<b>As on this day</b>							
<b>Prog.</b>	<b>Name of the Program</b>	<b>Year of Establishment</b>		<b>Intake per year</b>	<b>Fresh enrollment for academic year</b>		<b>Current Total Student Strength of the Dept. (of all year I,II,III etc</b>				
UG	B.D.S	1989		100	100		200				
PG	M.D.S.	2002		03	03		09				
<b>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</b>											
<b>Name of Subject &amp; course</b>		<b>Total Hours of Teaching – Learning</b>			<b>No. of Papers &amp; Practical to be Taught</b>		<b>Marks for University exam</b>				
		<b>The</b>	<b>Pra</b>	<b>Total</b>	<b>Paper</b>	<b>Pra</b>	<b>Paper</b>	<b>Pra</b>	<b>Viva</b>	<b>Disser</b>	<b>Total</b>
Periodontology											
<b>UG</b>	02	80	170	250	01	01	70 + 10	90 + 10	20	Nil	200
<b>PG</b>	03				04	01	300	200	80	20	600
<b>c) Latest revision of curriculum/ syllabus in 2007 Year and their salient features are as following:</b>											
I. Suggestion for revision in BDS practical/ clinical Examination given in BOS meeting held on 19 <sup>th</sup> May 2016 : Inclusion of spotters in clinical examination.											
<b>d) Contribution of faculty to curriculum design and Development (CDD) as</b>											
i) Member / chairman BOS/ Faculty/ BOE at parent university and other universities.											
1. Dr. P.P. Marawar -Prof & HOD : Chairman of BOS Gr. III subjects in Dentistry.											
2. Dr. Babita Pawar- Professor : Member of BOS at parent university.											
3. Dr. Amit Mani- Professor : Member of BOS at parent university.											
4. Dr. Gowri Pendyala : Member of BOS at parent university.											
ii) Organization of CDD workshops at the Dept / University											
PIMS has organized MET and Research workshop- Departmental faculties have attended.											
iii) Participation in curriculum design and development workshops at university/Department											
Faculties of the department through BOS are involved in curriculum designing.											
<b>5. Courses in collaboration with other universities, industries, foreign institution etc:</b> Certificate course in Implantology in collaboration with Nobel Bio-Care.											
<b>6. Details of programs discontinued, if any with reasons:</b> Nil											
<b>7. Examination System:</b> Annual											
<b>8. Participation of the department in the courses offered by other departments:</b> Active participation in certificate course in Oral Implantology by Periodontology, Prosthodontics and Oral Maxillo-Facial Surgery											
<b>9. Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</b>											
<b>(a) Teachers</b>											
<b>S.N</b>	<b>Designation</b>	<b>Required as per DCI</b>		<b>Actual Faculty Strength (Recruited or filled)</b>							
					<b>Male</b>	<b>Female</b>	<b>Total</b>				
<b>i</b>	Professor	01			02	01	03				
<b>ii</b>	Associate Professor/ Reader	02			02	01	03				
<b>iii</b>	Assistant Professor	01			01	01	02				



	Lecturer				
<b>Sub Total( I to iii)</b>		<b>04</b>	<b>05</b>	<b>03</b>	<b>08</b>
<b>iv</b>	Demonstrator		Nil	Nil	Nil
<b>v</b>	Tutor		Nil	Nil	Nil
<b>vi</b>	Senior Resident		00	03	03
<b>vii</b>	Junior Resident		00	06	06
<b>Sub Total( iv to vii)</b>			<b>00</b>	<b>09</b>	<b>09</b>
<b>Grant Total ( i to vii)</b>			<b>05</b>	<b>11</b>	<b>17</b>
<b>Qualification Profile of Teachers</b>			<b>M</b>	<b>F</b>	<b>Total</b>
<b>With P.G. Degree Only</b>			<b>05</b>	<b>03</b>	<b>08</b>
<b>Teachers Pursuing Higher Degrees</b>			<b>01</b>	<b>Nil</b>	<b>01</b>

**10 Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)**

**a) Faculty (as UG/PG teachers) (Internal):**

Sr.No	Name of Teaching Staff	Qualification	Designation	Area of Specialization	Teaching Experience in Years	No. of PG Students	
						Guiding	Guided
01	Dr. P.P. Marawar	M.D.S.	Prof. & HOD	Periodontology	38 Yrs. 05 Mths	03	26
02	Dr. Babita Pawar	M.D.S.	Prof.	Periodontology	22 Yrs 06 Mths	03	06
03	Dr. Amit Mani	M.D.S.	Prof.	Periodontology	09 Yrs 03 Mths	03	Nil
04	Dr. Raju Anarthe	M.D.S.	Reader	Periodontology	07 Yrs	Nil	Nil
05	Dr. Gowri Pendyala	M.D.S.	Reader	Periodontology	06 Yrs.	Nil	Nil
06	Dr. Rajiv Saini	M.D.S.	Reader	Periodontology	05Yrs. 11 Mths	Nil	Nil
07	Dr. Vinay Vadvadgi	M.D.S.	Reader	Periodontology	05Yrs. 11Mths	Nil	Nil
08	Dr. Shivani Sachdeva	MDS	Reader	Periodontology	4 Yrs 4 Mths	Nil	Nil

**(b) Faculty of the Department as Ph.D. Guides (Internal as well as External) (as on this day)**

Sr. No	Name of the Ph.D. Guide	External or Internal	No. of Ph.D. Students of University	
			Guiding	Guided & Awarded
01.	Dr. P.P. Marawar	Internal	01	Nil

**11. Programme wise Teacher Student Ratio**

**Teacher Student Ratio**

<b>UG</b>	1:13
<b>PG</b>	1:1
<b>Ph.D.</b>	2:1

**12. Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)**

Sr. No.	Staff	Name of the Post	Required as per statutory Bodies	Filled / Actual		
				M	F	Total
1	Administrative	Clerk	01	00	00	00
2	Technical	Hygienist	02	01	01	02
3	Support	Staff Nurse	02	00	01	01
	Total		05	01	02	03

**13. Research thrust areas as recognized by major funding agencies / by the Department (as on this day)**

1. Periodontal Regeneration Techniques



<p>2. Periodontal Medicine          3. Genetic Approach in the Periodontal field          4. New Tobacco Intervention Concepts (NTIC)          5. Chair Side Diagnostics Technique</p>						
<p>14. <b>Number of ongoing and completed projects undertaken by faculty with funding</b> : 03 Ongoing Projects are undertaken by Dr. Rajiv Saini and its sponsored by PIMS DU.</p>						
<b>No. Funded by</b>	<b>Project</b>	<b>No. of ongoing projects (a)</b>	<b>No. Completed Projects (b)</b>	<b>Total Projects (a+b)</b>		
<b>University and Dept.</b>		03	Nil	03		
<p>15. <b>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)</b></p>						
	<b>Research Projects under taken by</b>	<b>Data as given under sl. No. of DER</b>	<b>Total Projects</b>	<b>On going</b>	<b>Completed</b>	<b>Total Rs Lakhs</b>
(a)	The faculty ( at the Dept. ) Funded by Self or Department or University	<b>16</b>	<b>16</b>	03	Nil	Nil
	<b>Total</b>			Nil	03	Nil
<p>16. <b>(a) Research Facility / Center and recognition by state / National / International agencies. (as on this day):</b> Nil</p> <p><b>In the department (Details of facilities in brief)</b>  <b>Salient features of facilities are as following..</b></p> <p>1. Department is equipped with all basic and clinical instruments and equipments.          2. Department is equipped with advanced diagnostic and research facilities.</p> <p><b>In other department (Details of facilities by the department) used by us.</b></p> <p>ci) In Dept. of Oral Maxillo-Facial Surgery surgical microscope is available .          cii) In Dept. of Oral Medicine, Diagnosis and Radiology digital Orthopantomogram X ray machine with soft ware is available which dispatches online x-ray that save time and helps fast diagnosis and treatment.          RVG X- ray machine is also available in Dept. of Oral Medicine, Diagnosis and Radiology, Dept. of Public Health Dentistry and Dept. of Endodontics at Rural Dental College.          ciii) At Rural Medical College advanced microbiology, Bio-chemistry, Pharmaceutical collaborates are established with all latest diagnostic and clinical instruments.          civ) Advanced radio diagnosis and therapy department          cv) Center of Biotechnology          College of Pharmacy and Rural Engineering college of Pravara Education Society are always helping in various research projects.</p>						
<p>17. <b>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization of any.:</b> Nil</p>						
<p>18. <b>Publication data of last 5 years</b></p>						
<b>Publications in peer reviews journals and conference proceeding (ISSN)</b>				National	23	
				International	59	
				Other	17	
				Total	99	
<p><b>No. of Monographs (ISBN/NON ISBN):</b> Nil</p>						
<p><b>No. of Books Published (ISBN/NON ISBN)</b> : 05</p>						
<p><b>No. of Edited Books (ISBN/NON ISBN)</b> : Nil</p>						
<p><b>No. of chapters in Books with details of publishers (ISBN/NON ISBN)</b> : 02</p>						
<p><b>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.)</b></p>						



<b>Research publication included and listed in international database are 88 Out of total publication.</b>						
<b>No. of Citation Index – range / average</b>		:	20-120			
<b>SNIP</b>		:	0.003			
<b>SJR</b>		:	0.292			
<b>Impact Factor- range/average</b>		:	1.6905			
<b>h-index</b>		:	10			
<b>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals (5 Years data)</b>						
	<b>Total</b>	<b>Inter-National Level</b>			<b>National Level</b>	
<b>Editor</b>	01	Int. Journal of Experimental Dental Science			Nil	
<b>EB</b>	05	Int J of Applied Dental Science			Unique J of Medical and dental Science	
		J of Natural Science Biology and Medicine			J of Oral Hygiene and Health	
		Mathew's Journal of Case Reports			-	
<b>Peer Reviewer</b>	03	i. ICDRO Journal ii. Int J of Medical and Health Science			J of Evolution of Medical and Dental Science	
<b>19. Faculty recharging strategies (UGC, ASC/ MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data) :</b>						
<b>Sr. No</b>	<b>Type of the Programme</b>	<b>No. of FDPs participated</b>				
		<b>Total</b>				
		<b>College Level</b>	<b>State / University Level</b>	<b>National Level</b>	<b>International Level</b>	<b>Total</b>
01	Workshop/Seminar/Symposium/conf.	95	58	50	17	220
<b>20. Students Projects:</b> The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)						
<b>Sr. No.</b>	<b>PG Projects</b>			<b>PG Dissertations</b>		
	<b>On going</b>	<b>Completed</b>	<b>Total</b>	<b>On going</b>	<b>Completed</b>	<b>Total</b>
01	09	Nil	09	06	15	21
<b>21. a) Research Awards/recognitions received at the national and international level (5 Years data)</b> Annexure Attached: 03 Students have won State Level Awards.						
<b>(ii) General Awards to Faculties &amp; Student for Social service / Extension activities. (5 Years data)</b> Dr.. P.P. Marawar has received lifetime achievement award by IDA, Aurangabad for his academic achievements and service to community.						
<b>22. Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data)</b>						
	<b>Total</b>	<b>State</b>	<b>Funding Source</b>	<b>No. of participants</b>	<b>No. of Resource Persons</b>	
Conference (C)	01	01	Delegate	420	06	
Workshops (W)	02	02	Registration fees	585	04	
Total	03	03		1005	10	



b)	<b>Note : Reports on details of S/S/C/W and External Resource person, delegates attended and Proceedings etc. are given in the annexure in the following format</b>					
	<b>Sr.No</b>	<b>Name of the Event S/S/C/W/FDP (CM, CME, CPC, GL, )</b>	<b>No. of Delegates</b>	<b>Date and Year</b>		
	01	A Rezendous with Perio-Esthetix-Thinking Beyond the White	260	30 <sup>th</sup> Aug 2013		
	02	6 <sup>th</sup> Student's Scientific Convention	420	24 <sup>th</sup> to 26 <sup>th</sup> Nov 2014		
	03	5 <sup>th</sup> CDE- Perio- Rejuvenation	325	4 <sup>th</sup> Sep 2015		
04	6 <sup>th</sup> CDE- "Challenges in Implantology"	274	19 <sup>th</sup> August 2016			
23. Code of ethics for research followed by the departments		Yes				
4. Student Profile programme-wise						
a) PG Programme Name of the Programme : <b>M.D.S. Periodontology</b>						
Academic Year	No. of Application Received for PG CET	CET Pass %	No of Students Selected through CET			
			M	F	T	
2010-11	126	82.04	01	02	03	
2011-12	191	84.53	02	01	03	
2012-13	90	87.35	00	03	03	
2013-14	89	78.48	02	01	03	
2014-15	86	82.40	00	03	03	
2015-16	84	81.60	00	03	03	
<b>No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year</b>						
Academic Year of Outgoing batch	No. of Students			% of Pass student with		
	Appeared	Pass	Pass %	I <sup>st</sup> Class	I <sup>st</sup> Class with Distinction	
2010-11	03	02	66.66	Nil	Nil	
2011-12	03	03	100	1	Nil	
2012-13	03	03	100	3	Nil	
2013-14	02	02	100	02	50	
2014-15	02	02	100	02	Nil	
2015-16	04	04	100	03	01	
b) UG Students Name of the subject and course						
Academic Year	No. of Application Received	CET Pass %	No of Students Selected for UG Course			
			M	F	T	
2011-12	2257	68.42	25	75	100	
2012-13	3568	66.85	27	73	100	
2013-14	2913	70.21	14	86	100	
2014-15	2496	65.76	21	79	100	
2015-16	2778	64.09	23	77	100	
<b>Results of University examination for the subject taught by the Department (Eg. Anatomy, Physiology etc.)</b>						
Name of the Subject	Academic Year (For Outgoing Batch)	Total Students Appeared	No of Students passed	Pass % of Dept. Subject		
Periodontology	2010-2011	79	78	98.73		
	2011-2012	77	77	100		
	2012-2013	60	52	86.66		
	2013-2014	65	65	100		





		2014-2015	90	83	92.22
		2015-2016	82	78	95.12
<b>Note- Give Results only for Regular Batch.</b>					
<b>25. Diversity of Students : a) PG Programme</b>					
Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries
	2010-11	01 33.33	02 66.66	Nil 00	Nil 00
	<b>MDS</b> 2011-12	Nil 00	03 1 00	Nil 00	Nil 00
	2012-13	03 100	Nil 00	Nil 00	Nil 00
	2013-14	02 66.66	01 33.33	Nil 00	Nil 00
	2014-15	Nil 00	03 00	Nil 00	Nil 00
	2015-16	01 33.33	02 66.66	Nil 00	Nil 00
<b>b) UG Programme</b>					
Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries
	<b>B. D. S.</b> 2010-11	100	97	03	Nil
	2011-12	17	05	Nil	Nil
	2012-13	16	06	Nil	Nil
	2013-14	14	04	Nil	Nil
	2014-15	16	06	Nil	Nil
	2015-16	15	07	Nil	Nil
<b>26. Student progression Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)</b>					
Student Progression		% against enrolled			
I	UG – PG Studies			10	
II	PG - SS			Nil	
III	PG – Ph. D.			01	
IV	UG to employment			Nil	
V	PG to employment			01	
VI	UG / PG to Entrepreneur			09	
<b>27. Diversity of Staff as on this day</b>					
<b>Number and % Diversity of Staff ( as on this day ) belonging to</b>			<b>% Staff who have obtained PG Degree from</b>		
<b>Same State/UT</b>	<b>No. 03 &amp; 37.5%</b>		Parent University	<b>No. 04 &amp; .50%</b>	
<b>Other State</b>	<b>No. 05 &amp; 62.5 %</b>		Other State University	<b>No. 03 &amp; 37.5%</b>	
<b>Other Countries</b>	<b>No. 00 &amp; 00 %</b>		Other State	<b>No. 01 &amp; . 12.5%</b>	
			<b>Other Countries</b>	<b>No.00 &amp; 0.0.%</b>	



28. <b>Present details of departmental infrastructural facilities with regard to :</b>		
<b>A) Infrastructural facility (Common to all departments)</b>		
<b>a) Library (dept): No. of Collections Book/Journal/ Project Report Central Library books and urnal belonging to our department (both print and e mode)</b>		
<b>Dept. Library Details:</b>	No. of Books	76 titles
	P.G. Dissertations	35
	Library Dissertations	35
	Seminars	90
	Journal Clubs	31
	<b>Central Library Details:</b>	
	No. of Books	239
	No. of Journals (Print)	190
	Journal E Mode	
	<b>b) Internet facilities for staff and students:</b> Wi-fi and internet facilities are available in the dept.	
<b>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive &amp; Inclusive)</b>	<b>Seminar Room</b>	01
	<b>Dept. Library</b>	01
	<b>Laser Surgery</b>	01
	<b>PG Clinics</b>	02
	<b>UG Clinics</b>	02
	<b>Others</b>	02
<b>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive)</b>	:	04 Centralized classrooms with seating capacity of 100 are available in the Rural Dental College with LCD Projectors, speakers, display screen and blackboards
<b>e) Students laboratories at the Department</b>	:	05 (03 PG & 02 UG) clinical laboratories are available in the dept for the clinical studies.
<b>f) Research Laboratories of the Dept.</b>	:	Research equipment and facilities available in the department.
<b>g) Museum at the Department and no. of specimen, charts, Models etc.</b>	:	Nil <b>50 charts, Models</b>
<b>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)</b>	:	1. Soft Tissue Laser (Diode laser) 2. Microsurgery Instrument Kit (02) 3. Florida Probe (Computerized probe) 4. Periotron (Model : 8000 ) 5. Ultrasonic Piezo-bone surgery unit 6. Perio Test S (Mobilometer) 7. Physio-dispenser 8. Intraoral camera
<b>B) Clinical learning resource data ( as submitted to DCI)</b>		
(a) Dental Chairs	(b) Special Clinic	(c) Surgical Section
46	01	01
<b>(g) OPD Patients / day ( Average )</b>	45-50	
<b>(k) Patient's Feedback</b>		<b>(l) SOPs</b>



Yes		09		
D) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well		:	Interdepartmental collaboration	
<b>29. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology : Yes</b> <ul style="list-style-type: none"> <li>• Planning of the department to introduction of MDS course and increase seats from 02 to 03,</li> <li>• Revise planning of undergraduate course at the time of increase admission from 60-100 .</li> </ul>				
<b>30. Does the department obtain feedback from</b>				
<b>Sr. No.</b>	<b>From</b>	<b>Yes/No</b>	<b>Feedback Manual / Digital</b>	<b>How the feedback analysis is used for improvement</b>
1	Student	Yes	Manual/Digital	Teaching – Learning C.D.D.
2	Faculty	Yes	Manual/Digital	Innovative Practices
3	Alumni/ Parents / Employer	Yes	Manual/Digital	
<b>31 List the distinguished alumni of the department : PG Student belonging to the subject</b>				
<b>Sr. No.</b>	<b>Name &amp; Designation</b>	<b>PIMS University &amp; Year</b>	<b>Place of work of alumni</b>	
01	Dr. Mayur Khairnar	June 2012	Periodontist & Implantologist at Precision Dental Clinic, Vasai. Conducts hands-on courses on Implants at National & International level.	
02	Dr. Sonal Gourkhede	June 2012	Private Practice at Pune.	
03	Dr. Sudeep H.M	June 2012	Senior Lecturer at Vikhe Foundation Institute of Medical Sciences, Viladghat.	
04	Dr. Neha Sodhi	June 2013	Private Practice at Thane.	
05	Dr. Avneesh Tejvani	June 2013	Consulting Periodontist & Implantologist at Mumbai	
06	Dr. Ishwardas Patil	June 2014	Private Practice at Kharghar.	
07	Dr. Sagar Shinde	June 2014	Private Practice at Jamkhed	
08	Dr. Rujuta Mhaisekar	June 2015	Private Practice at Valsad.	
09	Dr. Richa patel	June 2015	Periodontist & Implantologist at Global Hospital, Andheri (w)	
10	Dr. Sayali Patil	June 2016	Private Practice at College Road, Nashik.	
<b>32 Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</b> <b>The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under</b>				
<b>Sr. No.</b>	<b>Event (SEP) PG</b>	<b>No. Events</b>	<b>No. of Prominent</b>	
			<b>External Experts</b>	<b>Internal Experts</b>
1.	PG	02 (2012)	Dr. Kanir Bhatia	Dr. P. P. Marawar Dr. Babita Pawar
2.	PG	02 (2013)	Dr. Kanir Bhatia	Dr. P. P. Marawar Dr. Babita Pawar
3.	PG	02 (2014)	Dr. Kanir Bhatia	Dr. P. P. Marawar Dr. Babita Pawar
4.	PG	02 (2015)	Dr. Kanir Bhatia	Dr. P. P. Marawar Dr. Babita Pawar
5.	PG	02 (2016)	Dr. Kanir Bhatia	Dr. P. P. Marawar Dr. Babita Pawar



Internship Orientation Programme													
Student Mentor Relationship													
Student Counseling Session													
2011							9						
2012							10						
2013							9						
2014							9						
2015							10						
2016							6						
2011							0						
2012							0						
2013							1						
2014							1						
2015							1						
2016							1						
<b>(Details given in annexure)</b>													
<b>33. a) List the teaching methods adopted by the faculty for different programmes:</b>													
Sr. No.	For UG	A	B	C	D	E	For PG	A	B	C	D	E	
		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
A: Traditional B: Blended C: ICT enabled D: Learning Centric Approach E: Beyond Curriculum Scholarly activities.													
<b>34. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:</b> Quarterly every year departmental meeting under the guidance of HOD to insure achievement and target of department.													
<b>35. Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive) Involvement of student and faculty in various type of extension activity organized by the dept. :</b> Participated in Camps and Satellite clinics.													
<b>Sr. No.</b>	<b>No. of Camps/Workshops/ Surveys/Training/Rallies/Lectures/ Celebrations/ any other events.</b>					<b>Academic Year</b>	<b>No. of Beneficiaries</b>						
1.	05					2011	810						
2.	05					2012	1540						
3.	05					2013	1105						
4.	05					2014	750						
5.	05					2015	640						
6.	02					2016	500						
<b>ii) Our faculty is involved extension in health awareness programs organized by the college / University through lectures, rally, camps/ training. as HR / Contributions:</b> Participated in Namaskar Doctor Programmes organized by PIMS, Loni.													
<b>Sr. No.</b>	<b>Programme</b>			<b>Faculty/ PG Involved</b>		<b>Venue</b>		<b>Topic</b>			<b>Date</b>		
1.	Namaskar Doctor Programme Organized by PIMS & PMT, Loni			Dr. Raju Anarthe		IT Center, Pravara Medical Trust, Loni		Tobacco Induced Dental Diseases.			12 <sup>th</sup> Feb 2013		
2.	Training Programme for 'Arogya Mitra' of 'Pravara Gram Arogya Bank' on Eve of World Health Day 2014			Dr. Raju Anarthe		Center for Social Medicine, Rural Medical College, Loni		Dental Hygiene and Primary Dental Care.			8 <sup>th</sup> April 2014		



	3.	Namaskar Doctor Programme Organized by PIMS & PMT, Loni	Dr. Ankita Dalvi	IT Center, Pravara Medical Trust, Loni	Ill effects of Tobacco	10 <sup>th</sup> Feb 2015						
	4.	Namaskar Doctor Programme Organized by PIMS & PMT, Loni	Dr. Rachita Mustilwar	IT Center, Pravara Medical Trust, Loni	Periodontal Health	19 <sup>th</sup> May 2015						
	5.	Namaskar Doctor Programme Organized by PIMS & PMT, Loni	Dr. Raju Anarthe	IT Center, Pravara Medical Trust, Loni	Adverse Effects of Tobacco	13 <sup>th</sup> Feb 2016						
	6.	Namaskar Doctor Programme Organized by PIMS & PMT, Loni	Dr. Rachita Mustilwar	IT Center, Pravara Medical Trust, Loni	Teeth Cleaning and Gum Diseases Awareness	17 <sup>th</sup> May 2016						
<b>36.</b>	<p><b>Give details of “beyond syllabus scholarly activities” of the department :</b></p> <ol style="list-style-type: none"> <li>1. Exposure to UG students to HI-Tech, latest and advanced equipments.</li> <li>2. Exposure of UG Students for ultrasonic scaling.</li> <li>3. Use of intra-oral camera for patient motivation and education.</li> <li>4. Exposure of PG students to abstract writing in first year of admission.</li> <li>5. Encouragement of UG and PG students for paper and poster presentation in various national conferences.</li> </ol>											
<b>37.</b>	<p><b>State whether the programme / department is accredited / graded by other agencies? If yes, give details :</b> Yes Dental Council of India and UGC</p>											
<b>38.</b>	<p><b>Brief highlight the contributions of the department in generating new knowledge, basic or applied ( based on published research articles, paper, projects, books, Patents etc.</b></p> <p><b>a) Salient and unique feature of Department. :</b> Diagnosis and treatment to rural poor with minimum charges.</p> <p><b>b) Innovation of the Department. :</b> Chair-side diagnostic techniques, Use of laser, microsurgery and peizo-surgery in Periodontal therapy. Ridge augmentation using titanium mesh. Sinus lift using intraoral and extraoral autogenous bone graft.;</p> <p><b>c) Best practice of the Department:</b> Evidence based periodontal therapy.</p>											
<b>39.</b>	<p><b>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department: (Important or major ones) in bullet form.</b></p> <table border="1" style="width: 100%;"> <tr> <td style="width: 20%;"><b>Strength</b></td> <td> <ul style="list-style-type: none"> <li>● Hi-Tech armamentarium with latest technologies like LASER, piezo electric unit, Periotron and florida probe.</li> <li>● Abundant patient inflow with commensurable material</li> <li>● State of the art Infrastructure.</li> <li>● We are gratified to have dedicated and committed faculty members for enrichment and upliftment of the unprivileged rural population.</li> <li>● Faculty with exemplary teaching skills with numerous books &amp; research publication</li> </ul> </td> </tr> <tr> <td><b>Weaknesses</b></td> <td> <ul style="list-style-type: none"> <li>● Owing to low literacy rate due to local geographical set up people are reductant to quit adverse habits like tobacco and related tobacco related products.</li> </ul> </td> </tr> <tr> <td><b>Opportunities</b></td> <td> <ul style="list-style-type: none"> <li>● Excellent research facilities are the pillars that give us oppurtunities for multitudinal research work.</li> <li>● Opportunities to create awareness about oral health care and cancer through audio-visual aids</li> <li>● We have the opportunity to cater huge rural and urban population with the help of camps and mobile clinics.</li> </ul> </td> </tr> </table>						<b>Strength</b>	<ul style="list-style-type: none"> <li>● Hi-Tech armamentarium with latest technologies like LASER, piezo electric unit, Periotron and florida probe.</li> <li>● Abundant patient inflow with commensurable material</li> <li>● State of the art Infrastructure.</li> <li>● We are gratified to have dedicated and committed faculty members for enrichment and upliftment of the unprivileged rural population.</li> <li>● Faculty with exemplary teaching skills with numerous books &amp; research publication</li> </ul>	<b>Weaknesses</b>	<ul style="list-style-type: none"> <li>● Owing to low literacy rate due to local geographical set up people are reductant to quit adverse habits like tobacco and related tobacco related products.</li> </ul>	<b>Opportunities</b>	<ul style="list-style-type: none"> <li>● Excellent research facilities are the pillars that give us oppurtunities for multitudinal research work.</li> <li>● Opportunities to create awareness about oral health care and cancer through audio-visual aids</li> <li>● We have the opportunity to cater huge rural and urban population with the help of camps and mobile clinics.</li> </ul>
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		<ul style="list-style-type: none"><li>• Researches , academic, culturals, sports activities are benefactored by the fundings provided by the university.</li></ul>
	<b>Challenges</b>	<ul style="list-style-type: none"><li>• Rural perspectives restrict certain treatment procedures like cosmetic surgery and periodontal plastic surgery</li></ul>
<b>40</b>	<b>Future Plan</b>	
		<ol style="list-style-type: none"><li>1. Establishment of fresh breath clinic which deals with assessment of halitosis.</li><li>2. Establishment of Perio-esthetic clinics.</li><li>3. Establishment of Oral DNA lab for genetic analysis.</li></ol>

---Sd/---  
**Name & Signature**  
**(Head of the Dept.)**

---Sd/---  
**Name & Signature**  
**Principal of the College**





## Department of Oral and Maxillofacial Surgery



**Rural Dental College**  
**Pravara Institute of Medical Sciences**  
**(Deemed University)**





**Pravara Institute of Medical Sciences (Deemed University)**

**Institution: Rural Dental College, Loni**

**Departmental Evaluative Report**

**Based on the date of 5 years :2010-11 to 2015-16**

<b>1.</b>	<b>Name of the Department</b>		:	<b>Oral &amp; Maxillofacial Surgery</b>								
<b>2.</b>	<b>Year of establishment</b>		:	August 1989								
<b>3.</b>	<b>Is the Department part of a School/Faculty of the university?</b>		:	RDC,a constituted college of PIMS (DU)Faculty of Dentistry								
<b>4.</b>	<b>a) Names of programmes offered</b>		:	<b>As on this day</b>								
	Prog.	Name of the Prog. Year of Establishment	Year of Establishment	Intake per year	Fresh enrollment for academic year	Current Total Student Strength of the Dept. (of all year I,II,III etc						
	UG	BDS	1989	100	2016-17	100						
	PG	MDS	2003	03	2016-17	08						
	Ph.D	Ph. D			2016-17	02						
	Any other (SS/innovative) Certificate / Diploma	Implantology certificate Course	2009	10	2016-17	08						
	Total			113		118						
	<b>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</b>											
		Name of Subject / course	Total Hours of Teaching – Learning			No. of Papers & Practical to be Taught		Marks for University exam				
			Theory	Practical	Total	Paper	Practical	Paper	Practical	Viva	Dissertation	Total
	UG	Oral & Maxillofacial Surgery	70	360	430	01	01	70+10	100	10+10	200	
	PG	Oral & Maxillofacial Surgery -3 Y	-	-	-	04	01	300	200	80	20	600
	<b>c) Latest revision of curriculum/ syllabus and their salient features.</b>											
	<b>d) Contribution of faculty to curriculum design and Development (CDD) as</b>											
	i) Member of BOS at parent university and other universities.:- 03 Member Of BOS:-DrSeemit Shah , Dr. AnujDadhich& Dr. Harish Saluja.											
	ii) Member of Academic council- DrSeemit Shah											
	iii) Participation in curriculum design and development workshops at university/Department :-The members of BOS & AC from our dept tries to modify & develop the curriculum of the university according to recent advances & recent DCI norms.											
<b>5.</b>	<b>Interdisciplinary programmes offered by the Department and department involved</b>											
	Name of Programs offered by our department			Involved Departments								
				Within the institute								



Case Discussion & Planning	<b>Dept of Dental college:</b> Dept. of Oral Pathology, OMDR, Orthodontics, Prothodontics, Endodontics, Periodontics, Pedodontics. <b>Dept of Medical College:</b> Orthopaedics, ENT, Ophthalmology, Gen Medicine, Dept of Radiology, Dept of Oncology, Dept of Gynaecology, Dept of General Pathology, Dept of Anaesthesiology.						
<b>Nature of involvement:</b> -Clinical Case Based Discussion,& Evidence Based Learning.							
6. <i>Courses in collaboration with other industries</i>	Certificate course in Implantology (Nobel biocare Inc. Sweden)						
7. <i>Details of programs discontinued, if any with reasons</i>	Not applicable						
8. <i>Examination System</i>	Annual						
9. <i>Participation of the department in the courses offered by other dept.</i>	Implantology certificate Course, Oral Surgery, Periodontics & Prosthodontics						
10.	<i>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</i>						
<i>(a) Teachers</i>							
<i>S.N.</i>	<i>Required as per MCI /DCI / INC/ UGC / Other Statutory bodies</i>	<i>Actual Faculty Strength (Recruited or filled)</i>					
		<i>Male</i>	<i>Female</i>	<i>Total</i>			
<i>i</i>	Professor	00	01	01			
<i>ii</i>	Associate Professor Reader	02	00	02			
<i>iii</i>	Assistant Professor Lecturer	01	01	02			
<i>Sub Total( I to iii)</i>		<b>03</b>	<b>02</b>	<b>05</b>			
<i>iv</i>	Demonstrator	00	00	00			
<i>v</i>	Tutor	01	00	01			
<i>vi</i>	Senior Resident	01	02	03			
<i>vii</i>	Junior Resident	02	03	05			
<i>Sub Total( iv to vii)</i>		04	05	09			
<i>Grant Total ( i to vii)</i>		07	07	14			
11.	<i>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day) :- a) Faculty (as UG/PG teachers) (Internal):</i>						
<b>Sr. No</b>	<b>Name of Teaching Staff</b>	<b>Qualification</b>	<b>Designation</b>	<b>Area of Specialization</b>	<b>Teaching Experience in Years</b>	<b>No. of PG Students</b>	
						<b>Guiding</b>	<b>Guided</b>
1	Dr. Seemit Shah	MDS	Professor &HOD	Cleft Lip & Palate	16 years	04	1
2	Dr. Uma Mahindra	MDS	Professor	OMSF	22 Yr& 06 Mths.	-	16
3	Dr. AnujDadhich	MDS	Reader	Orthognathic	06 Yr& 11 Mths	02	01
4	Dr. Harish Saluja	MDS	Reader	Maxillofacial trauma & Pathology	06 Yr& 01 Mths	02	00





	5	Dr. ParulTandon	MDS	Sr. Lecturer	Implants	02 Yrs& 5 Mths	00	00	
	6	Dr. AbhishekMulay	MDS	Sr. Lecturer	Exodontia	01 Yrs& 08 Mths	00	00	
	7	Dr. P.M. Ahirrao	BDS			17 Yr& 11 Mths	00	00	
<b>(b) Faculty of the Department as Ph.D. Guides (Internal as well as External) (as on this day)</b>									
Dr. Uma Mahindra ( Professor Guiding)				02 Students (Dr. AnujDadhich& Dr. Harish Saluja)					
<b>12.</b>	<b>List of senior Visiting Fellows, adjunct faculty, emeritus professors : (as on this day)</b>								
	<b>Sr. No</b>	<b>Name of the Faculty and their nature of involvement</b>	<b>Qualification</b>	<b>Area of Specialization</b>	<b>Experience in years</b>				
	1.	Dr. Kanir Bhatia ( Implant Module)	BDS	Implants	25-30 Years				
<b>13.</b>	<b>Percentage of classes taken by temporary faculty programme wise information</b>					:	Nil		
<b>14.</b>	<b>Programme wise Teacher Student Ratio</b>			:	<b>Teacher Student Ratio</b>				
	<b>Programme</b>								
	<b>UG</b>				1:20				
	<b>PG</b>				1:3				
	<b>Ph.D</b>				1.2				
<b>15.</b>	<b>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</b>								
	<b>Sr. No</b>	<b>Staff</b>	<b>Name of the Post</b>	<b>Required as per statutory Bodies</b>	<b>Filled / Actual</b>				
					<b>M</b>	<b>F</b>	<b>Total</b>		
	1	Administrative	Clerk	01	01	00	01		
	2	Technical	Dental Mechanic	01	01	00	01		
			Dental Hygienist	01	00	01	01		
	3	Support	Nursing	02	02	00	02		
			Sweeper & Attendant	04	02	02	04		
	<b>Total</b>			<b>09</b>	<b>05</b>	<b>04</b>	<b>09</b>		
<b>16.</b>	<b>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</b>								
	<ul style="list-style-type: none"> <li>-Cleft- Nasoalveolarmoulding, comparison of various surgical techniques.</li> <li>-Advance surgical methods-Use of PRF in cases of cysts, tumors, implants and in cases requiring sinus lift.</li> <li>-Use of Fibrin Glue-in cases of lacerations among paediatric patients instead of sutures.</li> <li>-Oncology- Research on N0 neck Dissections.</li> <li>-Craniofacial anomalies-Distracted Osteogenesis, Transport Distracted, Use of Medpore.</li> </ul>								
<b>17.</b>	<b>Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise : (For the last 5 Years)</b>								
	:- 2 faculty of the department are involved in 4 Ongoing Research project.								



<p><i>The details of projects are as follows:</i></p> <p><b>a) Ongoing Projects of Faculty (as on this day):</b> All Sponsored by PIMS-DU/RDC</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>PI, Co-PI and Project Title</th> <th>Name Of the Faculty</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Burstone's Cephalometric analysis: How different is Maharashtra population from Caucasians.</td> <td>Dr. AnujDadhich</td> </tr> <tr> <td>2.</td> <td>To evaluate factors involved in Delayed presentation of Oral Cancerous lesions in rural areas.</td> <td>Dr. Harish Saluja</td> </tr> <tr> <td>3.</td> <td>Evaluation of wrong side surgery in medical speciality</td> <td>Dr Harish Saluja</td> </tr> <tr> <td>4.</td> <td>Evaluation of wrong side surgery in Dentistry.</td> <td>DrParulTandon</td> </tr> </tbody> </table> <p><b>(b) Completed projects of faculty (as on this day)</b></p> <table border="1"> <tbody> <tr> <td>1.</td> <td>Prevalence of oral squamous cell carcinoma in different sites of oral cavity at our rural center Loni, Maharashtra- Retrospective study of 10 years.</td> <td>Dr. AnujDadhich Dr Harish Saluja DrParulTandon</td> </tr> </tbody> </table>									Sr. No.	PI, Co-PI and Project Title	Name Of the Faculty	1.	Burstone's Cephalometric analysis: How different is Maharashtra population from Caucasians.	Dr. AnujDadhich	2.	To evaluate factors involved in Delayed presentation of Oral Cancerous lesions in rural areas.	Dr. Harish Saluja	3.	Evaluation of wrong side surgery in medical speciality	Dr Harish Saluja	4.	Evaluation of wrong side surgery in Dentistry.	DrParulTandon	1.	Prevalence of oral squamous cell carcinoma in different sites of oral cavity at our rural center Loni, Maharashtra- Retrospective study of 10 years.	Dr. AnujDadhich Dr Harish Saluja DrParulTandon		
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18.	<p><b>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)</b></p> <table border="1"> <thead> <tr> <th rowspan="2"></th> <th rowspan="2">Research Projects under taken by</th> <th rowspan="2">Data as given under sl. No. of DER</th> <th rowspan="2">Total Projects</th> <th rowspan="2">On going</th> <th rowspan="2">Completed</th> <th colspan="2">Amount Received</th> <th rowspan="2">Total Rs Lakhs</th> </tr> <tr> <th>On</th> <th>Completed</th> </tr> </thead> <tbody> <tr> <td>(a)</td> <td>The faculty ( at the Dept. ) Funded by Self or Department or University</td> <td>17</td> <td>05</td> <td>04</td> <td>01</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>									Research Projects under taken by	Data as given under sl. No. of DER	Total Projects	On going	Completed	Amount Received		Total Rs Lakhs	On	Completed	(a)	The faculty ( at the Dept. ) Funded by Self or Department or University	17	05	04	01	-	-	-
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						On	Completed																					
(a)	The faculty ( at the Dept. ) Funded by Self or Department or University	17	05	04	01	-	-	-																				
19.	<p><b>(a) Research Facility / Center and recognition by state / National / International agencies.(as on this day)</b></p> <p><b>In the department (Details of facilities in brief):</b> Surgical microscope, Loupes, Centrifugation Machine, Implants, Nasoalveolar Moulding in clefts.</p> <p><b>In other department (Details of facilities by the department) used by us.:</b></p> <ul style="list-style-type: none"> <li>-In Oral pathology,digital electronic microscopes are available for research work.</li> <li>-In dept of Prostho-Prosthesis for implant cases &amp; post resection cases are given which are utilized as resource to carry out research.</li> <li>-CCL, Microbiology, Gen Pathology, Blood Bank are available for dept based research with prior permission.</li> </ul>																											
20.	<p><b>Publication data of last 5 years</b></p> <p><b>Publications in peer reviews journals and conference proceeding (ISSN)</b></p> <p><b>Publication in Non-Peer reviewed Journals / conference proceeding )</b></p>					<p><b>National :- 34 International:- 09</b></p> <p><b>Other :- 12 Total :- 55</b></p> <p><b>National -Nil – International- Nil</b></p> <p><b>Other- Nil – Total- Nil</b></p>																						
21.	<p><b>No. of Books Published (ISBN/NON ISBN):</b> 01 Ethical and legal issues in dentistry-Paras Publication 2010</p> <p><b>No. of Edited Books (ISBN/NON ISBN):</b> 01</p> <p><b>No. of chapters in Books with details of publishers (ISBN/NON ISBN):</b> Nil</p> <p><b>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.):</b>- Paper Presentation :- 16 &amp; Poster Presentation :- 19 Total :- 25.</p>																											



	<b>Research publication included and listed in international database are –09 Out of total publication.</b>				
	<b>No. of Citation Index – range / average</b>	:	<b>Details given in Criteria III and Emerge Data</b>		
	<b>SNIP</b>	:			
	<b>SJR</b>	:			
	<b>Impact Factor- range/average</b>	:			
	<b>h-index</b>	:			
<b>22.</b>	<b>Areas of consultancy and income generated(5 Years data)</b>	:	3-4 Lakh per month from Rajiv Gandhi yojna		
<b>23.</b>	<b>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data)</b>				
	<b>04 faculty were selected to visit L/I in India and abroad. (Laboratories, Institutions, Industries)The details are as follows :</b>				
	<b>Sr. No</b>	<b>Name of the Faculty</b>	<b>Visiting Institution / Laboratory / Industry, Name of place and Nation</b>	<b>Year of Visit</b>	<b>Purpose of Visit</b>
	<b>1.</b>	Dr. Harish Saluja	Tata Memorial Institute of cancer Research, Mumbai	Dec. 2009	Training
	<b>2.</b>	Dr. Harish Saluja	GSR Institute of Cleft & Craniofacial Center, Hyderabad	April 2010	Training
	<b>3.</b>	Dr. Anuj Dadhich	Amrita Institute of Medical Sciences, Kochi	June 2010	Microvascular training
	<b>4.</b>	Dr. Anuj Dadhich	Ganga Microsurgery Training Institute, Coimbatore.	13/4/2015	Microsurgery training
<b>24.</b>	<b>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data)</b>				
	<b>Total no. of faculty</b>	<b>Inter-national level</b>	<b>National Level</b>	<b>State Level</b>	<b>Others</b>
	<b>01 (IBOMS)</b>	01	04	02	03
	<b>(a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data)</b>				
	<b>Fellowship</b>	<b>IBOMS 01</b>	Dr. AnujDadhich	National Level	
	<b>Membership</b>	<b>AOMSI 02</b>	Dr Seemit Shah, Dr. Anuj Dadhich, Dr Harish Saluja	National Level	
		<b>IDA</b>	Dr. AnujDadhich,Dr Harish Saluja,Dr Parul	National Level	
		<b>AOMSI State Chapter</b>	Dr Seemit Shah, Dr. Anuj Dadhich, Dr Harish Saluja	State Level	
		<b>ICPF</b>	DrAnujDadhich	Inter-National Level	



<b>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals (5 Years data)</b>			
	Total	Inter-National Level	National Level
EB	01	Dr. AnujDadhich (Journal of IJDSR) Dr Harish Saluja (Heighpubs Journal of Dentistry)	-
Peer Reviewer	04	01 Dr. AnujDadhich Journal of IJDSR	03 Dr. Uma Mahindra (Journal of Annals of maxillofacial surgery) , Dr. Harish Saluja(Journal of Annals of maxillofacial surgery) & Dr. ParulTandon (Journal of Annals of maxillofacial surgery)

**25. Faculty recharging strategies (UGC, ASC/ MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)**

Sr. No.	Type of the Programme	No. of FDPs participated		Total
		State / University Level	National Level	
1	Workshop/Seminar/ Symposium/ conferences	2	2	04
2	FDPs (guest lecture, training, CM, CPC, etc.)	4	1	05

**26. Students Projects:** The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)

Sr. No.	PG Projects other than dissertation			PG Dissertations		
	Ongoing	Completed	Total	Ongoing	Completed	Total
1.	02	05	07	05	17	22

1. Incidence of impacted mandibular 3<sup>rd</sup> molar with mandibular angle fractures-retrospective study.  
2. Prevalence of red & white lesions in oral cavity.

**Percentage of students who have done in house projects including inter departmental project:- 100%**

**Details of PG dissertations are given in the annexure**

**27. a) Research Awards/recognitions received at the university/national and international level (5 Years data)**

S. no	Name of Students	Award/Recognition	Place/Detail	Year.	Level
1.	Dr. Jnanesh Kannur	First Prize in Paper Presentation	3 <sup>rd</sup> Scientific Convention, Scientific Society of RDC & IDA, Loni .	02 <sup>nd</sup> - 04 <sup>th</sup> March 2011.	N
2.	Dr. Sejal Saradhara	First Prize in Poster Presentation	3 <sup>rd</sup> Scientific Convention, Scientific Society of RDC & IDA, Loni .	02 <sup>nd</sup> - 04 <sup>th</sup> March 2011.	N
3.	Dr. Jnanesh Kannur	3 <sup>rd</sup> Prize in Poster Presentation	3 <sup>rd</sup> Scientific Convention, Scientific Society of RDC & IDA, Loni .	02 <sup>nd</sup> - 04 <sup>th</sup> March 2011.	N



4.	Dr. Sejal Saradhara	3 <sup>rd</sup> Prize in Paper Presentation	3 <sup>rd</sup> Scientific Convention, Scientific Society of RDC & IDA, Loni .	02 <sup>nd</sup> - 04 <sup>th</sup> March 2011.	N
5.	Dr. Chinmay Gokhale	3 <sup>rd</sup> Prize in Poster Presentation	3 <sup>rd</sup> Scientific Convention, Scientific Society of RDC & IDA, Loni .	02 <sup>nd</sup> - 04 <sup>th</sup> March 2011.	N
6.	Dr. Pratima Pahilwan	1 <sup>st</sup> Prize in Paper presentation "Dry Socket"	Students Zonal Conference , IDA, Loni	2014	N

**b) General awards of faculty and students (other than Research, for teaching extension, social service):**

1.	Dr. Harish Saluja	Appreciation Certificate For best teacher	Dental Education, Indian Academy Of Aesthetic & Cosmetic Dentistry	2016	U
2.	Dr. Harish Saluja	Stood 1 <sup>st</sup> (Gold medal)	MDS Exam in Pravara University In 2010.	2010	U
3.	Dr. Amol Doiphode, & Dr. Ramesh Purohit,	stood 1 <sup>st</sup> (Gold medal)	MDS Exam in Pravara Institute of Medical Sciences	2011	U
4	Dr. Chinmay Gokhale	stood 1 <sup>st</sup> (Gold medal)	MDS Exam in Pravara Institute of Medical Sciences	2012	U

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*Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data)*

	Total	National	Univ	Funding Source	No. of participants	No. of Resource Persons
Seminar (S)	01		01	PIMS & IDA, Loni	100	
Symposia (S)						
CDE	04	04			150	Dr.D.S.Divekar
					150	Dr. Saurabh Bithur Dr. Deepak Thakur Dr. Nirav Gada Dr Sanjay Asnani Dr Deepak Kulkarni Dr BM Rudagi Dr Yusuf Chunawalla Dr Kanir Bhatia
Workshops(W)	01	01		OMFS Dept	100	
Paper presentation (Prize category) by postgraduates conducted by OMFS dept	01		01		12	-
<b>Total</b>	<b>06</b>	<b>05</b>	<b>02</b>			

**Details-**

CDE Programme on "Medical emergencies in dental practice"-Dept of OMFS RDC 2012  
 CDE Programme & hands on workshop on Pediatric Facial Trauma management-Dept of Pedo & OMFS 2013  
 Alumni meet & an overview of oral & maxillofacial surgical procedures- OMFS RDC 2014.  
 CDE in association with Indian Academy of aesthetic & cosmetic dentistry-Dept of OMFS RDC -2016  
 Seminar on live demonstration "TMJ Ankylosis"-Dept of OMFS RDC-2013  
 Workshop on 3T Bioethics training by UNESCO 2015 attended by OMFS staff.





**29. Code of ethics for research followed by the departments:-**  
Every research project has to be approved from Institutional Ethical board committee which is a part of Ethical Board of PIMS (DU). Our dept follows the code of ethics strictly.

**Student Profile programme-wise** : \_\_\_\_\_

**a) PG Programme Name of the Programme :**

Academic Year	No. of Application Received for PG CET	CET Pass %	No of Students Selected through CET		
			M	F	Total
2010-11	--	--	03	00	03
2011-12	126	82.04	02	01	03
2012-13	191	84.53	03	00	03
2013-14	90	87.35	01	02	03
2014-15	89	78.48	01	02	03
2015-16	86	82.14	01	01	02

**No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year**

Academic Year of Outgoing batch	No. of Students			% of Pass student with	
	Appeared	Pass	Pass %	I <sup>st</sup> Class	I <sup>st</sup> Class with Distinction
2010-11	03	03	100%	--	03
2011-12	03	03	100%	02	--
2012-13	03	03	100%	01	--
2013-14	03	03	100%	01	--
2014-15	03	03	100%	03	--
2015-16	02	02	100%	02	--

**b) UG Students Name of the subject and course**

Academic Year	No. of Application Received	CET Pass %	No of Students Selected for UG Course		
			M	F	Total
2010-11	2257	68.42	25	75	100
2011-12	3568	66.85	27	73	100
2012-13	2913	70.21	14	86	100
2013-14	2496	65.76	21	79	100
2014-15	2778	64.09	23	77	100

**Results of University examination for the subject taught by the Department (Eg. Anatomy, Physiology etc.)**

Name of the Subject	Academic Year (For Outgoing Batch)		Total Students Appeared	No of Students passed	Pass % of Dept. Subject	% of I <sup>st</sup> Class	% of I <sup>st</sup> Class with Distinction
	2011	2012					
Oral & Maxillofacial Surgery	2011	2012	99	95	95.6	63	--
	2012	2013	157	122	80.05	28	--



Surgery								
Oral & Maxillofacial Surgery	2013	2014	178	145	85.37	23	--	
Oral & Maxillofacial Surgery	2014	2015	96	82	81.40	37	--	
Oral & Maxillofacial Surgery	2015	2016	91	80	87.91	30	--	
<b>Note- Give Results only for Regular Batch.</b>								

<b>31. Diversity of Students : a) PG Programme</b>						
Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state		
MDS, Oral & Maxillofacial Surgery	2010-11	--	02	01		
MDS, Oral & Maxillofacial Surgery	2011-12	--	03	--		
MDS, Oral & Maxillofacial Surgery	2012-13	02	00	--		
MDS, Oral & Maxillofacial Surgery	2013-14	01	02	--		
MDS, Oral & Maxillofacial Surgery	2014-15	01	02	--		
MDS, Oral & Maxillofacial Surgery	2015-16	01	01	--		
<b>b) UG Programme</b>						
Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries	
BDS	2010-11	100	97	03	00	
BDS	2011-12	100	98	02	00	
BDS	2012-13	100	100	00	00	
BDS	2013-14	100	97	03	00	
BDS	2014-15	100	100	00	00	
BDS	2015-16	100	100	00	00	
<b>32. How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.) - Nil</b>						



33.	<b>Student progression:: Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)</b>							
	Student Progression			% against enrolled				
	I	UG – PG Studies		25 %				
		PG - SS		00				
		PG – Ph. D.		05				
		UG to employment		Campus selection – off Campus selection 60				
		PG to employment		Campus selection – off Campus selection 40				
	UG / PG to Entrepreneur		30					
34.	<b>Diversity of Staff as on this day</b>							
	<b>Number and % Diversity of Staff ( as on this day ) belonging to Same State/UT o. 3 &amp; 60 %</b>			<b>% Staff who have obtained PG Degree from</b>				
<b>Outside State/UT No. 2 &amp; 50%</b>			Parent University		<b>No. 2 &amp; 40 %</b>			
			Other State University		<b>No. 3 &amp; 60 %</b>			
35.	<b>Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) :- NIL</b>							
36.	<b>Present details of departmental infrastructural facilities with regard to : --</b>							
	<b>A) Infrastructural facility (Common to all departments)</b>							
	<b>a) Library (dept): No. of Collections Book/Journal/ Project Report</b>							
	<b>Central Library books and Journal belonging to our department (both print and e mode):</b>							
	Departmental Library Textbook Books:-120; Journals:-02 national/month; Central library;Textbook Books-79; Journals-13							
	<b>b) Internet facilities for staff and students:</b> Yes, institute WiFi available for staff & students							
	<b>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive &amp; Inclusive):</b> Class Rooms:- -05(RDC) Demo Rooms- :-01; Seminar Halls :- 01; Auditorium-02- Others---4to5 big halls are used with prior permission from PIMS university							
	<b>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive):</b> LCD Projector, OHP, Charts, Models, Educational CDs, Desktop Computer with Printer, White Plastic Screen with metallic Stand. ICT facility with video conferencing and skype facility is made available in 4 to 5 halls & are shared with prior permission.							
	<b>e) Students laboratories at the Department:</b> Museum / Implant Lab.							
	<b>f) Museum at the Department and no. of specimen, charts, Modules etc.:</b> Yes, 20 charts, 10 specimen, 15 Modules, Instruments, Equipments& Emergency drugs.							
	<b>g) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above):</b> 1. Hitech Micromotor Drill systém, 2.Implants (surgical kit, physiodispenser), 3. Humpey` s Knife, 4.Surgical saws (oscillating & reciprocating saws), 5. Surgical Handpiece, 7.Radio Visio Graph (RVG), 8. Pulse oxymeter, 9.Electrocautry(Monopolar), 10. Tourniquet, 11.Eye loupes with light, 12. Surgical Operating Microscope.							
	<b>B) Clinical learning resource data (as submitted to MCI /DCI /INC / Others / UGC)</b>							
	<b>(a) Beds</b>	<b>(b) Dental chairs</b>	<b>(c) Units</b>	<b>(d) Special Clinics</b>		<b>(e) ICUs</b>	<b>(f) Wards</b>	<b>(g) OTs</b>
	30	55	01	Fully equipped implant clinic for OMFS,Perio & Prosthodontics dept		01	Male , Female & SPR	01
<b>(g) OPD Patients / day ( Average )</b>		<b>(h) IPD Patients / Week ( Average )</b>		<b>(i) Operation / Week</b>		<b>(j) Diagnostic Tests/ Week</b>		
				<b>Major</b>	<b>Minor</b>	<b>OPD</b>	<b>IPD</b>	
70-80		5-6		4-5	20-25	30-35	4-5 (All patients.)	
<b>(k) Patient's Feedback</b>				<b>(l) GHP/ GLP/ SOPs</b>				



	IPD/OPD Patients feedback taken regularly after discharge.	We follow SOPs for 4 to 5 procedures in our dept.		
<b>C) Para clinical learning resource (CCL Radiology &amp; Departmental Diagnostic Lab) Data &amp; Report : Details on Sophisticated diagnostic equipments and facilities , No. of diagnostic tests (Average per day and annual):-</b>				
<b>D)Sharing and usage of the resources of other Departments (For Diagnosis and Research as well:-</b>				
<b>37. No. of doctoral post- doctoral students and Research Associates / PDF working:- Nil</b>				
	From	Doctoral Student	Total	
	Host Institution	02 students persuing Phd Course	02	
	Other Institution	--	--	
<b>38. (a) Number of students getting financial assistance from the university : -All interns &amp; PGs get regular stipend from PIMS university according to DCI norms.</b>				
<b>39. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :Yes, need assessment exercise before introducing MDS in OMFS as well as dept of Implantology. Superspeciality in OMFS was much required in rural area because of large no of sample size available in oral oncology &amp; oral pathology.</b>				
<b>40. Does the department obtain feedback from</b>				
Sr. No.	From	Yes/No	Feedback Manual / Digital	How the feedback analysis is used for improvement
1	Student	Yes	Manual	It help to know the shortcomings in teachings.
2	Faculty	Yes	Manual	It help to know the shortcomings in work pattern of employer.
<b>41. List the distinguished alumni of the dep. (Maximum 10) ( UG student or PG Student belonging to the subject)</b>				
Sr. No	Name & Designation	Details at the PIMS University & Year	Place of work of alumni	Present working status
1.	Dr. Rajanikant	P.G. Students for Year May 02-05	Nagpur	Professor in SPDC Wardha
2.	Dr. Vikas Meshram	P.G. Students for Year May 02-05	Nagpur	Prof in GDC Nagpur
3.	Dr. Kiran Khande	P.G. Students for Year May 03-06	Shirdi	Consultant OMFS surgeon in ShirdiSuperspeciality hospital.
4.	Dr. Pravin Mukhi	P.G. Students for Year May 03-06	Nashik	Reader SMBT Dental college Sangamner
5.	Dr. Pushkar Gawande	P.G. Students for Year May 04-07	Pune	Reader in Singhad Dental College.
6.	Dr. Sourabh Bither	P.G. Students for Year May 04-07	Ludhiana	Private Practitioner
7	Dr. Nirav Gada	P.G. Students for Year May 05-08	Mumbai	Private Practitioner
8	Dr. Deepak Thakur	P.G. Students for Year May 05-08	Raipur	Consultant OMFS surgeon
9	Dr. YogirajVirkar	P.G. Students for Year May 06-09	Ahmednagar	Reader in Ahmednagar Dental college
10	Dr. Bharat Sumbh	P.G. Students for Year May 06-09	Nagpur	Consultant OMFS Surgeon
11	Dr. Sanjay Asanani	P.G. Students for Year May 07-10	Ahmednagar	Consultant OMFS Surgeon
12	Dr. Harish Saluja	P.G. Students for Year May 07-10	Loni	Reader in RDC



13	Dr. Ajit Joshi	P.G. Students for Year May 07-10	chattisgarh	Private Practitioner
14	Dr. Amol Dohipode	P.G. Students for Year May 08-11	Latur	Private Practitioner
15	Dr. Ramesh Purohit	P.G. Students for Year May 08-11	Mumbai	Private Practitioner
16	Dr. Jmanesh Kannur	P.G. Students for Year May 08-11	Saudi Arabia	Private Practitioner
17	Dr. Aniket Dhamorikar	P.G. Students for Year May 09-12	Mumbai	Private Practitioner
18	Dr. Chinmay Gokhale	P.G. Students for Year May 09-12	Pune	Private Practitioner
19	Dr. Vipin Dehane	P.G. Students for Year May 09-12	Nagpur	Private Practitioner
20	Dr. Sejal Saradara	P.G. Students for Year May 10-13	Mumbai	Private Practitioner
21	Dr. Chirag Desai	P.G. Students for Year May 10-13	Mumbai	Private Practitioner
22	Dr. Sushil Yemle	P.G. Students for Year May 10-13	Nanded	Private Practitioner
23	Dr. Abhishek Mulay	P.G. Students for Year May 11-14	Loni	Senior Lecturer RDC
24	Dr. Rahul Chaudhary	P.G. Students for Year May 11-14	Jalgaon	Private Practitioner
25	Dr. Pravin Walunjkar	P.G. Students for Year May 11-14	Pune	Private Practitioner
26	Dr. Amit Singh	P.G. Students for Year May 12-15	Gorakpur	Private Practitioner
27	Dr. Deepak Singh	P.G. Students for Year May 12-15	Mumbai	Private Practitioner
28	Dr. Roohi Syed	P.G. Students for Year May 13-16	Ahmednagar	Private Practitioner
29	Dr. Pratima Pahilwan	P.G. Students for Year May 13-16	Shrirampur	Private Practitioner
30	Dr. Jayesh Heda	P.G. Students for Year May 13-16	Akola	Private Practitioner

42.	<p><b><i>Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</i></b></p> <p>The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under :-</p> <ul style="list-style-type: none"> <li>-Department regularly conducts orientation programme, skill development programmes for students.</li> <li>-Basic life support training for interns.</li> <li>-IV/IM injection training for interns.</li> <li>-Dept follows mentorship system for students .</li> <li>-Wall magazine is practiced regularly in the dept.</li> </ul>
43.	<p><b><i>a) List the teaching methods adopted by the faculty for different programmes:-</i></b></p> <ul style="list-style-type: none"> <li>-For UG students, regular traditional methods along with ICT enabled teaching are conducted regularly.</li> <li>-Suture techniques demonstration and training on Pillows, Goat tongue.</li> <li>-Wiring techniques on plaster models.</li> </ul>





	-Evidence based learning for PGs, case to case treatment plan discussions. -CPR demonstration on manequennes in association with Anaesthesia dept.										
44.	<b>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? :-</b> By Feedback forms & internal assessment methods.										
45.	<b>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive)</b> <b>Our faculty is involved extension in health awareness programs organized by the college / University through lectures, rally, camps/ training. as HR / Contributions :-</b>										
	<table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Programme</th> <th>Venue</th> <th>Topic</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>World tobacco week celebration.</td> <td>Dept. of OMFS, RDC, Loni</td> <td>Say no to Tobacco</td> <td>31<sup>st</sup> May 2014</td> </tr> </tbody> </table>	Sr. No.	Programme	Venue	Topic	Date	1	World tobacco week celebration.	Dept. of OMFS, RDC, Loni	Say no to Tobacco	31 <sup>st</sup> May 2014
Sr. No.	Programme	Venue	Topic	Date							
1	World tobacco week celebration.	Dept. of OMFS, RDC, Loni	Say no to Tobacco	31 <sup>st</sup> May 2014							
46.	<b>Give details of “beyond syllabus scholarly activities” of the department :</b> -Suture techniques demonstration and training on Pillows, Goat tongue. -Wiring techniques on plaster models. -Guiding students for state/national level presentations/table clinics for topics related to our dept. -Promoting students to participate in cultural events										
47.	<p><b>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied based on published research articles, paper, projects, books, Patents etc.:-</b></p> <ul style="list-style-type: none"> <li>Recent research articles are Published in students Journals.</li> <li>Students &amp; Staff are up to date in Treatment planning for Patients &amp; provide recent treatments to the patients like use o PRP, PR, nasolabial for OSMF Patients, Implants, Lasers etc.</li> <li>Regular CD Programmes on recent and updated topics.</li> <li>Practice of Wall magazines.</li> </ul> <p><b>b) Salient and unique feature of Department.:-</b></p> <ul style="list-style-type: none"> <li>Oral and Maxillofacial Surgery Practice available to rural Public.</li> <li>Painless Anaesthesia</li> <li>CPR Training for Dental Students</li> <li>Intra Venous and Intra muscular injections training</li> <li>“A” grade Rajiv GaandhiYojna Available for patients.</li> <li>State of the art Operation theatres.</li> <li>General and special warsds available for in- patients.</li> <li>OMFS staff and Residents available 24 hours on call duty.</li> </ul> <p><b>c) Innovation of the Department.:-</b></p> <ul style="list-style-type: none"> <li>Centrifuge for fabrication of PRF and PRP</li> <li>Surgical Microscope for microvascular surgeries.</li> <li>Eye Loupes for esthetic surgeries.</li> <li>Availability of RVG in the department.</li> <li>Implantology surgical Kits, Physiodispenser and implantology section.</li> </ul> <p><b>d) Best practice of the Department.:-</b></p> <ul style="list-style-type: none"> <li>All exodontia and minor surgical practices carried out in the department.</li> <li>Treatment of oral malignancies.</li> <li>Treatment of all Pan facial trauma.</li> <li>Treatment of craniofacial defects like cleft lip and palate.</li> <li>Emergency operatives carried out for life threatening conditions</li> <li>BLS/ATLS training for post graduates</li> <li>All these procedures are free of cost to help rural people.</li> <li>For Onco patients all the 3 treatment modalities ie. surgery, chemotherapy &amp; radiotherapy are available under 1 roof of PIMS.</li> </ul>										



<b>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department : (Important or major ones) in bullet form. :- SWOC</b>	
<b>Strength</b>	<ul style="list-style-type: none"> <li>• Patient Number: Ample clinical material.</li> <li>• Hi trechequipments and instruments.</li> <li>• State of the art infrastructure</li> <li>• Faculty with excellent teaching and surgical skills.</li> <li>• Certified training in Implantology.</li> </ul>
<b>Weaknesses</b>	<ul style="list-style-type: none"> <li>• Public health motivation required for Oncology patients.</li> <li>• Lack of collaboration with foreign universities.</li> </ul>
<b>Opportunities</b>	<ul style="list-style-type: none"> <li>• To create a hub for rural and urban patients with various dental and medical camps.</li> <li>• To create awarness of oral cancer.</li> <li>• Large number of sample sixe in oncology section.</li> <li>• Future centre for research in head and neck oncology.</li> </ul>
<b>Challenges</b>	<ul style="list-style-type: none"> <li>• Public health motivation required for oncology patients which report at very late stage due to less awareness and which affects surgical outcomes.</li> </ul>
<b>49.</b>	<p><b>Future Plan :-</b></p> <ul style="list-style-type: none"> <li>• To expand Department services to Rural people by introducing different new Surgeries including Craniofacial.</li> <li>• Skull base Esthetic Surgeries.</li> <li>• To carry out free micro vascular flap surgeries.</li> <li>• To Development of Laser clinic &amp; cryosurgery Clinic.</li> <li>• To start fellowship/ short term courses in head and neck oncology.</li> <li>• To Start smile train project for cleft lip and palate patients.</li> <li>• To establish MOU with foreign university.</li> </ul>

---Sd/---  
**Name & Signature**  
**(Head of the Dept.)**

---Sd/---  
**Name & Signature**  
**Principal of the College**



## Department of Conservative Dentistry & Endodontics





**Pravara Institute of Medical Sciences (Deemed University)**

**Institution: Rural Dental College, Loni**

**Departmental Evaluative Report**

**Based on the date of 5 years :2010-11 to 2015-16**

1.	<b>Name of the Department</b>		:	<b>Conservative Dentistry &amp; Endodontics, RDC</b>									
2.	<b>Year of establishment</b>		:	1989									
3.	<b>Is the Department part of a School/Faculty of the university?</b>		:	Yes, Part of PIMS (DU)									
4.	<b>a) Names of programmes offered</b>		:	<b>As on this day</b>									
	Prog.	Year of Establishment		Intake per year	Fresh enrollment for academic year			Current Total Student Strength of the Dept. (of all year I,II,III etc)					
	UG	1989		100	100			422					
	PG	2002-03		02 03	02 03			09					
	<b>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</b>												
		Name of Subject / course		Total Hours of Teaching – Learning			No. Of Papers & Practical to be Taught			Marks for University exam			
				The	Pra	Total	Paper	Pra	Paper	Pra	Viva	Disser	Total
	UG	II yr. BDS		55	300	355	--	300	--	80	20	--	100
		IIIyr BDS		30	70	100	--	70	--	--	--	--	--
		IV Yr. BDS		80	390	470	--	390	90	100	10	--	200
	PG	3 YEARS		660	1500	3240	4	3	300	200	100	Grade	600
	<b>c) Latest revision of curriculum/ syllabus in 2011</b>												
	<b>d) Contribution of faculty to curriculum design and Development (CDD) as</b>												
	6. Member / chairman BOS/ Faculty/ BOE at parent university and other universities. Members of BOS of PIMS DU.												
	a. Board of Studies— Dr. Rashmi Kumar Vora, Dr. Sai Kalyan Dr. Baswaraj Birader, Dr. Shaikh Shoeb Yakub												
	b. Board of Examinations— Dr Rashmi Kumar Vora												
	c. Research Committee— Dr Sai Kalyan												
	d. IQAC— Dr. Sai Kalyan												
	e. Anti Ragging Committee—Dr. Baswaraj Biradar												
	cvi) Organization of CDD workshops at the Dept. / University MET workshop conducted by PIMS and attended by all the faculty members of dept. Research Methodology workshop conducted by faculty of PIMS.												
	iii) Participation in curriculum design and development workshops at university/Department												
5.	<b>Interdisciplinary programmes offered by the Department and department involved</b>												
	Name of Programs offered by our department						Involved Departments						
							Within the institute						
	Implant workshop						Department of Prosthodontics						
	Full mouth rehabilitation						Department of Prosthodontics.						
6.	<b>Courses in collaboration with other universities, industries, foreign institution etc:</b> Tuffs University, Boston BDS University of Bari, Italy												
7.	<b>Details of programs discontinued, if any with reasons:</b> None												
8.	<b>Examination System:</b> <u>Annual</u>												
9.	<b>Participation of the department in the courses offered by other departments:</b> Nil												
10.	<b>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst.</b>												





<i>Professors / Others) as on this day</i>							
<i>(a) Teachers</i>							
<i>S.N.</i>	<i>Required as per MCI/DCI / INC/ UGC / Other Statutory bodies</i>			<i>Actual Faculty Strength (Recruited or filled)</i>			
				<i>Male</i>	<i>Female</i>	<i>Total</i>	
<i>i</i>	Professor	01	02	-	02		
<i>ii</i>	Associate Professor Reader	02	02	01	03		
<i>iii</i>	Assistant Professor Lecturer	01	02	01	03		
<b><i>Sub Total( I to iii)</i></b>			<b>06</b>	<b>02</b>	<b>08</b>		
<i>iv</i>	Demonstrator						
<i>v</i>	Tutor	06	-	01	01		
<i>vi</i>	Senior Resident		01	02	03		
<i>vii</i>	Junior Resident		02	04	06		
<b><i>Sub Total( iv to vii)</i></b>			<b>03</b>	<b>07</b>	<b>10</b>		
<b><i>Grant Total ( i to vii)</i></b>			<b>09</b>	<b>09</b>	<b>18</b>		
<i>(b)</i>							
<i>Qualification Profile of Teachers</i>			<i>M</i>	<i>F</i>	<i>Total</i>		
<i>With P.G. Degree Only</i>			4	2	6		
<i>With higher qualification than PG (Ph.D/D.Sc.)</i>			-	-	-		
<i>Other Higher Qualification (MRCP/PRCP/DM.M.Ch. etc.)</i>			-	-	-		
<i>Teachers Pursuing Higher Degrees</i>			-	-	-		
<b>11</b>	<b><i>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</i></b>						
<b><i>a) Faculty (as UG/PG teachers) (Internal):</i></b>							
<i>Sr.No</i>	<i>Name of Teaching Staff</i>	<i>Qualification</i>	<i>Designation</i>	<i>Area of Specialization</i>	<i>Teaching Experience in Years</i>	<i>No. of PG Students</i>	
						<i>Guiding</i>	<i>Guided</i>
1	Dr. Vora R. B.	MDS	HOD	Cons & Endo	23 yrs.	06	04
2	Dr. Shaikh S. Y.	MDS	Professor	Cons & Endo	19 yrs.	00	16
3	Dr. Biradar B	MDS	A. Prof. Reader	Cons & Endo	7 yrs.	03	01
4	Dr. Anshu Chandurkar	MDS	A. Prof. Reader	Cons & Endo	5 yrs.	00	00
5	Dr. Sai Kalyan	MDS	A. Prof. Reader	Cons & Endo	5yrs.	00	00
6	Dr.Renukadevi G.K.	MDS	A. Prof. Lecture	Cons & Endo	1 yr.	00	00
7	Dr. Archana Kahar	BDS	Tutor	General Dentistry	10 yrs.	00	00
8	Dr. Varsha Dokhikar	BDS	Tutor	General Dentistry	3mths	00	00
<b><i>(b) Faculty of the Department as Ph.D. Guides (Internal) (as on this day)</i></b>							
<i>Sr. No</i>	<i>Name of the Ph.D. Guide</i>	<i>Internal</i>	<i>No. of Ph.D. Students of University</i>				
			<i>Guiding</i>	<i>Guided &amp; Awarded</i>			
1.	Dr. Rashmikumar B. Vora	Internal	3	-			
<b>12</b>	<b><i>List of senior Visiting Fellows, adjunct faculty, emeritus professors:</i></b>						
1. Prof.Franceco Inchingolo, M.D ,PhD,University of Bari, Italy							
2. Prof.Ioannis Georgakopoulos, DDS ,PhD,BPP university , UK							
3. Dr.Halim Ahmed Ayoub,DDS,BPP university, London							
4. Dr. Ezio Gheno,DDS, BPP University City of London Dental School							





	<p>5. Prof Dr.Mônica Diuana Calasans Maia,DDS,MS,PhD, Fluminense Federal University, Dentistry School</p> <p>6. Prof.Dr. Carlos Fernando de Almeida Barros Mourão, DDS,MS,PhD, Fluminense Federal University, Dentistry School</p>							
<b>13</b>	<b>Percentage of classes taken by temporary faculty programme wise information:</b> Nil							
<b>14</b>	<b>Programme wise Teacher Student Ratio</b>			:	<b>Teacher Student Ratio</b>			
	<b>Programme</b>							
	<b>UG</b>				1:16.66			
	<b>PG</b>				1:4.5			
	<b>Ph.D.</b>				1:2			
<b>15</b>	<b>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</b>							
	Sr. No.	Staff	Name of the Post	Required as per statutory Bodies	Filled / Actual			
					M	F	Total	
	1	Administrative	Clerk	01	0	0	0	
	2	Technical	Dental Mechanic	01	0	1	1	
	3	Support	Nursing Aid	02	0	2	2	
	Total		04	-	-	3		
<b>16</b>	<b>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</b> <i>i) Nanotechnology</i> <i>ii) Regenerative Endodontics</i> <i>iii) Bioactive materials</i>							
<b>17</b>	<b>Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise : (For the last 5 Years)</b>							
	<b>The details of projects are as follows:</b> <b>a) Ongoing Projects of Faculty (as on this day)</b> : 07 Projects are ongoing; Grant Received Rs. 4,87,500/- All funded by PIMS-DU.							
	Sr. No.	PI, Co-PI and Project Title					Duration (Yr.)	
	1.	Dr Shaikh Shoeb Yakub; Project Title: Technique for mechanical retention of post and core on the face of the root of the tooth: <i>in-vivo</i> study					2 years	
	2.	Dr Reshmikumar Vora; Project Title: Effect of fluoride on the remineralising capacity of Novamin and CPP using Diagnodent – an <i>in-vitro</i> study					2 years	
	3.	Dr Baswaraj Biradar; Project Title: Evaluation of influence of instrument size on accuracy of three different apex locators in presence of different irrigation solutions in vital and nonvital tooth- <i>in-vivo</i> study					2 years	
	4.	Dr Sai Kalyan; Project Title: Impact of intracanal nanoparticles and photoactivated disinfection on endodontic biofilm bacteria					2 years	
	5.	Dr Sai Kalyan; Project Title:Platelet derived growth factors as signaling scaffolds in regeneration of human permanent molars with irreversible pulpitis					2 years	
	6.	Dr Sai Kalyan; Project Title:Low level lasers on pulpotomy of permanent molars with irreversible pulpitis					2 years	
	7.	Dr Mukund Singh; Project Title:Efficacy of various combinations of irrigants and medicaments on Candida albicans: an <i>in-vitro</i> study					2 years	
<b>Note :- Do not include inter institutional collaborative research project / clinical trials at sl.No. 17. They must be included at SL.No. 18 only</b>								
<b>Inter- institutional llaborative projects of faculty &amp; associated grants received (including clinical trials) excluding those included a Sr. No.16) (For the last 5 Years) (as on this day):</b> Nil								



<b>19</b>	<b>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)</b>					
		<b>Research Projects under taken by</b>	<b>Data as given under sl. No. of DER</b>	<b>Total Projects</b>	<b>On going</b>	<b>Total Rs Lakhs</b>
	(a)	The faculty ( at the Dept. ) Funded by Self or Department or University	3	3	3	4.88
		<b>Total</b>	3	3	3	4.88
<b>20.</b>	<b>(a) Research Facility / Center and recognition by state / National / International agencies.(as on this day)</b>				Nil	
	<b>In the department (Details of facilities in brief)</b>				NANO TECHNOLOGY RESEARCH LABORATORY	
	<b>In other department (Details of facilities by the department used by us.</b>				Central Research Laboratory	
	<b>In other college ( Details of facilities used by us)</b>				Rural Engineering college,Loni Material testing and characterization laboratory of PREC	
	<b>At central level ( Details of facilities used by us)</b>				---	
<b>21.</b>	<b>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization of any.</b>				---	
<b>22.</b>	<b>Publication data of last 5 years</b>				<b>National</b>	<b>20</b>
	<b>Publications in peer reviews journals and conference proceeding (ISSN)</b>				<b>International</b>	<b>10</b>
					<b>Other</b>	<b>03</b>
					<b>Total</b>	<b>33</b>
	<b>Publication in Non-Peer reviewed Journals / conference proceeding )</b>				<b>National -31</b>	
	<b>No. of Monographs (ISBN/NON ISBN)</b>				:	Nil
	<b>No. of Books Published (ISBN/NON ISBN)</b>				:	1
	<b>No. of Edited Books (ISBN/NON ISBN)</b>				:	Nil
	<b>No. of chapters in Books with details of publishers (ISBN/NON ISBN)</b>				:	1,Grossman's textbook of endodontics
	<b>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.)</b>					
	<b>26 publications</b>					
	<b>Research publication included and listed in international database of total publication.</b>					
	<b>No. of Citation Index – range / average</b>				:	<b>Details given in Criteria III and Emerge Data</b>
	<b>SNIP</b>				:	
	<b>SJR</b>				:	
	<b>Impact Factor- range/average</b>				:	
	<b>h-index</b>				:	
					:	
<b>23.</b>	<b>Details of patents filed / granted and income generated (5 Years data):NIL</b>					
<b>24.</b>	<b>Areas of consultancy and income generated(5 Years data)</b>				:	Revenue in the Department is Generated mainly through the registration fees of delegates for CDE's and workshops
<b>25</b>	<b>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data)</b>					
	<b>Total</b>			<b>Inter-national</b>		
	<b>2</b>			<b>2</b>		
	Sr. No.	Name of the Faculty	Visiting Institution / Laboratory / Industry,	Year of Visit	Purpose of Visit	



			Name of place and Nation				
	1.	Dr.Sai Kalyan	Dental education institute, Greece	2016	Lecture/ Training		
	2.	Dr.Sai Kalyan	OT implant center. Italy	2016	Lecture/ Training		
26.	<b>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data) : 03 Faculty Member in PIMS-DU Committees.</b>						
	<b>(a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data)</b>						
		Total No. of Faculty		Inter-National level	National level		
	Fellowship	1		1	-		
	Membership	5		2	3		
	<b>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data)</b>						
		Total		Inter-National Level	National Level		
	Peer Reviewer	3		2	1		
27.	<b>Faculty recharging strategies (UGC, ASC/ MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)</b>						
	Sr. No.	Type of the Programme	No. of FDPs participated			Total	
			State / University Level	National Level	International Level		
	1	Orientation/Refresher/MET/ CME	01	00	00	01	
	2	Workshop/Seminar/ Symposium/ conferences	170	00	4	174	
	3	FDPs (guest lecture, training, CM, CPC, etc.)	6	64	4	76	
28.	<b>Students Projects: The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)</b>						
	Sr. No.	PG Projects			PG Dissertations		
		Ongoing	Completed	Total	Ongoing	Completed	Total
		04	40	40	06	18	24
	<b>Percentage of students who have done in house projects including inter departmental project</b>						100%
	<b>Percentage of students doing projects in collaboration with other universities/industry/institute</b>						NIL
	<b>Details of PG dissertations are given in the annexure</b>						Annexure 1
29.	<b>a) Research Awards/recognitions received at the national and international level (5 Years data)</b>						
	Sr. No.	Received by	No. of Awards				
			International	National	State/ University	Total	
	3	Student PG / Ph.D	02	11	02	15	
		Total	02	11	02	15	
	<b>b) General awards of faculty and students (other than Research, for teaching extension, social service):- NIL</b>						
30.	<b>a) Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5</b>						



<i>Years data)</i>							
	Total	State	Univ / College Level	Funding Source	No. of participants	No. of Resource Persons	
Symposia (S)	15	00	15	Self /IDA	800	15	
Conference (C)	3	1	2	IDA	2000	8	
Total	18	01	17	--	2800	23	
<b>31.</b>	<i>Code of ethics for research followed by the departments</i>			:	As per IEC, PIMS ICMR Guidelines 2006		
<b>32.</b>	<i>Student Profile programme-wise</i>		:				
Programme Name of the Programme :							
Academic Year	No. of Application Received for PG CET	CET Pass %	No of Students Selected through CET				
			M	F	T		
2011-12	126	82.04	14	08	22		
2012-13	191	84.53	14	08	22		
2013-14	90	87.35	12	06	18		
2014-15	89	78.48	07	12	19		
2015-16	86	82.14	05	12	17		
No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year							
Academic Year of Outgoing batch	No. of Students			% of Pass student with			
	Appeared	Pass	Pass %	I <sup>st</sup> Class	I <sup>st</sup> Class with Distinction		
2010-11	03	03	100%	01	--		
2011-12	03	03	100%	--	01		
2012-13	03	03	100%	03	--		
2013-14	03	03	100%	02	--		
2014-15	03	03	100%	03	--		
2015-16	03	03	100%	03	--		
<b>b) UG Students Name of the subject and course</b>							
Academic Year	No. of Application Received	CET Pass %	No of Students Selected for UG Course				
			M	F	T		
2010-11	2257	68.42	22	75	97		
2011-12	3568	66.85	27	73	100		
2012-13	2913	70.21	14	86	100		
2013-14	2496	65.76	21	79	100		
2014-15	2778	64.09	23	77	100		
<b>Results of University examination for the subject taught by the Department (Eg. Anatomy, Physiology etc.)</b>							
Name of the Subject	Academic Year (For Outgoing Batch)	Total Students Appeared	No of Students passed	Pass % of Dept. Subject			
Pre Clinical Cons	June 2011	95	87	91.57			
-----	Dec. 2011	31	26	83.87			
Conservative Dentistry	June 2011	08	08	100			
	Dec. 2011	20	20	100			
	March 2012	70	70	100			
Pre Clinical Cons	June 2012	88	85	96.59			



-----,-----	Dec. 2012	30	29	96.66
Conservative Dentistry	June 2012	77	72	93.50
	Dec. 2012	39	30	76.92
Pre Clinincal Cons	June 2013	105	104	99.04
-----,-----	Dec. 2013	35	35	100
Conservative Dentistry	June 2013	95	84	88.42
	Dec. 2013	34	32	94.11
Pre Clinincal Cons	June 2014	100	96	96
-----,-----	Dec. 2014	24	24	100
Conservative Dentistry	June 2014	65	60	92.30
	Dec. 2014	27	27	100
Pre Clinincal Cons	June 2015	95	78	82.10
-----,-----	Dec. 2015			
Conservative Dentistry	June 2015	88	81	92.04
<b>Note- Give Results only for Regular Batch.</b>				

<b>33.</b>	<b>Diversity of Students : a) PG Programme</b>				
Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries
MDS	2010-11	0	3/100%	-	-
MDS	2011-12	0	2/66.67%	1/33.33	-
MDS	2012-13	0	3/100	-	-
MDS	2013-14	2/66.67%	1/33.33%	-	-
MDS	2014-15	1/33.33%	2/66.67%	-	-
MDS	2015-16	2/66.67%	1/33.33%	-	-

**34** *How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.)*  
**NIL**

<b>35.</b>	<b>Student progression:</b>	<b>:</b>	<b>Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)</b>		
	Student Progression		% against enrolled		
	I	UG – PG Studies	5 out of 18 / 28%		
		PG – Ph. D.	1 out of 18/ 6%		
		PG to employment	100%		
		UG / PG to Entrepreneur	NIL		

<b>36.</b>	<b>Diversity of Staff as on this day</b>				
<b>Number and % Diversity of Staff ( as on this day ) belonging to</b>		<b>% Staff who have obtained PG Degree from</b>			
<b>Same State/UT</b>	<b>No.4/5</b>	<b>80%</b>	Parent University	<b>No.3/5</b>	<b>60%</b>
<b>Outside State/UT</b>	<b>No.1/5</b>	<b>20%</b>	Other Universities of the State	<b>No.1/5</b>	<b>20%</b>
<b>Other States</b>	-		Other State University	<b>No.1/5</b>	<b>20%</b>
<b>Other Countries</b>	-		Other Countries	-	

**37** *Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) :-NIL*

<b>38.</b>	<b>Present details of departmental infrastructural facilities with regard to :</b>				
<b>A) Infrastructural facility (Common to all departments)</b>					
<b>a) Library (dept):</b>	<b>No. of Collections</b>	<b>Book/Journal/</b>	<b>:</b>	<b>Books-58</b>	





<b>Project Report</b>		Journals-10	
<b>Central Library books and Journal belonging to our department (both print and e mode)</b>		CENTRAL LIBRARY:-55 Titles in multiple copies amounting to 210	
<b>b) Internet facilities for staff and students</b>		: Available	
<b>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive &amp; Inclusive)</b>		: Demo Rooms- 1 Seminar Halls- 1  Others-Preclinical Laboratory for undergraduate and post graduate students	
<b>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive)</b>		: All teaching facilities are enabled with ICT	
<b>e) Students laboratories at the Department</b>		: 3	
<b>f) Research Laboratories of the Dept.</b>		: 1	
<b>g) Museum at the Department and no. of specimen, charts, Modules etc.</b>		: Specimes:-30 Charts:-8	
<b>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)</b>		: Dental operating microscope RVG Dental casting machines Peizo surgical units Microsurgical kits	
<b>B) Clinical learning resource data (as submitted to MCI / DCI / INC / Others / UGC)</b>			
<b>(a)Dental chair</b>		<b>(b) Units</b>	<b>(c) Special Clinics</b>
56		1	2
<b>(g) OPD Patients / day Average ): 50-75</b>			
<b>(k) Patient's Feedback</b>		<b>(l) GHP / GLP / SOPs</b>	<b>(m) Submission of Compliance /Follow-up Reports to National /State Agencies</b>
Written		Yes	Yes
<b>C) Para clinical learning resource (CCL Radiology &amp; Departmental Diagnostic Lab) Data &amp; Report : Details on Sophisticated diagnostic equipments and facilities , No. of diagnostic tests (Average per day and annual):- Oral pathology,Oral medicine and radiology,CCL</b>			
<b>D) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well</b>		: <b>Oral pathology,Oral medicine and radiology,CCL, Central research laboratory</b>	
<b>39. No. of doctoral post- doctoral students and Research Associates / PDF working</b>		: 3	
From	Doctoral Student	Total	
Host Institution	1	1	
Other Institution	2	2	
Number of Research Pdf/RA receiving fellowship from central agency / University 01 No. of Ph.D. Awarded by the Dept during last 5 years: NIL			
<b>40 (a) Number of students getting financial assistance from the university:-00</b>			
<b>PG and Ph.D. Students getting assistance from the University-10</b>			
<b>41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :-Yes while introducing PG programme and enhancing its intake.</b>			
<b>42. Does the department obtain feedback from</b>			
Sr.	From	Yes/ No	Feedback Manual / Digital
No		No	
.			How the feedback analysis is used for improvement
1	Student	Yes	Both
			Statistical evaluation



	2	Faculty	Yes	Both	Statistical evaluation								
	3	Alumni / Parents/ Employer	Yes	Both	Statistical evaluation								
43.	<b>List the distinguished alumni of the department (Maximum 10) ( UG student or PG Student belonging to the subject)</b>				Name and designation with address								
	Sr. No.	Name & Designation	Details at the PIMS University & Year		Place of work of alumni								
	1	Ashwin Surve	2012		Consultant MOH ,Kuwait								
	2	Imran Khatib	2011		Consultant MOH ,Qatar								
	3	Nikhil Bobade	2014		Private Practice ,Mumbai								
	4	Nishant Sarda	2015		Private practice, Latur								
44.	<b>Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</b> The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under												
45.	<b>a) List the teaching methods adopted by the faculty for different programmes:</b>												
	Sr. No.	For UG	A	B	C	D	E	For PG	A	B	C	D	E
			√	√	√	√	√	√	√	√	√	√	√
	A: Traditional B: Blended C: ICT enabled D: Learning Centric Approach E: Beyond Curriculum Scholarly activities. The undergraduate teaching is predominantly traditional. However e-learning facilities at the department provide remedial educational material to enhance learning. ICT based teaching facilities further enhance the learning experience Post-Graduate teaching is largely blended. It is more learner centric with personal attention given to each postgraduate .Experimental approach and simulation enhance the learning experience.Table demonstrations help the postgraduates to understand and use state of the art equipment. Microteaching by postgraduates inculcate teaching skills among them. The postgradustes are encouraged to take two short research projects in their area of interest . The mentors closely work with the postgraduates in such research projects.												
	<b>b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling, )</b>												
	The department has an organized mentoring system for both undergraduates as well as postgraduate students.Remedial classes and improvement examinations are conducted for weaker students. The department organizes orientation programmes to brief the students on the various activities of the department												
46.	<b>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?</b> Feedback and evaluation reports are constantly analysed and conclusions are drawn. The feedback is conveyed to the faculty during the departmental meetings. Further interventions are planned to overcome these deficiencies												
47.	<b>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive)</b> The college has 5 extension centers. The postgraduate students and staff are posted to these extension centers on a rotational basis, to provide specialist care. The department collaborates with IDA and public health dentistry to conduct oral health programmes at various panchayats and talukas in and around Loni.												
48.	<b>Give details of “beyond syllabus scholarly activities” of the department :-</b> Pedogogy, Table demonstration												
49.	<b>State whether the programme / department is accredited / graded by other agencies?</b> NO												



50.	<p><i>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied ( based on published research articles, paper, projects, books, Patents etc.</i></p> <p><i>b) Salient and unique feature of Department</i> Center for biomaterial development and nanotechnology.Department has a regenerative endodontic strategy with published report.</p> <p><i>c)Innovation of the Department</i> exclusive Regenerative endodontic sections, Nano material Laboratory.</p>											
51.	<p><i>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department : (Important or major ones) in bullet form.</i></p> <p><b>SWOC</b></p> <table border="1" data-bbox="329 531 1364 762"> <thead> <tr> <th data-bbox="329 531 584 562">Strength</th> <th data-bbox="584 531 839 562">Weaknesses</th> <th data-bbox="839 531 1146 562">Opportunities</th> <th data-bbox="1146 531 1364 562">Challenges</th> </tr> </thead> <tbody> <tr> <td data-bbox="329 562 584 762">Innovation, Clinical Protocol development Professional development activities Team work</td> <td data-bbox="584 562 839 762">Projects, Publications, Collaboration, Lack of cutting edge research material</td> <td data-bbox="839 562 1146 762">Introduction of new courses in esthetics Biomaterial research Collaborative projects with other universities</td> <td data-bbox="1146 562 1364 762">To get external funding</td> </tr> </tbody> </table>				Strength	Weaknesses	Opportunities	Challenges	Innovation, Clinical Protocol development Professional development activities Team work	Projects, Publications, Collaboration, Lack of cutting edge research material	Introduction of new courses in esthetics Biomaterial research Collaborative projects with other universities	To get external funding
Strength	Weaknesses	Opportunities	Challenges									
Innovation, Clinical Protocol development Professional development activities Team work	Projects, Publications, Collaboration, Lack of cutting edge research material	Introduction of new courses in esthetics Biomaterial research Collaborative projects with other universities	To get external funding									
52.	<p><i>Future Plan</i></p> <p>1.Diploma Course for Microendodontics. 2. Diploma course for Esthetic Dentistry. 3. Interdisciplinary dentistry section. 4.Certificate courses in Endodontics 5.E-Learning resources</p>											

Sd/----  
Name & Signature  
(Head of the Dept.)

---Sd/---  
Name & Signature  
Principal of the College



DEPARTMENT OF CONSERVATIVE DENTISTRY & ENDODONTICS, RDC, PIMS, LONI.

**CDE PROGRAMMES ARRANGED BY DEPT.**

**ANNEXURE 1**

***PG STUDENT COMPLETED PROJECTS***

A comparative study to evaluate the efficacy of CPP-ACP & Novamin based products on caries modulating factors in high caries risk patients - Dr.Saikalyan Dr. Praveen Byakod
To study the effect of etching and application of adhesive resin on microcrystalline structure of MTA , and to evaluate MTA-composite and MTA-GIC interface at different time intervals- A SEM study - Dr. Imran Dr. Shoeb Shaikh
Influence of DOM in locating MB2 canal orifice of maxillary molar, and mid mesial canal orifice of mandibular molar, and other anatomical details - Dr. Jayshree Vishwas Dr. Shoeb Shaikh
Comparative evaluation of 3 new Ni-Ti rotary instruments-Mtwo, Twisted Files & Safe siders :an in-vitro study - Dr. Ashwin Surve Dr. Praveen Byakod
Effect of temperature on fluoride releasing & recharging ability of Glass Ionomers: an in-vitro study - Dr. Onkar Muthe Dr. Shoeb Shaikh
A comparison of impact strength of fragment bonded anterior teeth using four different restorative materials – an in vitro study - Dr. Ashish Patil Dr. Shoeb Shaikh
Comparative evaluation of bioactive glasses & calcium hydroxide as an intracanal medicament: an in- vitro study - Dr. Amit Patil Dr.Praveen Byakod
Comparative evaluation of mechanical reesistance of different veneer preparation: an in- vitro study - Dr. Amol Badgire Dr. Shoeb Shaikh
Comprarative evaluation of polymerisation shrinkage & degree of conversion of pre-heated & unheated composite resin: an in- vitro study - Dr. Pooja Nahata Dr. Shoeb Shaikh
Comparison of Temperature ries on external root surface during different root and treatment procedure - Dr.Nikhil Bobade Dr.Shoeb Shaikh
Chemomechanical Method Vs Conventional Method in the Reduction of Streptococcus Mutans and Lactobacillus Species In vivo study - Dr.Dhairyasheel Edake Dr.Shoeb Shaikh
To compare BioCeramic endodontic Sealer (Endo sequence – BC) with three different root canal sealers an in vitro study - Dr.Renukadevi G.K. Dr.Praveen Byakod
To evaluate marginal adaptation and fracture resistance of ceramic inlays and indirect composite inlays – An Ex-Vivo study - Dr. Nishant Sarda Dr. Shaikh Shoeb Yakub
Comparative evaluation of fracture resistance of endodontically treated teeth restored with different post systems – An ex vivo study. - Dr. Antara Ghosh Dr. Rashmikumar Vora
Comparative evaluation of different irrigant agitation techniques for smear layer removal and apical extrusion – An ex-vivo study - Dr. Saurabh Pandit Dr. Praveen Byakod
Evaluation of the Efect of two finishing and polishing systems on four esthetic restorative materials profilometric study :- An Ex -Vivo study - Dr. Ujwala Aher
Evaluation of guttapercha and sealer removal efficacy from obturated root canals by using three different endodontics retreatment systems :- An Ex Vivo study - Dr. Ishan Mota
A Steriomicroscopic evaluation of root dentin defects caused by hand and different nickel-titanium rotary instruments – An In Vitro study - Dr. Alisha shah



**ANNEXURE 2**  
**Award list**

Name of PG	Achievement	Category	Conference Details
Dr. Ashwin Surve	1 <sup>st</sup> Prize	Paper : Recent advances in root canal irrigation	World Dental Students Conference, Mumbai 09 <sup>th</sup> to 11 <sup>th</sup> October 2009
	2 <sup>nd</sup> Prize	Paper :Retrieval of broken Instruments – a unique art.	2 <sup>nd</sup> Scientific Convention IDA, Loni. 07 <sup>th</sup> -08 <sup>th</sup> April, 2010.
	3 <sup>rd</sup> Prize	Poster: Apical Cracks – A concern for retropreparations	11 <sup>th</sup> FODI and IES PG Convention, Bangalore. 27 <sup>th</sup> to 29 <sup>th</sup> May, 2010.
	1 <sup>st</sup> Prize	Paper: Frescodontics – Restoring The Lost	ICDRO World Congress 14 <sup>th</sup> – 16 <sup>th</sup> Jan. 2011.
Dr. Omkar Muthe	3 <sup>rd</sup> Prize	Poster: Apical Cracks - a Concern for Retropreparation	11 <sup>th</sup> FODI and IES PG Convention, Bangalore. 27 <sup>th</sup> to 29 <sup>th</sup> May, 2010.
	Consolation Prize	Paper:Dental Caries of Paradigm shift	2 <sup>nd</sup> Scientific Convention IDA, Loni. 07 <sup>th</sup> -08 <sup>th</sup> April, 2010.
Dr. Ashishkumar Patil	1 <sup>st</sup> Prize	Paper: Antibiotic in Endodontics	World Dental Students Conference, Andheri, Mumbai 09 <sup>th</sup> - 11 <sup>th</sup> Oct. 2009.
	3 <sup>rd</sup> Prize	Poster :Apical Cracks - a Concern for Retropreparation	XI FODI and IES PG convention, Bangalore. 27 <sup>th</sup> to 29 <sup>th</sup> May, 2010.
Dr. Pooja Nahata	3 <sup>rd</sup> Prize	Paper: Resent advances in irrigation	4 <sup>th</sup> Scientific Convention RDC, Loni. 12 <sup>th</sup> - 14 <sup>th</sup> Jan 2012.
Dr. Dhairyashil Edake	1 <sup>st</sup> Prize	Poster: Photoacoustic endodontics	Academy of Conservative Dentistry & Endodontics, Nagpur. 25 <sup>th</sup> - 26 <sup>th</sup> February 2012.
Dr. Ujwala Aher	1 <sup>st</sup> Prize	Paper : Bicuspidization of an endodontic-periodontal Lesion	7 <sup>th</sup> Annual National Conference Indian Society of Prosthodontics-Restorative-Periodontics, Bhopal. 22 <sup>th</sup> - 24 <sup>th</sup> Aug 2015.
Dr. Alisha Shah	1 <sup>st</sup> Prize	Paper : Bicuspidization of an endodontic-periodontal Lesion	7 <sup>th</sup> Annual National Conference Indian Society of Prosthodontics-Restorative-Periodontics, Bhopal. 22 <sup>th</sup> - 24 <sup>th</sup> Aug 2015.
	1 <sup>st</sup> Prize	Paper:Effect of preoperative pyroxicam & ketorolac on the success of inferior alveolar nerve block in patients with irreversible pulpitis.	16 <sup>th</sup> IACDE and IES PG Convention, I.T.S. Centre for Dental Studies and Reserach, Muradnagar, Ghaziabad. 4 <sup>th</sup> - 6 <sup>th</sup> June 2015.
Dr. Ishan Mota	1 <sup>st</sup> Prize	Paper : Bicuspidization of an endodontic-periodontal Lesion	7 <sup>th</sup> Annual National Conference Indian Society of Prosthodontics-Restorative-Periodontics, Bhopal. 22 <sup>th</sup> - 24 <sup>th</sup> Aug 2015.
Dr.Nilanjana Zende	1 <sup>st</sup> Prize	Paper :Comparison of shear bond strength between composite and GIC using 6 <sup>th</sup> and 7 <sup>th</sup> generation bonding agents.	16 <sup>th</sup> IACDE and IES PG Convention, I.T.S. Centre for Dental Studies and Reserach, Muradnagar, Ghaziabad. 4 <sup>th</sup> - 6 <sup>th</sup> June 2015.



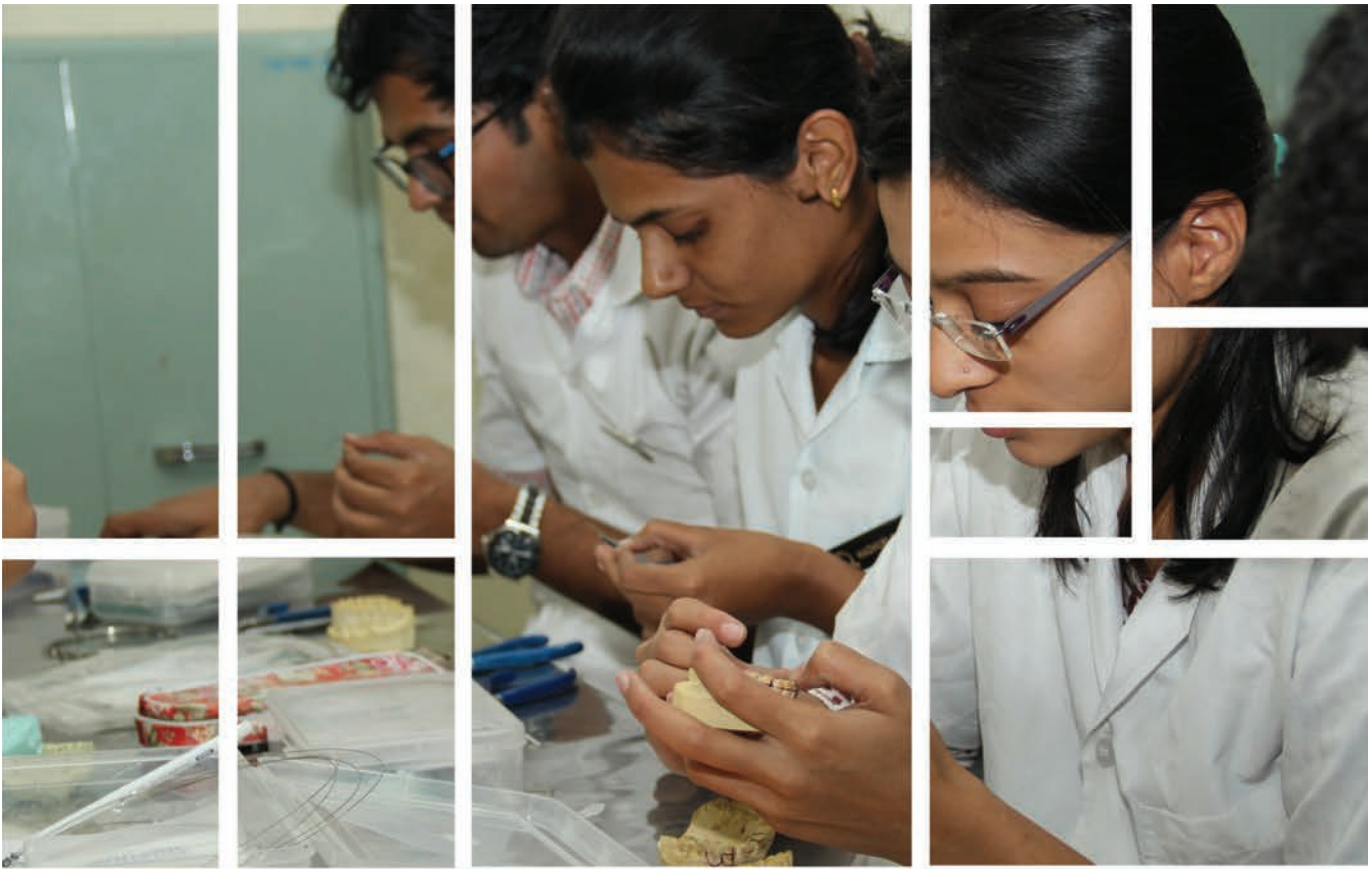


**ANNEXURE 3**

Sr. No	Date	CDE
1	11 <sup>th</sup> October 2011 to 14 <sup>th</sup> October 2011 17 <sup>th</sup> October 2011 to 19 <sup>th</sup> October 2011	CDE programme on, "Contemporary Clinical Dentistry" In Two Modules
2	21 <sup>st</sup> January 2013 to 24 <sup>th</sup> January 2013	CDE programme on, "Practice based advance clinical modules"
3	23 <sup>rd</sup> October 2013 to 25 <sup>th</sup> October 2013	5 <sup>th</sup> Students Scientific Convention with Cultural Nights
4	10 <sup>th</sup> Feb to 13 <sup>th</sup> February 2014	CDE programme on, 'Protaper Rotay and NiTi systems, Esthetic Composite, Post & Core & Restorative Modules"
5	19 <sup>th</sup> April 2014	IDA CDE on Amalgam vs Composite
6	25 <sup>th</sup> September 2014 to 27 <sup>th</sup> September 2014	IDA Maharashtra Students Zonal Conference, Youphoria-2014 Including:- in door & out door games (Chess, Carrom, Table tennis, Batminton, Cricket) & Singing and Dance Competition

S.No	CDE activity	DATE	Resource Person
1.	Interdisciplinary clinical meet	jan 16 2015	Moderators Dr.Vora Dr.Imran
2.	Full mouth rehabilitation workshop: PG upgradation	Jan 21 -23 2015	Dr.Dhananjay Gandage
3.	Implant workshop: DRDO implants	March 18 2015	Dr.Gangadhar Angadi
4.	Composites:contemporary esthetic rehabilitation	27,28march 2015	Dr.Rahul Wagle
5.	Dentist Day Debate on paradigm shift in dental health education	6 march 2015	Moderator : Dr.Gangadhar Dr.Shoeb
6.	Implants And CBCT	9 march 2015	Dr.Safia Shaikh
7.	Oral health day "result oriented attitude"	20 th march 2015	Mr.Pratap singh Pardeshi
8.	World health day Safe food –Farm to plate	7 april 2015	Dr.Amol Hartalkar
9.	Self adjusting files	Sep 17, 2015	Dr. Roheet
10.	Laminates and veneers	Oct 20,2015	Dr.Kshitij
11.	Regenerative endodontics	21 nov 2015	Dr.Sai Kalyan
12.	Post and core	21, april 2016	Dr. Harpreet Singh





## Department of Orthodontics & Dentofacial Orthopaedics



**Rural Dental College**  
**Prayara Institute of Medical Sciences**  
**(Deemed University)**





**Pravara Institute of Medical Sciences ( Deemed University)  
Institution : Rural Dental College  
DEPARTMENT EVALUATIVE REPORT (2010-11 TO 2015-16)**

1. **Name Of Department: Orthodontics And Dentofacial Orthopedics**
2. **Year Of Establishment : 1989**
3. **Is the department part of a school / faculty of the university - Yes**  
Department is a part of Rural Dental College, a constituent college of Pravara Institute Of Medical Sciences (Deemed University)
4. **a) Names of programs offered :**

Programs	Name of the Prog./ year of establishment	Year of establishment	Intake per year	Fresh enrolment	Current total student strength of the dept
UG	BDS	1989	100	100	200 (101+99)
PG	Master of Dental surgery	2002	04	04	12
Ph.D	Doctor Of Philosophy	2014	01	01	02

**b) Details of curriculum/ syllabus of the subject as per statutory regulatory bodies :**

	No. of yrs the subject is taught	Total hours of teaching- Learning			No. of papers & Practical to be taught		Marks for university exam			
		Theory	Practical	Total	Paper	Practical	Paper	Pract	viva	Total
UG	3 <sup>rd</sup> & 4 <sup>th</sup> BDS	20 hrs + 30 hrs	70 hrs + 130 hrs	250 hrs	01	03	70	100	20 + 10	200
PG	Three yrs	400 hrs	3000 hrs	3400 hrs	4	2x50 1x75 1x25	400	200	100 (80 + 20)	600

**c) Latest revision of curriculum/ syllabus in 19<sup>th</sup> May 2016..... And their Salient Features.**

**UG Syllabus addition**

[It is reverent to mention that the basic teaching of following topics will have additional impact on clinical teaching. It is in addition to the syllabus formulated by DCI.

**Theory (Salient Features)**

- Basic knowledge of 3 dimensional diagnostic invention in Orthodontics (CBCT)
- Clinical implication of evidence based dentistry and orthodontics.
- Basic idea about web learning resources i.e. database and its clinical implications.
- Use of various mobile apps in diagnosis and treatment planning in orthodontics.
- Basic ideas about legal and ethical issues in orthodontics.

**Practical Training (Salient Features)**

- Basics of camera usage and photography.
- Basics of 3D analysis
- Practical training for the same (minimum 6 hrs in third & final BDS}.

**PG Syllabus addition**

[It is reverent to mention that the basic teaching of following topics will have additional impact on clinical teaching. It is in addition to the syllabus laid down by DCI.

**Theory (Salient Features)**

- Epidemiological research about incidence and prevalence of malocclusion in Indian population (CCT's and RCT's).
- Problem based learning and evidence based approach in all clinical situation.
- Detail learning of evidence based orthodontics and its clinical implication all reverent topics.
- Cochrane database utilization.
- Knowledge of CBCT and 3D imaging in clinical Orthodontics with usage guidelines.
- The concept of surgery first approach in correction of skeletal malocclusions.



- The use of microimplants anchorage [TAD], skeletal anchorage, fixed functional appliances, adult interdisciplinary Orthodontics.

**Practical Training (Salient Features)**

- Use of TAD's and Orthodontics imaging software's in clinical practice.
- Clinical training about invisible Orthodontics and aligners.
- Managing complex malocclusion in adults.
- Special training in lingual and invisible Orthodontics.
- Field survey and training in categorizing malocclusion and formulating Orthodontic indices.

(ANNEXURE I)

**d) Contribution of Faculty to curriculum design and development (CDD) as**

**i) Member/ chairman BOS/ Faculty / BOE at parent university and other universities.**

<i>Parent University</i>			
<i>BOS</i>	<i>BOE</i>	<i>AC</i>	<i>Review Committee</i>
<i>04</i>	<i>--</i>	<i>01</i>	<i>01</i>

Board Of Studies: Dr.N.G.Toshniwal, Dr.Abhijit Misal, Dr.Shubhangi Mani, Dr.Rahul Baldawa

Academic Council: Dr.N.G.Toshniwal

Review Committee: Dr.N.G.Toshniwal

- ii) Organization of CDD workshops at the Dept/ University : Nil
- iii) Participation in curriculum design and development offered by the department workshops at university/ department:-  
Participation of Dr.N.G.Toshniwal in DCI workshop for curriculum designing for PG studies held at Mumbai.

**5. Interdisciplinary programmes offered by the dept and department involved**

Name of programmes offered by our dept	Involved Departments
	Within the institute
1. Interceptive orthodontic training	Orthodontics and Pedodontics
2. Learning digital dental photography ; a hands on training	Ortho with all other disciplines
3.Managing Adenoid facies , airway analysis DNS Adenoidectomy tonsillectomy etc	Orthodontics- ENT
4. Managing Cleft lip and cleft palate cases	Orthodontics , Oral Surgery , Pedodontics and Prosthodontics
5.Adult Interdisciplinary Orthodontics	Orthodontics, Periodontics, Oral Surgery, Prosthodontics
6.Cochrane database learning with (systematic review & metaanalysis )	Orthodontics with all their dental departments& research cell.
7.Hormonal disturbances and orthodontics	Orthodontics and CCL

The faculty of the department participate as a consultant, researcher, trainer and interdisciplinary approaches in clinical practice and research study.

**6. Courses in collaboration with other universities, industries, foreign institutions etc ---Nil---**

**7. Details of programmes discontinued, if any with reasons. ---Nil---**

**8. Examination system : Annual**

**9. Participation of the dept in the courses offered by other depts.**

The faculty along with PhD students is actively involved in the PG training programs of 8 dental science dept in Rural Dental College to teach selective / specific topics like evidence based





dentistry, data learning resources, epidemiological surveys, management of growth and development of craniofacial complex, treatment of CLCP, adult orthodontics and orthognathic surgery.

**10. No of teaching posts sanctioned, filled and actual ( Professors/ associate Professors/ asst. Professors/ Others) as on this day**

**(a) Teachers**

S.N.		Required as per DCI	Actual faculty strength (Recruited or filled)		
			Male	Female	Total
<b>I</b>	Professor	02	02	01	03
<b>ii</b>	Reader	04	02	--	02
<b>iii</b>	Senior lecturer	02	01	--	01
<b>Sub Total( i to iii)</b>			05	01	06
<b>iv</b>	Tutor	01	--	02	01
<b>Grant Total ( i to iv)</b>			05	03	08
<b>b)</b>					
<b>Qualification profile of Teachers</b>			<b>Male</b>	<b>Female</b>	<b>Total</b>
With P.G Degree only		04	01	05	<b>06</b>
Teachers pursuing higher degrees		----	01	01	<b>02</b>

**11. Faculty profile with name, qualification , designation , area of specification, experience and research under guidance as on this day**

**a) Faculty (as UG/ PG teachers) (Internal)**

Sr no	Name of Teaching staff	Qualification	Designation	Area of Specialization	Teaching Experience in yrs	No of PG students	
						Guiding	Guided
1	Dr.N.G Toshniwal	MDS	Professor & HOD	Orthodontics & Dentofacial Orthopedics	23yrs	2	22
2	Dr.Abhijit Misal	MDS	Professor	Orthodontics & Dentofacial Orthopedics	20 yrs	3	14
3	Dr.Shubhangi Mani	MDS	Professor	Orthodontics & Dentofacial Orthopedics	10yrs 6 mths	03	02
4	Dr.Rahul Baldawa	MDS	Professor	Orthodontics & Dentofacial Orthopedics	9 yrs 10 mths	02	--
5	Dr. Nilesh Mote	MDS	Reader	Orthodontics & Dentofacial Orthopedics	8 yrs 6 mths	02	--
6	Dr.Sheelkumar Vora	MDS	Lecturer	Orthodontics & Dentofacial Orthopedics	1 year 6 mths	--	--
7	Dr.Renuka. B	BDS, MPH	Tutor	General Dentistry	9 yrs 10 mths	-	--

**b) Faculty of the Department as Ph.D.Guides ( Internal as well as External)**

Sr No	Name of the Ph.D guide	Ext / Int	No of Ph.D students of university	
			Guiding	Guided & Awarded
1	Dr.N.G Toshniwal	Internal	02	--

**12. List of Senior Visiting fellows, adjunct faculty, emeritus professors; as on this day**

Sr No	Name of Faculty & their nature of involvement	Qualification	Designation & affiliation	Area of specialization	Experience in yrs
1	Dr. V.P. Jayade	MDS (1967)	Prof. emeritus (SDM dental college Dharwad)	Orthodontics	49 years



2	Dr. Mrs. P. V. Hazare	MDS (1978)	Prof. & Head (Kalmeghe Dental College Nagpur)	Orthodontics	38 years
3.	Dr. R. B. Sable	MDS (1978)	Prof & Head (Bhartividyapeeth dental college pune)	Orthodontics	38 years

13. Percentage of classes taken by temporary faculty programme wise information ----- NIL----

14. Programme wise Teacher Student ratio : Teacher student ratio as per DCI data

Programme  
UG : 1:14  
PG: 1:1  
Ph.D:1:2

15. No. academic support staff (technical) and administrative staff sanctioned, filled and actual; as on this day

Sr No	Staff	Name of the post	Required as per DCI	Filled/ Actual		
				M	F	Total
1	Administrative		--	--	--	--
2	Technical	Dental Mechanic	01	01	-	01
		Dental Hygienist	01	-	01	01
		Nursing staff	01	-	01	01
3	Support	Attendants	03	03	---	03
4	Total		06	04	02	06

16. Research Thrust areas as recognized by major funding agencies/ by the department ( as on this day)

- Problem based learning and evidence based approach in management of malocclusion in rural poor.
- Research in area of craniofacial growth and development as applicable to healthcare beneficiaries.
- Innovations in biomechanics for accelerated tooth movements.
- Special research in molecular biology and application of stem cells in clinical orthodontics.
- Research methodology in genetic engineering and orthodontics.
- Special research emphasis on adult orthodontics and orthognathic surgeries.
- Advanced research in preventive and interceptive orthodontic technology.
- Research in craniofacial congenital abnormalities.

17. No of ongoing and completed projects undertaken by faculty with funding from a) National b) International funding agencies c) Total grants received. Give the names of funding agencies, project title and grants received project wise: (for the last 5 yrs)

- i) No of faculty of the dept are involved in 13 Of research projects.  
8 Ongoing and 5 completed projects. All sponsored by PIMS-DU/RDC

The details of projects are as follows:

**Ongoing Projects by faculty:** (as on this day)

**(All sponsored by PIMS (Deemed University)/RDC)**

Sr No	PI, Co-PI and Project Title	Duration (Yrs)
1	Dr.N.G.Toshniwal Assessment of sagittal discrepancies through a new approach of beta angle in rural population of Maharashtra in and around Loni	2015 onwards
2	Dr.N.G.Toshniwal Evaluation of skeletal maturation in rural population of Maharashtra in Ahmednagar district using a new method of assessment of cervical vertebral bone age	2015 onwards
3	Dr.Abhijit Misal Auto resolution of linguallly placed or crowded lower incisors with extraction of	2015 onwards



	deciduous anteriors	
4	Dr.Shubhangi Mani Facial profile attractiveness: comparison amongst orthodontist and other dental specialist ranking of treated profile with the twin block appliances	2015 onwards
5	Dr.Shubhangi Mani Incidence of white spot lesion during fixed orthodontic treatment	2015 onwards
6	Dr.Rahul Baldawa An assessment of career satisfaction among general dental practitioners in Ahmednagar district	2015 onwards
7	Dr.Nilesh Mote Comparison of efficacy of fixed twin block and removable twin block in term of skeletal and dental changes	2015 onwards
8	Dr.Renuka B Prevalence of oral lesions among sugarcane factory workers of Loni, Maharashtra	2016 onwards

**Completed Projects:(as on this day)**

**(All sponsored by PIMS (Deemed University)/ RDC)**

Sl.No	Name Of Faculty	Study conducted	Year
1.	Dr.N.G.Toshniwal	A comparative study of attitude towards orthodontic treatment in children of age group 13-15 yrs along with their parents in the high schools in Loni	2013-2014
2.	Dr.Shubhangi Mani	Safety Measures : important or not what do patients prefer?	2014-15
3	Dr.Shubhangi Mani	dentist appearance preference of parents and children about the dentist's attire in Indian population questionnaire survey	2014-15
4	Dr.Shubhangi Mani	prevalence rate of buccally displaced canine and its a dentoskeletal three dimensional relation in Indian population	2015-16
5	Dr.Renuka B	Assessment of Oral health status and treatment needs among sugarcane factory workers of Loni, Maharashtra	2015-16

**18) Inter- institutional collaborative projects of faculty & associated grants received ( including clinical trials ) excluding those included a Sr.No 16. For last 5 years as on this day.---** Nil---

**19) Total Research Projects ( Faculty+ Collaborative+ Student Projects) 5 years data**

Sr No	Research projects undertaken by	Data as given under Sl.No of DER	Total Projects	Ongoing	Completed
a	The faculty ( at the dept ) Funded by self or Dept or University	17	13	08	05
b	PG students STS/ ICMR projects	28	02	-	02
	Total		15	08	07

**20. a) Research facility / centre and recognition by state / national / international agencies as on this day.**

**In the Dept ( Details of facilities in brief)**

The research equipments in dept are special hydrosolder unit (SUMAX), vacuum molding unit (BIOSTAR), anatomic articulator, imaging software and advance clinical photography unit. Dept also has got research facility for micro implant anchorage, orthognathic surgery work and craniofacial growth modulation.

**In other Dept ( Details of facilities by the dept )used by us**



Utilization of research facilities in form of recording cephalogram and OPG (digital technology) from Dept of OMDR, physiodispenser and implant placement guidance and bite raising rehabilitation in conjunction with Dept of prosthodontics and major and minor surgical operation theaters for orthognathic surgical research from Dept of Oral and Maxillofacial Surgery.

**In other college (Details of facilities by used by us)**

**Rural Medical College Loni** like Central Clinical Laboratory for pathological, microbiological and biochemical investigations, Blood Bank, Radiology ( CT scan, USG, MRI, etc), Forensic lab, OT complex.

**Dr. APJ Abdul Kalam College Of Physiotherapy Loni** like oral myofunctional therapeutic research, electromyographic analysis of craniofacial musculature, therapeutic training of oral muscles (oral gymnastics) & physiotherapeutic application of facial muscles, clinical orthodontic research.

**Centre of biotechnology Loni**, like research on molecular biology, stem cells and genetic engineering in preventing interception and correcting developing malocclusions.

**Centre of Social Medicine, Loni.** Like prevalence, incidence and epidemiological surveys of different types of malocclusion in different age group in relation to ethnic and regional variation amongst the population living in and around Loni and Ahmednagar District.

**Pravara College Of Engineering Loni.** Like advance research in biomechanics, biomaterials, software technologies like android mobile applications, finite element analysis for testing the applicability and reliability of newer orthodontic product to be used in treating different type of malocclusion.

**College Of Nursing, Loni.** – Simulators for student training.

**College of Pharmacy, Loni.** – Drug related studies.

**At central level (Details of facilities used by us)**

- Pravara Rural Hospital with all its facilities like OT complex, ICU and wards etc.
- Central library in form of databases and journals.
- Central Clinical Laboratory for pathological, microbiological and biochemical investigations.
- Centre for Biotechnology
- Blood bank
- Animal house
- Research laboratory
- Technical Support, Manpower, Infrastructure & Encouragement from management for conducting the Diagnostic & Treatment camps with free distribution of medicines for rural community in & around Loni
- Virtual laboratory for student trainings.
- Department of Biostatistics

**21. Special research laboratories sponsored by/ created by industry or corporate bodies or parent organization of any. --- Nil---**

**22. Publication data last 5 yrs**

Publication in peer review journals and conference proceeding (ISSN)	National ----- 38 International---- 26 Other ----- 06 Total ----- 70
Publication in Non- peer review journals and conference proceeding	01
No of monographs (ISBN/ Non ISBN)	: 28
No of books published	: 3
No of chapters in books with details of publishers	: 01
No of papers in international/ national/ database (For eg. Pubmed, Scopus, Web of science, Google scholar, J-GET plus, ski finder, Indian Citation Index, Indian Science Abstracts, EBSCO host etc)	
<b>Research publication included and listed in international database are 11out of 70 total publication.</b>	
No of Citation index – range / average	: --
SNIP	: --
SJR	: --



Impact Factor – range / average	:	<b>Details given in Criteria III and Emerging index</b>
h index	:	

Publication in peer review journals and conference proceeding (ISSN) **ANNEXURE II.**

**23. Details of patents filled / granted and income generated ( 5 yrs data)**

One national patent has been granted. Details are as follows:

List of Granted Patents at National level:

SN	Title of Patent	Filing Date	Inventors	Assignee
01	Indian Orthodontic Society, Android mobile application	8 sept 2015	Dr.Aditya Aggarwal, Dr.Saagar Kausal, Dr.N.G. Toshniwal	Indian Orthodontic Society

**24. Areas of consultancy and income generated :**

Honorary consultancy to different dental manufacturing companies for

- orthodontic appliance designing.
- generating newer orthodontic appliances and orthodontic needs of rural poor.
- different primary dental health care centers and gov. hospital in diagnosis and treatment of different types of malocclusions.

**25. Faculty selected nationally/ internationally to visit other lab/ institutions/ industries to India and abroad (5 yrs data)(ANNEXURE III)**

Total	Inter-national	National	State	Others
04	01	18 + 14	0	05

**International visit :** Dr. Abhjit Misal, Prof. have participated in poster competition at mid year IOS convention held in Scotland (UK) in 2015

**National visit :** Dr. N. G. Toshniwal has on invitation delivered the key note addresses and guest lectures in almost all national orthodontic conferences and convention from 2011 – 2015. He also has worked as council’s inspectors to several dental institutions in the country.

Four faculty members –

- 1) Dr.N.G.Toshniwal(Prof & HOD)
- 2) Dr.Abhijit Misal (Prof.)
- 3) Dr.Shubhangi Mani (Prof.)
- 4) Dr.Rahul Baldawa (reader)

**26. No of faculty serving in committees, boards, commissions etc last 5 yrs**

Sl.No	Name Of Faculty	Title	Place	Date	Level
1	Dr. Toshniwal N.G.	Committee on curricular reforms in MDS course regulation 2007	GDC Mumbai	15 <sup>th</sup> Oct 2012	National

**a) Recognition to faculty (Fellowship, membership, honour any other type) 5 yrs data (ANNEXURE IV)**

	Total	Inter-National	National
Membership	11	01- DSD	05- IOS, 05-IDA

The faculty are the members of Indian Dental Association, Indian Orthodontic Society, World Federation of Orthodontics and member of Digital Smile Designing.

**b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc of scientific journals last 5 yrs**

	Total	Inter-National	National	State	Others
EB	1	-----	1	1	-----
Peer Reviewer	2	2	1	---	1





Two faculty members –

- 1) Dr. N. G. Toshniwal and Dr. Misal are on the panel of International Journal of Dental Practice and Medical Sciences
- 2) Dr. N. G. Toshniwal is a member of editorial board of the journal of IOS and is a peer review of journal of Indian Dental Association and journal of Dental Allied Sciences

**27. Faculty Recharging Strategies(UGC,ASC/MCI- MET, refresher / orientation programs, workshops, training programs and similar programs.5 yrs data (ANNEXURE VI)**

Sr No	Type of programme	No Of FDPs participated				Total
		College level	State/University level	National level	International level	
1	Orientation/ Refresher/ MET/ CDE	05	05	36	06	51
2	Workshop / Seminar/ Symposium/ Conferences	02	02	36	06	46
3	FDPs (guest lecture, training, CM, CPC etc)	05	06	01	--	08
	Grand total	12	13	73	12	105

**28. Student Projects: 5 yrs data(ANNEXURE VII)**

UG Projects			PG Dissertations		
Ongoing	Completed	Total	Ongoing	Completed	Total
02	-	02	04	24	28

Percentage of students who have done in house projects including interdepartmental project: -

Percentage of students doing projects in collaboration with other universities/industry/institute: 5%

**29. a) Research awards/ recognition received at the national and international level last 5 yrs**

Sr No	Received by	No of awards			
		International	National	State/ University	Total
1	Faculty	01	--	--	01
2	Student PG/ PhD	01	09	04	14
	Total	02	09	04	15

International:

Sl.No	Name of faculty	Award	Place/Detail/year
1	Dr.N.G.Toshniwal ( Faculty)	Received Plaque Of Honour From Dr. Roberto Justus (President World Federation Of Orthodontics	ORTHOSURGE 14 International Symposium at CLINICAL INNOVATION at hotel Courtyard Merriott, Mumbai (2013-14)
2	Dr.Ajay Mathur (PG student)	Scholarship grant for LD on Dr.Birte Melsen’s contribution to orthodontics by American Orthodontics , Shebogyan , WI, USA	Delhi IOS conference (2012-13)

National:

Sl.No	Name of PG student	Award	Place/Detail
1	Dr.Ajay Mathur	First prize for paper presentation on Impacted canine- A fly in the ointment	Dentistry Reinforced, 3 <sup>rd</sup> scientific convention, RDC, Loni 2 <sup>nd</sup> -4 <sup>th</sup> March 2011
2	Dr.Aatish Jumle	Second prize for paper presentation	Dentistry Reinforced, 3 <sup>rd</sup> scientific convention, RDC, Loni 2 <sup>nd</sup> -4 <sup>th</sup> March 2011



3	Dr.Ajay Mathur	Second prize for paper presentation on Distract to Protract	4 <sup>th</sup> scientific convention, RDC, Loni 12-14 <sup>th</sup> Jan 2012
4	Dr.Ajay Mathur	Sponsorship of research grant for MDS by Colgate Palmolive (India) Limited	2012
5	Dr.Ajay Mathur	ICMR scholarship for research	2012
6	Dr.Ajay Mathur	Student Clinic Research award by IOS	2012
7	Dr.Saurabh Baghreacha	ICMR scholarship for research	2013
8	Dr.Ajay Mathur	Best Student Research Award	New Delhi
9	Dr.Mayuresh Baheti	Individual member achievement of IOS 2014	IOS

State:

Sl.No	Name of PG student	Award	Place/Detail
1	Dr.Uday Soni	II prize in clinical poster presentation on Integrated Functional Therapy	3rd Zonal PG convention VPDC Sangli (2015 -16)
2	Dr. Shyama Dash	II prize in clinical paper presentation on Accelerated tooth movement using PRP	3rd Zonal PG convention VPDC Sangli (2015 -16)
3	Dr.Krutika Gaitonde	II prize in general poster presentation on Powerscope : An additional blessing	3rd Zonal PG convention VPDC Sangli (2015 -16)
4	Dr.Ankita Sawant	III prize in research category paper presentation on On Understanding Progressive remodelling of temperomandibular joint: A CBCT study	3rd Zonal PG convention VPDC Sangli (2015 -16)

**30. Seminars/ conferences/ workshops/ skill based training workshop ( CMEs clinical meetings / special lectures any other ) organized and the source of funding, Level of organization ( National / International ) with details of outstanding resource person and participants if any : 5 yrs data (ANNEXURE VII)**

	Total	National	Univ/College	Funding source	No.of participants	No of resource persons
Seminar	-	-	-	-	-	-
Symposia	08	08	--	PIMS	423	08
Conference	02	02	--	IDA	456	07
Workshop	02	02	--	Own	56	02
FDPs	06	--	06	PIMS	04	04
Total	18	12	06		937	21

Organization of S/S/W/C by dept during last five year :

National S/W/C : 18

Sr. No	Name of the event	Date & year
1	Dentistry Reinforced : 3 <sup>rd</sup> Scientific Convention	2 <sup>nd</sup> -4 <sup>th</sup> March 2011
2	Anchorage in Orthodontics- Past, Present & Future : 7 <sup>th</sup> Annual symposium on Contemporary Orthodontics and Dentofacial Orthopedics	3 <sup>rd</sup> -4 <sup>th</sup> March 2011
3	Workshop on Nasoalveolar moulding	2 <sup>nd</sup> March 2011
4	8 <sup>th</sup> Annual Symposium on Contemporary Orthodontics & Dentofacial Orthopedics	11/11/2011
5	Dentistry in the new millennium : 4 <sup>th</sup> Scientific Convention	12 <sup>th</sup> to 14 <sup>th</sup> Jan. 2012



6	Orthodontics in the new millenium : 9 <sup>th</sup> Annual symposium on Contemporary Orthodontics and Dentofacial Orthopedics	13 <sup>th</sup> and 14 <sup>th</sup> January 2012
7	Workshop on Management of medical emergencies in dental practice	6-7 <sup>th</sup> Sep 2012
8	Application of advanced imaging technology in dentistry : 10 <sup>th</sup> Annual symposium on Contemporary Orthodontics and Dentofacial Orthopedics	30 <sup>th</sup> Aug 2012
9	FDP: Colgate IDA Future dental professionals program	9 <sup>th</sup> Aug 2012
10	Excellence Through the Lens – Mastering Clinical Photography : 11 <sup>th</sup> Annual Symposium on Contemporary Orthodontics & Dentofacial Orthopedics	1 <sup>st</sup> July 2014
11	Sail to Sell...Redefining your dental practice : 12 <sup>th</sup> Annual Symposium on Contemporary Orthodontics & Dentofacial Orthopedics –	5th September 2014
12	FDP: Implants in Orthodontics by Dr. Ketan Vakil, Prof & HOD, SMBT Sangamner	20 <sup>th</sup> May 2015
13	FDP: Current advances in Clinical Philosophy by Dr. M.Vyas , Prof & HOD, Triveni Dental college & hospital, Chattisgarh	21 May 2015
14	FDP: Adenoid facies and Pranayama and Orthodontics by Dr.naval bavaskar, Reader, Nair Dental College & Hospital, Mumbai	22 June 2015
15	Clinical Photography on the theme <b>Capture Image – To Build Image</b> : 13 <sup>th</sup> Annual Symposium on Contemporary Orthodontics & Dentofacial Orthopedics	14-15 <sup>th</sup> October 2015
16	14 <sup>th</sup> Annual Symposium on Contemporary Orthodontics & Dentofacial Orthopedics on Emerging Trends and Challenges in Clinical Orthodontics	6 <sup>th</sup> April 2016
17	Guest lecture on How to write Dissertation by Dr.Kishore Chougule	22 <sup>nd</sup> June 2016
18	Guest lecture on Functional Therapy : Past & Present by Dr.Teashree Pradhan	22 <sup>nd</sup> June 2016

**31. Code Of Ethics for research followed by the departments:**

ICMR 2006 Guidelines, Institutional Ethical Committee, PIMS (BLGI) Guidelines.

**32. Student Profile programme wise:**

a) PG Programme:					
Name of the Programme: MDS in Orthodontics					
Academic Year	No. of Application Received for PG CET	CET Pass %	No. of Students Selected through CET to study MDS in Orthodontics		
			M	F	T
2011-12	126	82.04	3	1	4
2012-13	191	84.5	4	0	4
2013-14	90	87.3	3	1	4
2014-15	89	78.48	1	3	4
2015-16	86	82.14	2	2	4
No. of Students Completed PG studies in given subject of a course and Pass percentage on an academic year.					
Academic Year of Outgoing Batch	No. of Students			% of Pass student with	
	Appeared	Pass	Pass%	1st Class	1st Class with Distinction
2010-11	04	04	100%	02	
2011-12	04	04	100%	02	
2012-13	04	04	100%	02	
2013-14	04	04	100%	02	01
2014-15	04	04	100%	02	



b) UG Students :							
Name of the subject and course : Orthodontics & Dentofacial Orthopedics and BDS							
Academic Year	No. of Application Received	CET Pass %	No. of Students Selected for UG Course				
			M	F	T		
2011-12	2257	68.4	25	75	100		
2012-13	3568	66.85	27	73	100		
2013-14	2913	70.21	14	86	100		
2014-15	2496	65.76	21	79	100		
2015-16	2778	64.09	23	77	100		
Results of University examination for the subject taught by the Department (Eg. anatomy, Physiology etc.)							
Name of the subject	Academic Year (For Outgoing Batch)		Total Students Appeared	No. of students passed	Pass % of Dept. Subject	% of 1st class	% of 1st class with Distinction
Orthodontics & Dentofacial Orthopedics	2010	2011	79	78	98.73	37%	0%
	2011	2012	77	77	100	78%	0%
	2012	2013	60	54	90	43%	0%
	2013	2014	65	64	98.46	15%	0%
	2014	2015	90	82	91.11	51%	0%
<b>Note- Give Results only for Regular Batch.</b>							

**33. Diversity of students**

Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from other universities outside the state
MDS Orthodontics	2010-11	1 & 25%	2 & 50%	1 & 25%
MDS Orthodontics	2011-12	2 & 50%	1 & 25%	1 & 25%
MDS Orthodontics	2012-13	2 & 50%	2 & 50%	
MDS Orthodontics	2013-14	2 & 50%	2 & 50%	
MDS Orthodontics	2014-15	2 & 50%	1 & 25%	1 & 25%
MDS Orthodontics	2015-16	3 & 75%	1 & 25%	
MDS Orthodontics	2016-17	3 & 75%	1 & 25%	

**PG programme**

a) PG Programme				
Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from other universities outside the state	No. and % of students from other Countries
2010-11	1. Amandeep kaur	1. Ketan Naik 2. Walmik Ahirao	1. Ajay Mathur	--
2011-12	1. Aatish Jhumle 2. Saurabh Baghreacha	1. Vikrant jaiswal	1. Jaishree Mahajan	--
2012-13	1. Mayuresh Baheti 2. Hiral Patel	1. Aditya Agrawal 2. Harshal sanap		
2013-14	1. Ninad Gharat 2. Ankita Sawant	1. Saagar Kausal 2. Kunal Pawar		
2014-15	1. Uday soni 2. Kruttika Gaitonde	1. Rucha Bhatkande	1. Shyama Dash	
2015-16	1. Rajlakshmi Rai 2. Richa Mishra 3. Sumeet Mishra	1. Prashant Mishra		



2016-17	1. Komal Thange 2. Jyoti Rajbhar 3. Olavo Neil	1. Devdutta Wankhede		
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<b>b) UG Programme</b>					
Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other unive. within the state	No. and % of students from other univer outside the state	No. and % of students from other Countries
	2010-11	100	97	03	--
	2011-12	100	98	02	--
	2012-13	100	1	-	--
	2013-14	100	91	03	--
	2014-15	100	100	--	--

34. How many students have cleared Civil Service and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/ USMELE/ PG CET etc.) -  
----- Nil

35. Student progression: Either at PIMS or other Institution in India & abroad (Average % for last 5 Years) (ANNEXURE IX)

Student Progression		% Against enrolled
Orthodontics & Dentofacial Orthopedics	UG-PG Studies	18 students
	UG – PhD	--
	UG to employment	--
	PG to employment	--

36. Diversity of Staff as on this day:

Number and % Diversity of Staff ( as on this day) belonging to		% Staff who have obtained PG Degree form	
Same State/ UT	7 & 87.5%	Parent university	2 & 25%
Outside State/ UT	---	Other Universities of the state	5 & 62.5%
Other State	1 & 12.5%	Other State University	1 & 12.5%
Other Countries	---	Other Countries	
Sl No	Name of staff from parent university	Name of staff from other state universities	Name of staff from other state
1	Dr.Shubhangi Amit	1.Dr.N.G.Toshniwal	1. Dr.Renuka.B
2	Dr.Nilesh Mote	2. Dr.Abhijit Misal 3. Dr.Rahul Baldawa 4. Dr.Vora	

37. Number of Faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-2011 onwards till this date): Nil

38. Present details of departmental infrastructural facilities with regard to:

A) Infrastructural facility (common to all departments)

a) library (dept.): No. of Collections Book/ Journal/ Project Report Central Library books and Journal belonging to our department (both print and e mode)	:	Total number of books-100 in dept with 38 main dissertations and 38 library dissertations. Central library - 826 books/ journals (14 titles (ANNEXURE X)
b) Internet facilities for staff and students	:	Centralized internet facility
c) Total number of class rooms , seminar halls/ demonstration rooms, auditorium with ICT (Exclusive & Inclusive)	:	Class rooms----- Demo rooms---01-- Seminar halls--01---- Auditorium-----
d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT(Exclusive &	:	01 seminar room





Inclusive)		
e) Students laboratories at the Department	:	01 UG lab 01 PG lab
f) Research Laboratories of the Dept.	:	--
g) Museum at the Department and no. of specimen, charts, Modules etc.	:	30 study models, typodonts ( ANNEXURE X)
h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test (1.0 lakh and above)	:	1. Implant kit Pro anchor 2. Biostar machine 3. Hydrosolder unit 4. Electrolytic polisher 5. Damen system ( ANNEXURE XI)

**B) Clinical learning resource data (as submitted by DCI)**

Number of PG unit : 02

Number of Specialty clinic : 1 (Orthodontic Specialty)

Electric Dental Chairs	Faculty	PG	UG
32	02	12	18

New OPD per Day : (Average) 28 for last 6 months

Old OPD per Day : ( Average ) 49 for last 6 months

Total OPD per Day ( new and old ) : ( Average) 77 for last 6 motns

Sharing and usage of the resources of other Departments (For Diagnosis and Research as well	:	1. Oral Medicine :OPG & lat ceph 2. CBCT centres 3. Radiology: CT scan & MRI 4. CCL: Blood and hormonal studies
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**39) No of doctoral post- doctoral students and Research Associates / PDF working – NA -**

**40) Number of students getting financial assistance from the university – All PGs get stipend RDC PIMS ( Deemed University)**

Two students got assistance form ICMR / Colgate Palmolive assistance of Rs. 75000/-

**41) Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:**

PhD programme in Orthodontics was started in 2014. There were no doctoral students and research associated need of hour to go for deepest research . Hence PhD programme was started.

**42) Does the department obtain Feedback from**

Sr No.	From	Yes/No	Feedback Manual / Digital	How the Feedback analysis is used for improvement.
1	Student	Yes	Manual / Digital	Details as below
2	Faculty	Yes	Manual / Digital	
3	Alumni / Parents / Employer	Yes	Manual / Digital	

1. The feedback analysis is taken manually / digitally from UG / PG /PhD Students every six monthly. The feedback form includes the method of teaching, details of the topic covered, and audiovisual media used for the same. The suggestions from the students are analyzed properly and improvement incorporated subsequently. The same points are re-assessed after 6 monthly and the improvements are noted accordingly.
2. The faculty feedback is also taken for assessment of academic progress of UG / PG / PhD students. It includes evaluation Performa for case discussion, seminars, journal clubs, library dissertation and final dissertation. The students' progress appraisal is discussed in monthly faculty meeting and accordingly academic and personal counseling is done.
3. The feedback Performa is also taken from the alumni for their personal and academic suggestion in development of the department. It includes the suggestion for new equipments, clinical material and faculty involvement in PG training program.
4. The feedback Performa from the parents (UG /PG students) is also utilized for the appropriate need in student's orientation, induction, mentoring, remedial counseling.



**43) List the distinguished alumni of the department : Name and Designation with address  
(UG Student or PG Student belonging to the subject)**

Sr.No.	Name & Designation	Details at the PIMS University & Year	Place of work of alumni
1	Dr.Shubhangi Amit	2002 PG batch	Professor, Dept Of Orthodontics, RDC, PIMS, Loni
2	Dr.Nilesh mote	2004 PG batch	Reader, Dept Of Orthodontics, RDC, PIMS, Loni
3	Dr.Manish Thadani	2002 PG batch	Reader, Dept Of Orthodontics, Mithrya dental college
4	Dr. Shilpa Shirwardkar	2003 PG batch	Reader, Dept Of Orthodontics, Sinhgad Dental college
5	Dr.Sameer Parhad	2005 PG batch	Reader, Dept Of Orthodontics, Parbhani Dental college
6	Dr.Kiran Deshpande	2005 PG batch	Reader, Dept Of Orthodontics, BVP Dental college, Mumbai
7	Dr. Nawal Bawaskar	2006 PG batch	Reader, Dept Of Orthodontics, Nair Dental college, Mumbai
8	Dr. Ketan vora	2006 PG batch	Reader, Dept Of Orthodontics, Sinhgad Dental college
9	Dr. Amit Ajmera	2008 PG batch	Reader, Dept Of Orthodontics, CSM Dental college, Aurangabad
10	Dr. Jaishree Mahajan	2011 PG batch	Senior Lecturer, Dept Of Orthodontics, Hingoli Dental college

**44) Give details of Student Enrichment Programme (Special Lectures / Training / Workshop / Seminar) involving internal and external expert during the last five years:**

The Department conducts series of Student Enrichment Programmes round the annual year.All the PG students are involved in organization as well participate in them. Data of permanent ones are tabulated here as under

Sr. No.	Event (SEP) UG+PG	No. Events	No. of Prominent	
			External Experts	Internal Experts
1	UG	05	06	05
2	PG	06	08	05

PG:

S.N.	Topic	Name of the Faculty		Date
		External Experts	Internal Experts	
1	Sleep Apnoea	Dr.Mrs.Bhad	Dr.N.G.Toshniwal Dr.Abhijit Misal	May 2011
2	TMJ disorders	Dr.G.Chandrashekar	Dr.N.G.Toshniwal Dr.Abhijit Misal	May 2012
3	Fixed Functional Appliances	Dr.N.R.Krishnaswamy Dr. Jayesh Rahalkar	Dr.Abhijit Misal Dr.Shubhangi Amit	May 2013
4	Functional Appliances	Dr. Mandwa Prasad Dr. Ranjit Kamble	Dr.N.G.Toshniwal Dr.Abhijit Misal	May 2014
5	Implants in Orthodontics	Dr. Ketan Vakil,	Dr.Abhijit Misal Dr.Shubhangi Amit	20 <sup>th</sup> May 2015
6	Current advances in Clinical Philosophy	Dr. M.Vyas	Dr. Rahul Baldawa Dr. Nilesh Mote	21 May 2015

UG:

S.N.	Topic	Name of the Faculty		Date
		External Experts	Internal Experts	
1	Space maintainers	Dr. Sameer Parhad	Dr. Shubhangi Dr. Nilesh	June 2011
2	Myofunctional therapy	Dr. Kamble	Dr.Rahul Baldawa Dr. Toshniwal	June 2012



3	Removable Appliances	Dr. Gulve	Dr. Misal Dr. Nilesh	June 2013
4	Habits	Dr. Ketan Vora	Dr. Rahul DR. Misal	June 2014
5	Adenoid facies and Pranayama and Orthodontics	Dr. Naval bavaskar,	Dr. Shubhangi Amit Dr. Misal	22 June 2015
6.	Fixed Appliances	Dr. Sameer Parhad	Dr. Toshniwal Dr. Nilesh	23 June 2016

**45) a) List the teaching methods adopted by the faculty for different programmes:**

Sr No.	For UG	A	B	C	D	E	For PG	A	B	C	D	E
		Yes	Yes	Yes	Yes	--		Yes	--	Yes	Yes	--

A: Traditional B: Blended C: ICT enabled D: Learning Centric Approach E: Beyond Curriculum Scholarly activities.

Besides the traditional teaching methodology the orthodontic training for UG /PG students includes the specific typhodont exercises to stimulate the orthodontic tooth movement. The imaging softwares are used in predictive orthodontics as a special teaching methodology. The teaching of bioengineering (biomechanics) is mandatory to PG and PhD students.

**b) Catering to Diverse need of the student (Orientation , Induction, Mentoring, Remedial, Counseling)**

**Orientation** of 1<sup>st</sup> year UG/PG students: the orientation lecture both for UG and PG student is taken on the very first day of course in the college auditorium / Class Room. The orientation of 1<sup>st</sup> year UG student is usually done by The Principal of the college. The orientation of 1<sup>st</sup> year PG student is usually done by respective Head Of The Department. The orientation includes the introduction of staff / institute / university to the student.

**Induction, Mentoring, Remedial, Counseling :** ( academic and personal) is done time to time for improving the self confidence of the student, the improvement of the academic career and the code of conduct of the particular course is monitored. It helps the below average students to improve their self confidence at par with the other student in remedial coaching. It is one to one interaction amongst the student and faculty for their personal need.

**46) How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Staff councilmeeting, Monthly discussions, Internal assessment Examinations, Mentors Reportand Review of feedback.

**47) Highlight the participation of students and faculty in extension activities: (Exclusive & Inclusive)**

**a) Involvement of student and faculty in various type of extension activity organized by the dept.**

Sr. No.	No. of Camps/Workshops/ Surveys/ Training/ Rallies/ Lectures/ Celebrations/ any other events.	Academic Year	No. of Beneficiaries
1.	Epidemiological survey: Prevalence of malocclusion in young population of Ahmednagar district by Dr. Prashant Mishra	2015	Young population of Ahmednagar district
2	Screening camp at Kopergaon attended by Dr.Renuka	2015	

**b) Our faculty is involved extension in health awareness programs organized by the college/University through lectures, rally, camps/training as HR/ Contributions**

Sr.No.	Programme	Venue	Topic	Date
1	Screening camp attended by Dr.Renuka	Kopergaon		2015

**48) Give details of "Beyond Syllabus scholarly activities" of the department :**

**Annual symposium/ workshops at the Dept/ University**

Sr. No	Name of the event	Date & year
1	Dentistry Reinforced : 3 <sup>rd</sup> Scientific Convention	2 <sup>nd</sup> -4 <sup>th</sup> March 2011



2	Anchorage in Orthodontics- Past, Present & Future : 7 <sup>th</sup> Annual symposium on Contemporary Orthodontics and Dentofacial Orthopedics	3 <sup>rd</sup> March 2011
3	Workshop on Nasoalveolar moulding	2 <sup>nd</sup> March 2011
4	8 <sup>th</sup> Annual Symposium on Contemporary Orthodontics & Dentofacial Orthopedics	11/11/2011
5	Dentistry in the new millennium : 4 <sup>th</sup> Scientific Convention	12 <sup>th</sup> to 14 <sup>th</sup> January 2012
6	Orthodontics in the new millennium : 9 <sup>th</sup> Annual symposium on Contemporary Orthodontics and Dentofacial Orthopedics	13 <sup>th</sup> and 14 <sup>th</sup> January 2012
7	Workshop on Management of medical emergencies in dental practice	6-7 <sup>th</sup> Sep 2012
8	Application of advanced imaging technology in dentistry : 10 <sup>th</sup> Annual symposium on Contemporary Orthodontics and Dentofacial Orthopedics	30 <sup>th</sup> Aug 2012
9	FDP: Colgate IDA Future dental professionals program	9 <sup>th</sup> Aug 2012
10	Excellence Through the Lens – Mastering Clinical Photography : 11 <sup>th</sup> Annual Symposium on Contemporary Orthodontics & Dentofacial Orthopedics	1 <sup>st</sup> July 2014
11	Sail to Sell...Redefining your dental practice : 12 <sup>th</sup> Annual Symposium on Contemporary Orthodontics & Dentofacial Orthopedics -	5 <sup>th</sup> September 2014
12	FDP: Implants in Orthodontics by Dr. Ketan Vakil, Prof & HOD , SMBT Sangamner	20 <sup>th</sup> May 2015
13	FDP: Current advances in Clinical Philosophy by Dr. M.Vyas , Prof & HOD, Triveni Dental college & hospital, Chattisgarh	21 May 2015
14	FDP: Adenoid facies and Pranayama and Orthodontics by Dr.naval bavaskar, Reader, Nair Dental College & Hospital, Mumbai	22 June 2015
15	Clinical Photography on the theme Capture Image – To Build Image: 13 <sup>th</sup> Annual Symposium on Contemporary Orthodontics & Dentofacial Orthopedics	14-15 <sup>th</sup> October 2015
16	14 <sup>th</sup> Annual Symposium on Contemporary Orthodontics & Dentofacial Orthopedics on Emerging Trends and Challenges in Clinical Orthodontics	6 <sup>th</sup> April 2016
17	Guest lecture on How to write Dissertation by Dr.Kishore Chougule	22 <sup>nd</sup> June 2016
18	Guest lecture on Functional Therapy : Past & Present by Dr.Tejasree Pradhan	22 <sup>nd</sup> June 2016

49) State whether the programme / Department is Accredited / Graded by other agencies? if yes , give details.  
: DCI and UGC

50) a) Brief highlight the contributions of the department in generating new knowledge, basic or applied (based on published research articles, paper, projects, books, patents, etc.

- Designing of innovative and cost effective appliances such as NTRDC intrusion arch, 3D RDC corrector, R appliance
- Use of pranayama and wind instruments and effect on musculature for correcting malocclusions
- Use of innovative non compliant interceptive approach for 3-dimensional class II defect in mixed dentition
- Removable and cost effective approach for single upper anterior tooth intrusion
- Essix retainer for both retention and habit breaking

b) Salient and unique feature of department

- To improve facial aesthetics by aligning malposed teeth & correcting jaw discrepancies by growth modulating appliances in growing children & planning for surgical correction in adults.
- Diagnosing & treating patients with Temporomandibular Dysfunction.
- Nasoalveolar Moulding in Neonates and treating cleft abnormalities.

c) Innovation of the department

- Transform the nature of dental education and practice in a way that will dramatically improve the way we serve our students, our patients and surrounding community



- Invent & deliver new appliances which are cost effective & easy to fabricate which can be used in the vast rural poor patients.
- Have an understanding of current research methodology, collection and interpretation of data, ability to conduct research on clinical and / or epidemiological aspects, a working knowledge on current databases, automated data retrieval systems, referencing and skills in writing scientific papers

**d) Best practices of the department**

- Problem based learning and Evidence Based solution for clinical orthodontics.
- To invent & deliver new appliances which are cost effective & easy to fabricate which can be used in the vast rural poor patients.
- To generate newer technologies in craniofacial growth modulation in the form of hybrid function appliances and the headgear modification

**51: Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department : (Important or major ones) in bullet form**

**Strength**

1. Good amount of clinical material for the students
2. Good clinical infrastructure
3. Good library and database resources
4. Trained, experienced & dedicated teaching staff
5. Availability of research and clinical equipments
6. University provides various research incentives to carry out research projects and publications
7. More patient inflow gives wide exposure to all type of malocclusion.

**Weaknesses**

1. Lack of speciality set up for lingual, Self ligating orthodontics
2. Lack of recent imaging systems for diagnosis and treatment planning of patients such as dolphin imaging system
3. Lack of sponsored projects

**Opportunities**

1. To spread more awareness about malocclusion among the rural population
2. To spread awareness among the patients about preventive and interceptive orthodontics

**Challenges**

1. Financial constraints of rural poor that restrict them from taking the treatment
2. Constant monitoring of treatment process for number of years.
3. Frequent breakages of costly appliance and loosing of the appliances.

**52) Future plan**

**1) Courses:**

1. Increase in P.G.(M.D.S.) seats from 4 to 6 years.
2. Starting of diploma course in Orthodontics(D.ortho).
3. Expansion of PhD programme and research work.
4. Certificate course in Dentofacial orthopedics, Microimplant anchorage, Advanced Digital technique in clinical orthodontics, Adult orthodontics, Legal issues in clinical orthodontics, Marketing and management in clinical orthodontic, Evidence based orthodontics, Invisalign orthodontics and Interdisciplinary orthodontics.

**2) Academic Activities:**

- Need based exercise activity Introduction of progress reports for U.G. and P.G
- Enrichment in clinical training with variety of new appliances/ technological advancement.
- Need to design appliance which are cost effective, efficient and can be fabricated easily.

**3) Publications:**

- Each P.G./Ph D student will go for publication in Pub med journal before his final examination.
- Each faculty will publish at least 2 papers in Pub med/university journal as a first author in each academic year.

- 4) **Patents:** The innovative diagnostic and technology details will be applied for patent.

**5) Extension Achievements-**

- Dept. will encourage and enhance present extension activities like school camps /diagnostic surveys/awareness programs in adults.

- 6) **Collaboration-** Dept. plan to form the collaboration with





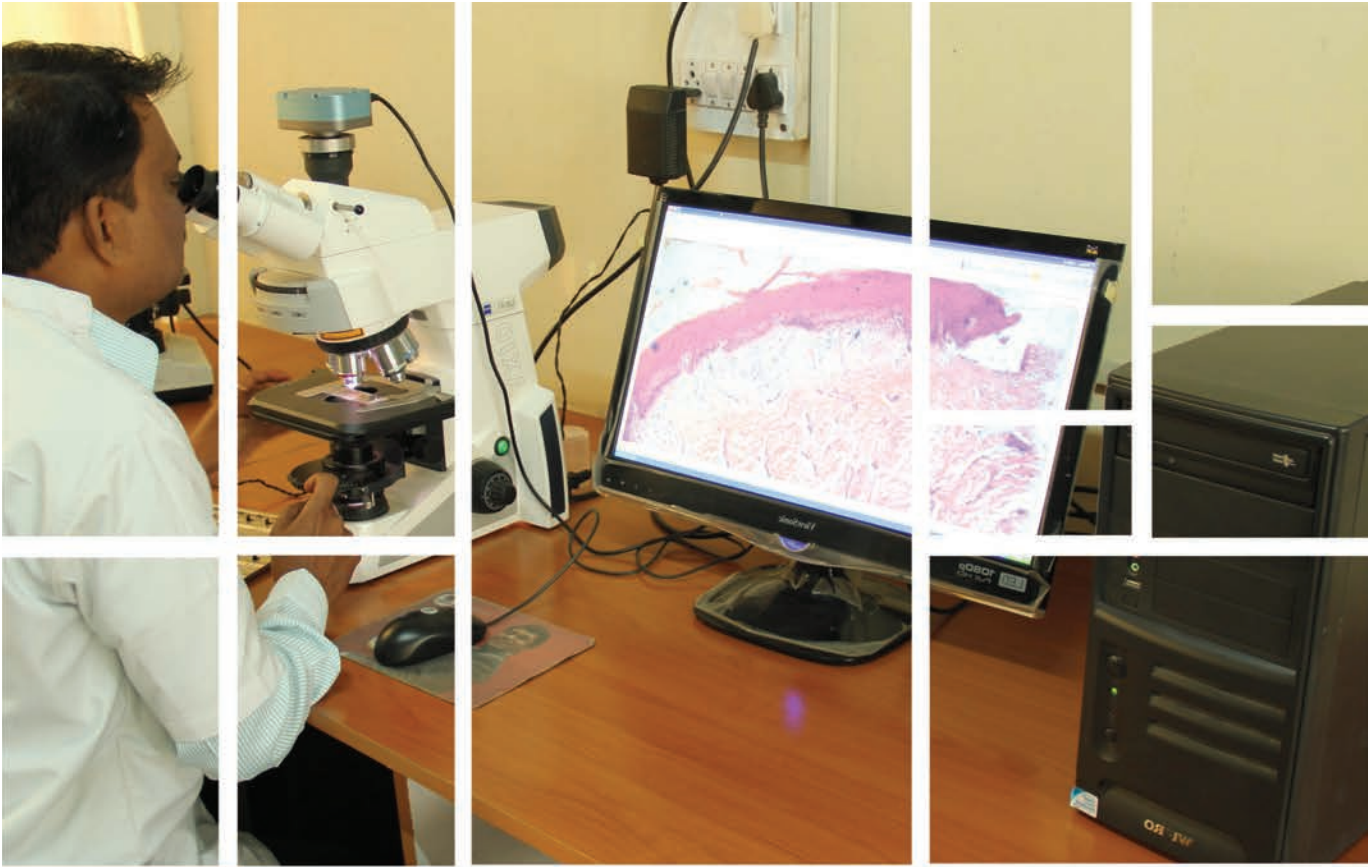
- Smile train program for CLCP management.
  - Craniofacial trauma lecture for orthognathic intervention.
  - Collaboration with IDA and IOS to conduct the CDE/Zonal/National/P.G. conventions and conference.
  - Collaboration to Bio-tech institutes for the research projects in genetics and molecular biology sciences.
  - Collaboration to ENT Dept./medical school for the diagnosis and T/t protocols for the obstructive nasal/pharyngeal airway.
- 7) **Student Support Activity.**
- U.G.-** 1)Additional teaching for the average/below average students.  
2) Additional clinical/technical tests for students to show improvements.  
3)Detail demonstration of clinical procedure repetition of the same if needed along with standard operating procedure (SOP).
- P.G.-** 1) SOP understanding/following the same.  
2)Need assessment exercise for technical and practical training  
3) Supportive measures for research activities(manpower, university finance,etc)
- PhD-** 1) Innovative research ideas applicable to the poorest of poor, remotest of remote beneficial for health care services  
2)Original research and its clinical implications.
- 8) **Grievances, enrichment awareness and protection.**
- Staff meeting
  - Observation for the student pshychological, social and personal behavior.
- 9) **Welfare, clinical resources strategy of dept.**
- Improvement in clinical resources/material by mass awareness of Orthodontics in social/public sector.

----Sd/---

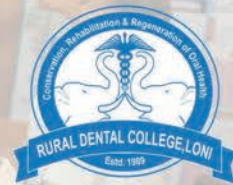
**Name & Signature  
(Head of the Dept.)**

----Sd/---

**Name & Signature  
Principal of the College**



## Department of Oral Pathology & Microbiology



**Rural Dental College**  
**Pravara Institute of Medical Sciences**  
**(Deemed University)**





**Pravara Institute of Medical Sciences (Deemed University)**

**Institution: Rural Dental College**

**Departmental Evaluative Report**

**Based on the date of 5 years :2010-11 to 2015-16**

1.	<i>Name of the Department</i>		:	<b>Oral Pathology &amp; Microbiology</b>							
2.	<i>Year of establishment</i>		:	1989							
3.	<i>Is the Department part of a School/Faculty of the university?</i>		:	Faculty of Dentistry, Rural Dental College, Constituent College of Pravara Institute Medical Sciences							
4.	<i>a) Names of programmes offered</i>			:	<b>As on this day</b>						
	Prog.	Name of the Prog. Year of Establishment	Year of Establish ment	Intake per year	Fresh enrollment for academic year			Current Total Student Strength of the Dept. (of all year I,II,III etc			
	UG	DADH & Oral Patho	1989	100	100			300			
	PG	Oral Patho & Micro	2008	02	02			02			
	Total	02	--	--	--			--			
	<i>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</i>										
	Name of Subject	Total Hours of Teaching – Learning			No. of Papers & Practical to be Taught			Marks for University exam			
		Th	Pra	Total	Pap	Pra	Oth	Pa	Pra	Viva	Total
UG	DADH (1 Year)	120	180	300	--	--	80	100	20	--	200
	Oral Path (2 Years)	106	240	390	--	--	80	100	20	--	200
PG	--	--	--	--	4	--	--	300	200	100	600
	<i>c) Latest revision of curriculum/ syllabus in ----- Year and their salient features.</i> -As per 2007 DCI norms, curriculum/Syllabus is followed. Recently curriculum/Syllabus has not been revised										
	<i>d) Contribution of faculty to curriculum design and Development (CDD) as</i>										
	i) Member / chairman BOS/ Faculty/ BOE at parent university and other universities. Member of academic council: Dr. Meena Kulkarni Chairman of BOS: Dr. Meena Kulkarni Members of BOS: 1.Dr. Atul Nikam 2.Dr Pratibha Gore										
	ii) Organization of CDD workshops at the Dept / University										
	iii) Participation in curriculum design and development workshops at university/Department -In Board of studies meetings and - In Dept. meetings										
5.	<i>Interdisciplinary programmes offered by the Department and department involved</i>										
	Name of Programs offered by our department			Involved Departments							
				Within the institute				Of the other institute			
				Oral & Maxillofacial Surgery and Oral diagnosis				Gen.Pathology & Microbiology ,Gen Anatomy, Gen physiology, oncology, forensic medicine, CCL, Animal house of RMC.			
	<i>Nature of involvement:</i> Attending case discussions ,clinico- pathological conferences, CME and CDE, guest lectures										
6.	<i>Courses in collaboration with other universities, industries, foreign institution etc</i>			-----							
7.	<i>Details of programs discontinued, if any with reasons</i>			-----							
8.	<i>Examination System</i>			Annual							
9.	<i>Participation of the department in the courses offered by other departments</i>			The Faculty and Students of Dept. take active participation in CDE programs/workshops							



	conducted by other departments							
10.	<i>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</i>							
	<b>(a) Teachers</b>							
	<b>S.N.</b>	<b>Required as per MCI/DCI/ INC/ UGC / Other Statutory bodies</b>			<b>Actual Faculty Strength (Recruited or filled)</b>			
			<b>Male</b>	<b>Female</b>	<b>Total</b>			
	<i>i</i>	Professor		01	01			
	<i>ii</i>	Associate Professor Reader	01	01	02			
	<i>iii</i>	Assistant Professor Lecturer	01	03	04			
	<b>Sub Total( I to iii)</b>							
	<i>iv</i>	Demonstrator	-	-	-			
	<i>v</i>	Tutor	-	-	-			
	<i>vi</i>	Senior Resident	-	-	-			
	<i>vii</i>	Junior Resident	-	-	-			
	<b>Sub Total( iv to vii)</b>							
	<b>Grant Total ( i to vii)</b>							
			02	05	07			
	<b>(b)</b>							
	<b>Qualification Profile of Teachers</b>							
		<i>M</i>	<i>F</i>	<i>Total</i>				
<b>With P.G. Degree Only</b>		02	02	04				
<b>With higher qualification than PG (Ph.D/D.Sc.)</b>		-	-	-				
<b>Other Higher Qualification (MRCP/PRCP/DM.M.Ch. etc.)</b>		-	-	-				
<b>Teachers Pursuing Higher Degrees</b>		-	-	-				
11	<i>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</i>							
	<b>a) Faculty (as UG/PG teachers) (Internal):</b>							
	<b>Sr.No</b>	<b>Name of Teaching Staff</b>	<b>Qualification</b>	<b>Designation</b>	<b>Area of Specialization</b>	<b>Teaching Experience in Years</b>	<b>No. of PG Students</b>	
							<b>Guiding</b>	<b>Guided</b>
	1	Dr. Meena Kulkarni	MDS	Prof	O-Path	23years	-	19
	2	Dr. Atul Nikam	MDS	Reader	O-Path	6 years	-	-
	3	Dr. Bhagyashri Latti	MDS	Sr. Lect	O-Path	3years	-	-
	4	Dr. Sanjay Thete	MDS	Sr. Lect	O-Path	New joining 25/05/2016	-	-
	<b>(b) Faculty of the Department as Ph.D. Guides (Internal as well as External) (as on this day)</b>							
	<b>Sr. No</b>	<b>Name of the Ph.D. Guide</b>	<b>External or Internal</b>		<b>No. of Ph.D. Students of University</b>			
				<b>Guiding</b>	<b>Guided &amp; Awarded</b>			
1.	Dr. Meena Kulkarni	Internal		-	-			
12	<i>List of senior Visiting Fellows, adjunct faculty, emeritus professors : (as on this day) : NIL</i>							
13	<i>Percentage of classes taken by temporary faculty programme wise information</i>						:	NIL
14	<i>Programme wise Teacher Student Ratio</i>				:	<i>Teacher Student Ratio</i>		
	<b>Programme</b>							
	<b>UG</b>					1:25		
	<b>PG</b>					1:2		
<b>Ph.D.</b>					-			
15	<i>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</i>							
	<b>Sr.</b>	<b>Staff</b>	<b>Name of the Post</b>	<b>Required as per</b>		<b>Filled / Actual</b>		





No.			statutory Bodies						
				M	F	Total			
1	Administrative			-	-	-			
2	Technical			-	02	02			
3	Support			02	-	02			
	Total			02	02	04			
<b>16</b>	<b>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</b>								
	1. Oral premalignant lesions & conditions. 2. Oral Cancer 3. Developmental anomalies 4. Salivary gland diseases. 5. Immunohistochemistry 6. Biomarkers								
<b>17</b>	<b>Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise : (For the last 5 Years)</b>								
	<i>Abstract of projects</i>								
	<b>Total 10 Projects (2 Ongoing + 8 completed) All sponsored by PIMS-DU / RDC</b>								
	<i>The details of projects are as follows:</i>								
	<b>a) Ongoing Projects of Faculty (as on this day)</b>								
	1. Dr. Meena Kulkarni, Dr. Atul Nikam: Assessment of prevalence, patterns & practices of tobacco use in rahata taluka: an epidemiological study (Sept 2014 to sept 2016) 2. Dr. Meena Kulkarni, Dr. Pratibha Gore: Assessment of prevalence of squamous cell carcinoma in rahata taluka (Sept 2014 to sept 2016)								
	<b>b) Completed Projects of the faculty (last 5 Years)</b>								
	1. A study of histologic subtypes of oral squamous cell carcinoma (2011-2012) 2. Estimation of age using parameter as cementum thickness (2011-2012) 3. Study of lip prints (2011-2012) 4. To study the changes in palatine rugae pattern during various orthodontic treatment (2011-2012) 5. Knowledge awareness & practices in relation to potentially malignant disorder of oral cavity in a rural area of roster Maharashtra (2011-2012) 6. Histopathological study and correlation between invasive tumor grading and clinical staging of oral squamous cell carcinoma (2011-2012) 7. Assessment of prevalence of orofacial cysts in rahata taluka (2012-2013) 8. Significance of palatine rugae in forensic dental sciences (August, 2012 – 31 <sup>st</sup> July, 2013)								
<b>18.</b>	<b>Inter- institutional collaborative projects of faculty &amp; associated grants received (including clinical trials) excluding those included a Sr. No.16) (For the last 5 Years) (as on this day) :NIL</b>								
<b>19</b>	<b>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)</b>								
		<b>Research Projects under taken by</b>	<b>Data as given under sl. No. of DER</b>	<b>Total Projects</b>	<b>On going</b>	<b>Completed</b>	<b>Amount Received</b>		<b>Total Rs Lakhs</b>
							<b>On</b>	<b>Completed</b>	
	(a)	The faculty (at the Dept.) Funded by Self or Department or University	17	10	02	08	-	-	-
	(c)	UG student STS ICMR Projects	28	02	--	02	-	-	-
		<b>Total</b>		12	02	10	-	-	-
<b>20.</b>	<b>(a) Research Facility / Center and recognition by state / National / International agencies.(as on this day)</b>								
	<b>In the department (Details of facilities)</b>			Well-equipped histopathology lab; Facility for forensic					





	<b>in brief)</b>	odontology procedures; Research microscope with phase contrast, polarizing, fluorescent, dark field microscope; Image analysis software
	<b>In other department (Details of facilities by the department) used by us.</b>	For biochemical / serological investigations - Central clinical lab and for immunohistochemistry- general pathology lab in Rural Medical college are used; Steriomicroscope - Department of Prothodontics provide facility of this microscope.
	<b>In other college (Details of facilities used by us)</b>	Center for Biotechnology, Rural Medical College, Engineering College
	<b>At central level (Details of facilities used by us)</b>	NIL
21.	<i>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization of any.</i>	NIL
22.	<i>Publication data of last 5 years</i> <i>Publications in peer reviews journals and conference proceeding (ISSN)</i>	<i>National: 31, International: 18</i> <i>Total: 49</i>
	<i>Publication in Non-Peer reviewed Journals / conference proceeding )</i>	NIL
	<i>No. of Monographs (ISBN/NON ISBN)</i>	: -
	<i>No. of Books Published (ISBN/NON ISBN)</i>	: 02
	<i>No. of Edited Books (ISBN/NON ISBN)</i>	: -
	<i>No. of chapters in Books with details of publishers (ISBN/NON ISBN)</i>	: -
	<i>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.)</i>	
	<i>Research publication included and listed in international database are -----Out of total publication.</i>	
	<i>No. of Citation Index – range / average</i>	: 71+58+2= 131 71 - 2 ; 43
	<i>SNIP</i>	: --
	<i>SJR</i>	: --
	<i>Impact Factor- range/average</i>	: --
	<i>h-index</i>	: 07
23.	<i>Details of patents filed / granted and income generated (5 Years data)</i>	: N.A
24.	<i>Areas of consultancy and income generated(5 Years data)</i>	: the department provides consultancy (biopsy reporting, clinic-pathological diagnosis and for forensic odontology) to other institutions, private dental practioners this facility is extended free of cost
25	<i>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data): NA</i>	
	<i>-----No. of faculty were selected to visit L/I/I in India and abroad. (Laboratories, Institutions, Industries)The details are as follows :</i>	
	Department faculty visits other institutions in India to conduct examinations, inspections, to deliver guest lecture etc.	
	a) Dr. Meena Kulkarni – Guest Lecture delivered – Oct 2013 – 5 <sup>th</sup> Scientific convention,Rural Dental Collge, Loni	
	b) Dr. Meena Kulkarni- Conducted slide seminar in Oral Pathology – Dec. 2011 – Sangamner Dental College.	
	c) Dr. Meena Kulkarni- Guest Lecture – Dec 2013 –MSDC, Nashik	



26.	<b>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data) - NIL</b>					
	<b>(a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data)</b>					
		Total No. of Faculty	National level		Others level	
	Membership	03	03		03	
	Honor	01	01		01	
<b>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data)</b> Dr. Meena Kulkarni – Pravara Medical Review						
27.	<b>Faculty recharging strategies (UGC, ASC/ MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)</b>					
	Sr. No	Type of the Programme	No. of FDPs participated			Total
			College Level	State / University Level	National Level	
	1	Orientation/Refresher/MET/CM E	-	02	-	02
	2	Workshop/Seminar/ Symposium/ conferences	07	10	04	21
3	FDPs (guest lecture, training, CM, CPC, etc.)	-	03	-	03	
28.	<b>Students Projects:</b> The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)					
	<ul style="list-style-type: none"> <li>• UG Projects: Completed – 02 (UG ICMR Project</li> <li>• PG Projects: Completed – 05</li> <li>• PG Dissertations: Completed – 08</li> </ul>					
	<b>Percentage of students who have done in house projects including inter departmental project</b>					: 100%
	<b>Percentage of students doing projects in collaboration with other universities/industry/institute</b>					: --
<b>Details of PG dissertations are given in the annexure</b>					: --	
29.	<b>a) Research Awards/recognitions received at the national and international level (5 Years data): NIL</b>					
	<b>b) General awards of faculty and students (other than Research, for teaching extension, social service)</b>					
	1. Dr.Pratibha Gore: won the second prize at 52nd Maharashtra state dental conference, Nasik -2013, for the paper presented titled: To study the palatine rugae pattern during the various orthodontics treatments.					
	2. Dr. Muzamil Ashraf: won the third prize at 52nd maharashtra state dental conference, Nasik -2013,for the paper presented titled: Cheiloscopy					
<b>(i) For Academic (Teaching) service for faculty (5 Years data) - NIL</b>						
<b>(ii) General Awards to Faculties &amp; Student for Social service / Extension activities. (5 Years data) - NIL</b>						
30.	<b>a) Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data):NIL</b>					
	<b>1) Publication of Abstract of the S/S/C/W -----</b>					
	<b>2) Publication of peer reviewed ISSN/ISBN numbered / proceedings of S/S/C/W .-----</b>					
b)	<b>Note : Reports on details of S/S/C/W and External Resource person, delegates attended and Proceedings etc.</b>					
	Sr. No	Name of the Event S/S/C/W/FDP (CM, CME, CPC, GL, )	No. of Resource Person /Experts		No. of Delegates	Date and Year
			Internal	External		
1	CDE & Hands on – “foren -o-path”-- forensic odontology and oral pathology. RDC, Loni.	Dr. Meena Kulkarni Dr Atul Nikam	Dr. A. Acharya	40	19 <sup>th</sup> May 2014	



	2	Slide seminar in oral pathology	Dr. Meena Kulkarni	Dr. S. Kheur Dr. S. Patanker	180	19 <sup>th</sup> May 2014
	3	Avenues after B.D. S. Education and career counselling programme for denists.	Dr. Meena Kulkarni Dr Atul Nikam	Dr. V. Karad Dr. Gavande	320	5 <sup>th</sup> Feb 2016
<b>31.</b>	<b>Code of ethics for research followed by the departments</b>		:	All research projects are sent for approval to Institutional Ethical Committee, Directorate of Research, PIMS, Loni		
<b>32.</b>	<b>Student Profile programme-wise</b>		:			
a) PG Programme Name of the Programme :						
Academic Year		No. of Application Received for PG CET	CET Pass %	No of Students Selected through CET		
				M	F	T
2010-11		126	82.04	14	08	22
2011-12		191	84.53	14	08	22
2012-13		90	87.35	12	06	18
2013-14		89	78.48	07	12	19
2014-15		86	82.14	05	12	17
2015-16						
No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year						
Academic Year of Outgoing batch		No. of Students			% of Pass student with	
		Appeared	Pass	Pass %	I <sup>st</sup> Class	I <sup>st</sup> Class with D
2011-12		02	02	100	Nil	Nil
2012-13		02	02	100	Nil	Nil
2013-14		02	02	100	Nil	Nil
2014-15		02	02	100	Nil	Nil
2015-16						
<b>b) UG Students Name of the subject and course</b>						
Academic Year		No. of Application Received	CET Pass %	No of Students Selected for UG Course		
				M	F	T
2010-11		-----	-----	-----	-----	----
2011-12		2257	68.42	25	75	---
2012-13		3568	66.85	27	73	----
2013-14		2913	70.21	14	86	-----
2014-15		2496	65.76	21	79	----
2015-16		2778	64.09	23	77	-----
<b>Results of University examination for the subject taught by the Department (Eg. Anatomy, Physiology etc.)</b>						
Name of the Subject	Academic Year (For Outgoing Batch)		Total Students Appeared	No of Students passed	Pass % of Dept. Subject	
Dental Anatomy & Histology	2011	2012	Jun2011- 98; Dec 2011- 26	88; 24	89.79%; 92.30%	
	2012	2013	Jun 2012-108; Dec 2012-29	106; 24	98.14%; 82.75%	
	2013	2014	Jun 2013- 105; Dec 2013-11	101; 10	96.19%; 90.90%	
	2014	2015	Jun 2014-101; Dec 2014-21	99; 21	98.01%; 100%	
	2015	2016	Jun 2015-106,			
IIIrd BDS Oral Pathology	2011	2012	Jun 2011- 69; Dec 2011-40	63; 35	91.30%; 87.5%	
	2012	2013	June2012-86; Dec 2012-33	86; 31	100%; 93.93%	
	2013	2014	jun 2013-70; Dec 2013-34	70; 33	100%; 97.05%	
	2014	2015	Jun 2014-108; Dec 2014-42	101; 40	93.51%; 95.23%	
	2015	2016	June2015-91	89	98.30	



33.	<b>Diversity of Students : a) PG Programme: MDS</b>			
	Year	No. and % of students from other universities within the state		No. and % of students from Universities outside the state
	2010-11	50		50
	2011-12	100		-
	2012-13	50		50
	2013-14	0		-
	2014-15	0		-
	2015-16	0		-
	<b>b) UG Programme: BDS</b>			
	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state
2010-2011	100	97	03	
2011-2012	100	98	02	
2012-2013	100	1	-	
2013-2014	100	91	03	
2014-2015	100	100	-	
2014-2015	100	100	-	
34	<b>How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.)</b>			
35.	<b>Student progression:</b>		<b>: Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)</b>	
	Student Progression		% against enrolled	
	I	UG – PG Studies	20%	
		PG - SS	-	
		PG – Ph. D.	-	
		UG to employment	-	
		PG to employment	50%	
	UG / PG to Entrepreneur	50%		
36.	<b>Diversity of Staff as on this day</b>			
	<b>Number and % Diversity of Staff ( as on this day ) belonging to</b>		<b>% Staff who have obtained PG Degree from</b>	
	<b>Same State/UT</b>	<b>No. &amp; % 3 &amp; 75%</b>	Parent University	<b>No. 2 &amp;...50...%</b>
	<b>Outside State/UT</b>	<b>No 1. &amp; 25 %</b>	Other Universities of the State	<b>No 2. &amp;...50...%</b>
	<b>Other States</b>	<b>No. &amp; % NIL</b>	Other State University	<b>NIL No. &amp;.....%</b>
	<b>Other Countries</b>	<b>No. &amp; % NIL</b>	Other Countries	<b>NIL No. &amp;.....%</b>
37	<b>Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) :</b> NIL			
38.	<b>Present details of departmental infrastructural facilities with regard to :</b>			
	<b>A) Infrastructural facility (Common to all departments)</b>			
	<b>a) Library (dept): No. of Collections Book/Journal/ Project Report</b>		<b>:</b>	
	<b>Central Library books and Journal belonging to our department (both print and e mode)</b>		Department library – No. of books 91; No. of titles 71 b) Central library – no of books 323; no of titles 116; journals - 12(international - 03 national - 09) Online journal access available	
<b>b) Internet facilities for staff and students</b>		<b>:</b>		
Available (3 Computers with internet facility)				
<b>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive &amp;</b>		<b>:</b>		
Class Rooms----03--Demo Rooms-01----- Seminar Halls-----01---				



	<i>Inclusive)</i>		Auditorium-----01		
	<i>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive)</i>	:	4 Classrooms are shared with other departments which are equipped with LCD projector, wifi- connection, SKYPE & Video conferencing for student teaching.		
	<i>e) Students laboratories at the Department</i>	:	Yes , with seating capacity for 100 students		
	<i>f) Research Laboratories of the Dept.</i>		Yes, Laboratories for Histopathology, Hematology, Immunohistochemistry, Microbiology, Forensic Odontology techniques are available		
	<i>g) Museum at the Department and no. of specimen, charts, Modules etc.</i>	:	Specimens – 30 Charts – 40		
	<i>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)</i>	:	<ul style="list-style-type: none"> <li>• Automatic tissue processor,</li> <li>• Penta head Microscope</li> <li>• Research microscope</li> <li>• Binocular microscopes</li> <li>• Monocular microscopes</li> <li>• Semiautomatic microtome</li> <li>• Rotary microtome</li> <li style="padding-left: 40px;">Dental chairs</li> </ul>		
<b>B) Clinical learning resource data (as submitted to MCI / DCI / INC / Others / UGC)</b>					
		<b>OPD</b>	<b>Biopsy</b>	<b>Cytology</b>	<b>Haematology</b>
	2011	3143	391	783	1104
	2012	1850	316	823	1356
	2013	2148	448	1659	2503
	2014	689	400	1716	2564
	2015	4030	318	1426	2839
<b>C) Para clinical learning resource (CCL Radiology &amp; Departmental Diagnostic Lab) Data &amp; Report : Details on Sophisticated diagnostic equipments and facilities , No. of diagnostic tests (Average per day and annual)</b>					
	<b>D) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well</b>	:	CCL, Gen Pathology lab		
39.	<b>No. of doctoral post- doctoral students and Research Associates / PDF working</b>	:	NIL		
40	<b>(a) Number of students getting financial assistance from the university</b> Institute provides monthly stipend to all the post graduate students and interns. Students are provided with schlorships				
	<b>PG and Ph.D. Students getting assistance from the University: All PG students are gating stipend from PIMS-DU</b>				
41.	<b>Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :</b> Yes, after asesement of need MDS course has been started				
42.	<b>Does the department obtain feedback from</b>				
	Sr.No.	From	Yes/No	Feedback Manual / Digital	How the feedback analysis is used for improvement
	1	Student	yes	both	Yes, based on the analysis changes are recommended to the university.
	2	Faculty	yes	both	
	3	Alumni / Parents/ Employer	yes	both	





43.	<b>List the distinguished alumni of the department (Maximum 10) ( UG student or PG Student belonging to the subject)</b>			
	Sr. No.	Name & Designation	Details at the PIMS University & Year	Place of work of alumni
	1	Dr. B. Latti	M.D.S. 2012	RDC, Loni
	2	Dr. S. Deshpande	M.D.S. 2012	Private practioner
	3	Dr. Pallavi S.	M.D.S. 2013	Private practioner
	4	Dr. Anju	M.D.S. 2013	Private practioner
	5	Dr. Pratibha Gore	M.D.S. 2014	Dental college , Ahmednagar
	6	Dr. S. Sabnis	M.D.S. 2014	Dental college , Ahmednagar
	7	Dr. Sanjay Thete	M.D.S.2015	RDC, Loni
8	Dr. Muzamil	M.D.S. 2015	Private practioner	
44.	<b>Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</b>			
	<b>The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under</b>			
	1)CDE & Hands on foren -o- path forensic odontology and oral pathology 19 May 2014			
	2)CDE programme conducted on “Avenues after BDS” on 5 th feb 2016			
	Sr. No.	Event (SEP) UG + PG	No. Events	No. of Prominent
1	CDE & Hands on foren -o- path forensic odontology	1	Dr. Ashith Acharya	
2	Importance of oral pathology in dentistry	1	Dr. Sangeeta Patsnkar	
3	Slide seminar	1	Dr. Supriya Kheur	
4	CDE program “Avenues after	1	Dr Madhuri Gavande, Dr V Karad	
(Details given in annexure)				
45.	<b>a) List the teaching methods adopted by the faculty for different programmes:</b>			
	A: Traditional B: Blended C: ICT enabled D: Learning Centric Approach E: Beyond Curriculum Scholarly activities. <ul style="list-style-type: none"> <li>• PowerPoint presentations used for lectures</li> <li>• Use of models, charts and specimen for teaching</li> <li>• Group discussions and question answer sessions held</li> <li>• Students are encouraged to give seminars and presentations</li> <li>• Display of histopathological slides and diagrams for better understanding</li> <li>• Step by step demonstration and evaluation of tooth carving</li> <li>• Postgraduate students are encouraged to take up research projects</li> <li>• Regular grossing and histopathological reporting by the postgraduate students which is monitored by the faculty</li> <li>• Postgraduate students are encouraged in interdepartmental activities such as clinico-path case presentation.</li> </ul>			
46.	<b>b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling, )</b>			
	<ul style="list-style-type: none"> <li>• Orientation lecture for I BDS students.</li> <li>• Mentors are allotted to students of I, II, III year BDS. Mentors are faculty members only.</li> <li>• Remedial Classes are conducted for below average students regularly.</li> </ul>			
46.	<b>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?</b>			
	<ul style="list-style-type: none"> <li>• Learning outcome for the undergraduate students is monitored by quarterly internal assessment examinations, in addition viva voce is also held periodically</li> <li>• Postgraduate students are subjected to periodic examinations and case discussions to monitor their progress.</li> <li>• Review of Feedback collected from students.</li> </ul>			



	<ul style="list-style-type: none"> <li>Staff meetings are held in department regularly.</li> </ul>																										
47.	<p><b>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive)</b></p> <p>a) <b>Involvement of student and faculty in various type of extension activity organized by the dept.</b></p> <table border="1"> <tr> <th>Sr. No.</th> <th>No. of Camps/Workshops/ Surveys/Training/Rallies/Lectures/Celebrations/ any other events.</th> <th>Academic Year</th> </tr> <tr> <td>1.</td> <td>Assessment of prevalence, patterns &amp; practices of tobacco use in rahata taluka: an epidemiological study</td> <td>2012-2013</td> </tr> </table> <p>b) <b>Our faculty is involved extension in health awareness programs organized by the college / University through lectures, rally, camps/ training. as HR / Contributions</b></p> <table border="1"> <thead> <tr> <th>Sr.No.</th> <th>Programme</th> <th>Venue</th> <th>Topic</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Routine Check-up Camp</td> <td>Lingdeo</td> <td>Dental check-up</td> <td>27-03-2014</td> </tr> <tr> <td>2</td> <td>Routine Check-up Camp</td> <td>Tilkanagar</td> <td>Dental check-up</td> <td>04-12-2014</td> </tr> <tr> <td>3</td> <td>Routine Check-up Camp</td> <td>Dahanukar School</td> <td>Dental check-up</td> <td>06-12-2014</td> </tr> </tbody> </table>	Sr. No.	No. of Camps/Workshops/ Surveys/Training/Rallies/Lectures/Celebrations/ any other events.	Academic Year	1.	Assessment of prevalence, patterns & practices of tobacco use in rahata taluka: an epidemiological study	2012-2013	Sr.No.	Programme	Venue	Topic	Date	1	Routine Check-up Camp	Lingdeo	Dental check-up	27-03-2014	2	Routine Check-up Camp	Tilkanagar	Dental check-up	04-12-2014	3	Routine Check-up Camp	Dahanukar School	Dental check-up	06-12-2014
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3	Routine Check-up Camp	Dahanukar School	Dental check-up	06-12-2014																							
48.	<p><b>Give details of "beyond syllabus scholarly activities" of the department :</b></p> <p>Department has conducted 2 CDE programmes. Staff of the department, students attend CDEs, conferences, seminars, faculty development programmes</p>																										
49.	<p><b>State whether the programme / department is accredited / graded by other agencies? If yes, give details</b></p>																										
50.	<p>a) <b>Brief highlight the contributions of the department in generating new knowledge, basic or applied ( based on published research articles, paper, projects, books, Patents etc.</b></p> <p>b) <b>Salient and unique feature of Department.</b></p> <ul style="list-style-type: none"> <li>Well-equipped histopathology laboratory &amp; research laboratory.</li> <li>Separate section for UG, PG students are made.</li> <li>Department has good flow of histopathological samples with trained technical staff.</li> </ul> <p>c) <b>Innovation of the Department.</b></p> <ul style="list-style-type: none"> <li>Collection of rare oral lesion samples.</li> </ul> <p>d) <b>Best practice of the Department</b></p> <p>cytological investigations</p> <ul style="list-style-type: none"> <li>microbiological investigations</li> <li>histopathological slide reporting</li> <li>hematological investigations</li> <li>serological and immunological investigations</li> <li>Wall magazine</li> </ul>																										
51.	<p><b>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department : (Important or major ones) in bullet form.</b></p> <p><b>Strength</b></p> <ul style="list-style-type: none"> <li>Well equipped histopathological and hematological laboratories Good OPD</li> <li>Online access to scientific journals and availability of good number of titles.</li> <li>Access to medical departments and laboratories which helps to provide clinical and diagnostic exposure to the students and faculty</li> <li>Students take up numerous research activities under the guidance of department staff.</li> </ul> <p><b>Weaknesses</b></p> <ul style="list-style-type: none"> <li>Direct communication with the patient is not always possible thus clinic-pathological correlation is hampered.</li> <li>Since the subject is perceived as non-clinical, the interest for postgraduate studies is on decline.</li> <li>Once the histopathological reporting is done there is lack of patient follow-up.</li> </ul> <p><b>Opportunities</b></p> <ul style="list-style-type: none"> <li>-Opportunity for scientific presentation in the National and International conferences.</li> <li>Research projects can be undertaken in the department, due to well equipped laboratories.</li> <li>There is opportunity for faculty and students to participate in various workshops and training programmes conducted by the university</li> <li>Large number of patient related archival material is available in the department; this can help to conduct retrospective analytical studies.</li> <li>Collaborations with external institutes and laboratories ensure</li> </ul>																										



	<ul style="list-style-type: none"><li>• good quality research work.</li></ul> <p><b>Challenges</b></p> <ul style="list-style-type: none"><li>• Motivation of undergraduate students to take up the subject for higher studies</li><li>• To establish a protocol with the clinical departments to obtain clinical information about the patient.</li><li>• To motivate the postgraduate students to take up higher studies</li><li>• To spread awareness among faculties of other departments and private practitioners about the significance of hematological and histopathological investigations before treatment is administered.</li><li>• To increase the research avenues and opportunities in the department.</li></ul>
52.	<p><b>Future Plan</b></p> <ul style="list-style-type: none"><li>• To upgrade the clinical pathology laboratory to perform advance haematological and serological investigations.</li><li>• To set up an Immunohistopathology lab. .</li><li>• To start oral and precancerous lesion registry in the department for determining its prevalence.</li><li>• To increase the research avenues and opportunities in the department.</li></ul>

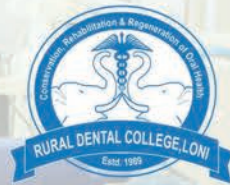
--Sd/---  
**Name & Signature**  
**(Head of the Dept.)**

---Sd/---  
**Name & Signature**  
**Principal of the College**





## Department of Public Health Dentistry



**Rural Dental College**  
**Pravara Institute of Medical Sciences**  
**(Deemed University)**







**Pravara Institute of Medical Sciences (Deemed University)  
Institution: RURAL DENTAL COLLEGE LONI  
DEPARTMENT OF PUBLIC HEALTH DENTISTRY  
Departmental Evaluative Report  
Based on the date of 5 years :2010-11 to 2015-16**

1.	<i>Name of the Department</i>		:	<b>Public Health Dentistry</b>		
2.	<i>Year of establishment</i>		:	1989		
3.	<i>Is the Department part of a School/Faculty of the university?</i>		:	YES RURAL DENTAL COLLEGE, PIMS DU, LONI		
4.	<i>a) Names of programmes offered</i>		:	<b>As on this day</b>		
	Program	Name of the Program Year of Establishment	Year of Establishment	Intake per year	Fresh enrollment for academic year	Current Total Student Strength of the Dept. (of all year I,II,III etc
	UG	B.D.S Year 1989	1989	100	100	III BDS-101 IV BDS-100 Total- 201
	<i>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</i>					
	<ul style="list-style-type: none"> <li>Theory 60 hours + Practical = 350 Total hours</li> <li>One Theory, One Practical, Viva – 200 Marks</li> </ul>					
	<i>c) Latest revision of curriculum/ syllabus in -2007 Year and their salient features.</i>					
	Syllabus followed as per DCI guidelines. 5 yr BDS course, Internship excluded, Introduction of subjects like behavioral sciences, ethics, esthetic dentistry & implantology Increased emphasis on community dentistry. <b>2008:</b> Again duration of BDS course was made of 4 years + 1 year compulsory rotatory internship.					
	<i>d) Contribution of faculty to curriculum design and Development (CDD) as</i>					
	<b>i) Member / chairman BOS/ Faculty/ BOE at parent university and other universities.</b>					
	a) Board of Studies---- Dr Abhijit Hoshing (Member Board of Studies)					
	<b>ii) Organization of CDD workshops at the Dept / University</b>					
	MET workshop conducted by PIMS University & attended by all the faculty members of dept Research Methodology workshop conducted by faculty of PIMS					
5.	<i>Interdisciplinary programmes offered by the Department and department involved Camp cases with Comprehensive dental care needs requiring multi-disciplinary approach for consultation, diagnosis, &amp; treatment planning Under Graduate &amp; Faculty Research Projects in collaboration with other departments</i>					
	<i>Nature of involvement:</i> Monthly interdisciplinary meets are conducted to discuss cases of the month and suggestions invited by all the Departments at various aspects of management.					
6.	<i>Courses in collaboration with other universities, industries, foreign institution etc</i>			Erasmus Mundus Programme, Student & Faculty exchange programme		
7.	<i>Details of programs discontinued, if any with reasons</i>			None were discontinued		
8.	<i>Examination System</i>			Annual		
9.	<i>Participation of the department in the courses offered by other departments</i>			Yes, Students & Staff from the department actively participate in the courses conducted by other departments		
10.	<i>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</i>					
	<i>(a) Teachers</i>					
	<i>S.N.</i>	<i>Required as per MCI/DCI/ INC/ UGC / Other Statutory bodies</i>		<i>Actual Faculty Strength (Recruited or filled)</i>		
		As per DCI		<i>Male</i>	<i>Female</i>	<i>Total</i>
	<b>I</b>	Professor	Nil	01	00	01
	<b>II</b>	Associate Professor Reader	Nil	--	--	--
	<b>III</b>	Assistant Professor Lecturer	01	--	--	--
	<i>Sub Total( I to iii)</i>					



	<b>IV</b>	Demonstrator	--	--	--					
	<b>V</b>	Tutor	05	03	04	07				
	<b>VI</b>	Senior Resident	--	--	--	--				
	<b>VII</b>	Junior Resident	--	--	--	--				
	<b>Sub Total( iv to vii)</b>									
	<b>Grant Total ( i to vii)</b>		04	04	08					
	<i>(b)</i>									
	<b>Qualification Profile of Teachers</b>		<i>M</i>	<i>F</i>	<i>Total</i>					
	<b>With P.G. Degree Only</b>		01	00	01					
<b>11</b>	<b>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</b>									
	<b>a) Faculty (as UG/PG teachers) (Internal):</b>									
	Sr.No	Name of Teaching Staff	Qualification	Designation	Area of Specialization	Teaching Experience in Years	No. of PG Students			
							Guiding    Guided			
	01)	Dr.Abhijit Hoshing	M.D.S	Professor & H.O.D	Public Health Dentistry	16 Years	--    --			
	02)	Dr.Dhirajkumar Umbare	B.D.S	Tutor	B.D.S	4 Years 11 Months	--    --			
	03)	Dr.Namrata Sadawarte	B.D.S	Tutor	B.D.S	2 Years	--    --			
	04)	Dr.Vastala Singh	B.D.S	Tutor	B.D.S	1 & Half Year	--    --			
	05)	Dr.Rahul Deokar	B.D.S	Tutor	B.D.S	Half Year	--    --			
	06)	Dr.Priyanka Shingavi	B.D.S	Tutor	B.D.S	Half Year	--    --			
	<b>(b) Faculty of the Department as Ph.D. Guides (Internal as well as External) (as on this day) -----Nil-----</b>									
<b>12</b>	<b>List of senior Visiting Fellows, adjunct faculty, emeritus professors : (as on this day) -----Nil-----</b>									
<b>13</b>	<b>Percentage of classes taken by temporary faculty programme wise information</b>						: Nil			
<b>14</b>	<b>Programme wise Teacher Student Ratio</b>			:	<b>Teacher Student Ratio</b>					
	<b>Programme</b>				2011	2012	2013	2014	2015	2016
	<b>UG</b>				3:100	2:100	3:100	4:100	2:100	2:100
	<b>PG</b>				PG Course Not Started					
<b>15</b>	<b>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</b>									
	Sr. No.	Staff	Name of the Post	Required as per statutory Bodies	Filled / Actual					
					M	F	Total			
	1	Administrative	Clerk	1	None	None	00			
	2	Technical	Dental Hygienist	1	00	01	01			
	3	Support	Nursing	2	----	01	01			
		Total	02	4	00	02	02			
<b>16</b>	<b>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</b>									
	<ul style="list-style-type: none"> <li>➤ Research at rural level for tobacco related habits</li> <li>➤ Estimation of fluoride levels in underground water in rahata Taluka</li> <li>➤ To Advocate Oral hygiene awareness among rural people</li> <li>➤ Estimation of periodontal &amp; caries disease prevalence among rural people</li> </ul>									
<b>17</b>	<b>Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise : (For the last 5 Years)</b>									



No. Funded by	Project	No. of ongoing projects (a)	No. Completed Projects (b)	Total Projects (a+b)	Funds received in lakhs Total			
					00	01	41,250/-	
University and Dept.		02	04	06	00	01	41,250/-	
<p><i>The details of projects are as follows:</i></p> <p><b>a) Ongoing Projects of Faculty (as on this day)</b></p>								
01)	Dr.Abhijit Hoshing(PI), Dr.Vinay Vadvadgi(Co-PI) <b>Oral Hygiene Practices Smoking Habits &amp; Self Perceived, Oral Malodor among Dental Student</b> -Dept Of Public Health Dentistry-(Since 6 months)							
02)	Dr.Abhijit Hoshing(PI), Dr.Vinay Vadvadgi(Co-PI) <b>To evaluate the Role of Tobacco consumption in Tooth Loss</b> -Dept Of Public Health Dentistry-(Since 6 months)							
<p><b>b) Completed Projects of the faculty ( last 5 Years) – All funded by PIMS-DU</b></p>								
01)	Dr Vishaka Patil(PI) A Dr.Abhijit Hoshing(Co-PI) A New Era In Dentifrices.; PIMS Funded - 06 Months							
02)	Dr Anita Munde(PI), Dr Meena Kulkarni (CO-PI), Dr Vinay Vadvadgi (Co-PI), Dr Atul Nikam (Co- PI) Assessment of Prevalence, Patterns & Practices of Tobacco use in Rahata Taluka A Survey (2014-15) .;PIMS, DU Loni ;41,250/- ;06 Months							
03)	Dr Abhijit Hoshing (PI), Dr Anand Hiremath (Co-PI), Dr Vinay Vadvadgi (Co-PI) Oral Hygiene Practices In Dental Students.PIMS, DU Loni;PIMS Funded;06 Months							
04)	Dr Abhijit Hoshing (PI) Dr Vinay Vadvadgi(Co-PI) Prevalence of Dental Diseases In Rural Masses ;PIMS, DU Loni;Self Funded;03 Years 06 Months							
<p><b>Note :- Do not include inter institutional collaborative research project / clinical trials at sl.No. 17. They must be included at Sl.No. 18 only</b></p>								
19	<b>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)</b>							
	Research Projects under taken by	Data as given under sl. No. of DER	Total Projects	On going	Completed	Amount Received		Total Rs Lakhs
						On	Completed	
(a)	Funded by Self or Department or University	17	06	02	04	--	-----	-----
	<b>Total</b>		06	02	04	00	00	00
20.	<b>(a) Research Facility / Center and recognition by state / National / International agenesis.(as on this day)</b>							
	<b>In the department (Details of facilities in brief)</b>			Very good Patient exposure and availability of clinical materials. Equipment like RVG, Endomotor, Portable X Ray Machine, Apex Locater, & Electric Pulp Tester are available				
	<b>In other department (Details of facilities by the department) used by us.</b>			Faculty & PG support from other department mainly Periodontology, Pedodontics, conservative & Oral Surgery for Treatment Camps at Rural level				
	<b>In other college ( Details of facilities used by us)</b>			Dental Mobile Van Facilities for Engineering college & PIRENS college CCL Lab, (Biochemistry lab, Microbiology & Pathology)				
	<b>At central level ( Details of facilities used by us)</b>			Technical Support, Manpower, Infrastructure & Encouragement from management for conducting				



		the Diagnostic & Treatment camps with free distribution of medicines for rural community in & around Loni
21.	<i>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization of any.</i>	Not Applicable
22.	<i>Publication data of last 5 years Publications in peer reviews journals and conference proceeding (ISSN)</i>	<i>National -----01---- International----00--- Total---- 01</i>
	<i>No. of Monographs (ISBN/NON ISBN)</i>	: -----
	<i>No. of Books Published (ISBN/NON ISBN)</i>	: -----
	<i>No. of Edited Books (ISBN/NON ISBN)</i>	: -----
	<i>No. of chapters in Books with details of publishers (ISBN/NON ISBN)</i>	: -----
	<i>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.)</i>	
	<i>Research publication included and listed in international database are -----Out of total publication.</i>	
	<i>No. of Citation Index – range / average</i>	: :
	<i>SNIP</i>	: :
	<i>SJR</i>	: :
	<i>Impact Factor- range/average</i>	: :
	<i>h-index</i>	: :
23.	<i>Details of patents filed / granted and income generated (5 Years data)</i>	: Nil
24.	<i>Areas of consultancy and income generated(5 Years data)</i>	: Honorary & Reciprocity Consultancy provided Revenue in the Department is Generated mainly through the registration fees of delegates for CDE's and workshops & through the Bright Smiles Bright Future Programme through National Oral Health Programme by IDA
25	<i>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data)---- Nil</i>	
26	<i>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data)</i> Peer Reviewer :Journal of Indian Association of Public Health Dentistry (jiaphd)	
27.	<i>Faculty recharging strategies (UGC, ASC/ MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data):</i> Being a UG Dept. it join other. Departmental FDPS.	
28.	<i>Students Projects: Nil</i>	
30.	<i>Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data) :</i> 3 University level conventions organised sponsored by Department RDC, PIMS.	
	01	6 <sup>th</sup> Student Scientific convention – (6 external resource persons and 420 delegates) organised on - 24 <sup>th</sup> to 26 <sup>th</sup> November 2014.
	02	Interns Orientation Programme - (2 external resource persons and 86 delegates) organised on - 3 <sup>rd</sup> Sept. 2015
	03	5 <sup>th</sup> CDE on Perio Rejuvenation - (1 external resource persons and 325 delegates) organised on - 4 <sup>th</sup> Sept. 2015
31.	<i>Code of ethics for research followed by the departments</i>	: Every Research project Must have to pass through the institutional Ethical Board for approval and is strictly followed.



32.	<b>Student Profile programme-wise</b>					
<b>b) UG Students Name of the subject and course: For Entire BDS Programme</b>						
	Academic Year	No. of Application Received	CET Pass %	No of Students Selected for UG Course		
				M	F	T
	2011-12	2257	68.42%	25	75	100
	2012-13	3568	66.85%	27	73	100
	2013-14	2913	70.21%	14	86	100
	2014-15	2496	65.76%	21	79	100
	2015-16	2778	64.09%	23	77	100
<b>Results of University examination for the subject taught by the Department- Public Health Dentistry</b>						
	Name of the Subject	Academic Year (For Outgoing Batch)	Total Students Appeared	No of Students passed	Pass % of Dept. Subject	
	Public Health Dentistry	2010	2011			
	Public Health Dentistry	2011	2012	99	85	85.85%
	Public Health Dentistry	2012	2013	60	58	96.66%
	Public Health Dentistry	2013	2014	65	58	89.23%
	Public Health Dentistry	2014	2015	90	81	90.00%%
33.	<b>Diversity of Students : b) UG Programme</b>					
	Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries
	BDS	2010-11	100	97	03	-----
	BDS	2011-12	100	98	02	-----
	BDS	2012-13	100	01	--	-----
	BDS	2013-14	100	91	03	-----
	BDS	2014-15	100	100	--	-----
	BDS	2015-16	100	100	--	-----
34	<b>How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.)-Nil</b>					
35.	<b>Student progression:</b>			<b>Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)</b>		
	Student Progression			% against enrolled		
	I	UG – PG Studies		11		
		UG to employment		Campus selection – off Campus selection		
36.	<b>Diversity of Staff as on this day</b>					
	<b>Number and % Diversity of Staff ( as on this day ) belonging to</b>			<b>% Staff who have obtained PG Degree from</b>		
	<b>Same State/UT</b>	<b>No. 00 &amp; 00 %</b>		Parent University	<b>No. 00&amp;.....%</b>	
				Other Universities of the State	<b>No. 00 &amp;.....%</b>	
	<b>Outside State/UT</b>	<b>No.01 &amp; 100%</b>		Other State University	<b>No.01 &amp;.....100....%</b>	
	<b>Other States</b>	<b>No. &amp; %</b>		Other Countries	<b>No. 00&amp;.....%</b>	
	<b>Other Countries</b>	<b>No. &amp; %</b>				
37	<b>Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) :</b>					
	None					





38.	<b>Present details of departmental infrastructural facilities with regard to :</b>		
<b>A) Infrastructural facility (Common to all departments)</b>			
<b>a) Library (dept): No. of Collections Book/Journal/Project Report</b>		:	Total <b>125</b> Books In Departmental Library which has a vast collection of topics related to Public Health dentistry as well as General Dentistry, & Project of Students as Seminar <b>86</b> , plus Library Dissertation by UG students <b>18 (LD)</b>
<b>Central Library books and Journal belonging to our department (both print and e mode)</b>		:	Total Books In Central Library <b>368</b> related to Public Health Dentistry & Basic Subjects
		:	Total <b>6</b> Journals out of which <b>5</b> Foreign Journals & <b>1</b> Indian Journal related to Public Health Dentistry
<b>b) Internet facilities for staff and students:</b> ECMC RDC provides internet facility for students and Staff. Library has computer section with internet facility & as well as <b>Digital Software</b> by Elsevier consisting of <b>Dental</b> as well as <b>Medical</b> Basic Subjects Virtual Lectures on Vast Topics Provision of Wi-Fi in total campus			
<b>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive &amp; Inclusive) :</b> Class Rooms—05, Demo Rooms---02, Seminar Halls----08, Auditorium-----02			
<b>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive)</b>		:	Total Class Room with LCD Facility are 05 Lecture Halls,& Total Auditorium with ICT facility 03
<b>e) Students laboratories at the Department</b>		:	----
<b>f) Research Laboratories of the Dept.</b>		:	----
<b>g) Museum at the Department and no. of specimen, charts, Modules etc.</b>		:	01 Oral Surgery & Oral Pathology Specimens, Various Study Models, Students Submitted Educational Aids in the form of Posters & Models on various topics related to Dental & General Health (Details of charts & models Annexure attached)
<b>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)</b>		:	List 24 major ones
<b>B) Clinical learning resource data (as submitted to DCI)</b>			
<b>(a) Dental Chairs</b>		<b>(b)UG Clinics</b>	<b>(c) Special Clinics(General Dentistry Unit)</b>
21		02	01
<b>(k) Patient's Feedback</b>		<b>(l) GHP / GLP / SOPs</b>	<b>(m) Submission of Compliance /Follow-up Reports to National /State Agencies</b>
√		√	√
<b>C) Para clinical learning resource (CCL Radiology &amp; Departmental Diagnostic Lab) Data &amp; Report : Details on Sophisticated diagnostic equipments and facilities , No. of diagnostic tests (Average per day and annual)</b>			
<b>D) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well</b>		:	Resources from all the departments of RDC and also from various departments of RMC are routinely utilized based on the need.
41.	<b>Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :</b> <b>Not Applicable</b>		



42.	<b>Does the department obtain feedback from</b>																			
Sr. No.	From	Yes / No	Feedback Manual / Digital	How the feedback analysis is used for improvement																
1	Student	Yes	Manual & Digital	To modify teaching methods so as to suit the needs of the students. Application of new teaching methods to bring students up to date with latest knowledge																
2	Faculty	Yes	Manual & Digital	--																
3	Alumni / Parents / Employer	--	--	--																
44.	<p><b>Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</b></p> <p><b>The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under</b></p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Event (SEP) UG + PG (U.G)</th> <th>No. Events</th> <th>No. of Prominent External Experts</th> </tr> </thead> <tbody> <tr> <td>01)</td> <td>6<sup>th</sup> Student Scientific convention</td> <td>01</td> <td>Total 06 Speakers Dr P D Joshi, Dr Santosh Ravindran, Dr Rajeev Chitguppi, Dr Rajiv Verma, Dr Vijay Deshmukh, Dr Sharat Shetty</td> </tr> <tr> <td>02)</td> <td>Interns Orientation Programme</td> <td>01</td> <td>02 Dr Rajeev Chitguppi,</td> </tr> <tr> <td>03)</td> <td>5<sup>th</sup> CDE on Perio Rejuvenation</td> <td>01</td> <td>01 Dr Rajeev Chitguppi</td> </tr> </tbody> </table> <p>(Details given in annexure)</p>				Sr. No.	Event (SEP) UG + PG (U.G)	No. Events	No. of Prominent External Experts	01)	6 <sup>th</sup> Student Scientific convention	01	Total 06 Speakers Dr P D Joshi, Dr Santosh Ravindran, Dr Rajeev Chitguppi, Dr Rajiv Verma, Dr Vijay Deshmukh, Dr Sharat Shetty	02)	Interns Orientation Programme	01	02 Dr Rajeev Chitguppi,	03)	5 <sup>th</sup> CDE on Perio Rejuvenation	01	01 Dr Rajeev Chitguppi
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45.	<p><b>a) List the teaching methods adopted by the faculty for different programmes:</b></p> <p>A: Traditional B: Blended C: ICT enabled D: Learning Centric Approach E: Beyond Curriculum Scholarly activities.</p> <p>Black Board Teaching, LCD Oriented with Power Point Presentation, Discussion with pre allotted topic related to Public Health Dentistry , Demonstration of Indices Recording in Clinics on patients, Public Communication &amp; Treatment Planning of Community Based in Dental Health Check Up &amp; Treatment Camps, By Guiding Students with various projects related work like Seminar &amp; Library Dissertation &amp; Epidemiological Related Short Study &amp; <b>Digital Software</b> by <b>Elsevier</b> consisting of <b>Dental</b> as well as <b>Medical</b> Basic Subjects Virtual Lectures on Vast Topics with demonstration of each procedure &amp; technique</p> <p><b>b) Catering to Diverse need of the student</b> (Orientation , Induction, mentoring, Remedial Counseling, )By Conducting Regular Orientation Programme for UG Students &amp; Interns for every batch</p>																			
46.	<p><b>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?</b></p> <p><b>-By Observing the Conducts of students in Dental Camps.</b></p> <p><b>-Regular conduction of student's assessments involving oral &amp; written interactions.</b></p> <ul style="list-style-type: none"> <li>➤ <b>Preparation of study models &amp; seminar activities. These are parameters use for judging the caliber of the students.</b></li> <li>➤ <b>Through Feedbacks,</b></li> <li>➤ <b>Through Regular assessment tests</b></li> <li>➤ <b>Through discussion</b></li> </ul>																			
47.	<p><b>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive)</b></p> <p><b>e) Involvement of student and faculty in various type of extension activity organized by the dept.</b></p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>No. of Camps/Workshops/ Surveys/Training/Rallies/Lectures/Celebrations/ any other events.</th> <th>Academic Year</th> <th>No. of Beneficiaries</th> </tr> </thead> <tbody> <tr> <td>01)</td> <td><b>Total Dental Camps In A Year 58</b> Which includes Dental Diagnostic &amp; Treatment Camps, School Health Education &amp; Treatment Camps, Camps Conducted for <b>Specially</b></td> <td><b>2011</b></td> <td><b>6255</b></td> </tr> </tbody> </table>				Sr. No.	No. of Camps/Workshops/ Surveys/Training/Rallies/Lectures/Celebrations/ any other events.	Academic Year	No. of Beneficiaries	01)	<b>Total Dental Camps In A Year 58</b> Which includes Dental Diagnostic & Treatment Camps, School Health Education & Treatment Camps, Camps Conducted for <b>Specially</b>	<b>2011</b>	<b>6255</b>								
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		<b>Challenged Patients which includes Deaf, Dum, &amp; Blind patients and also rural tribal patients.</b> Camps with school children involving distribution of Oral Hygiene Pack with almost <b>58 schools</b> covered in & around Loni (All ZP Primary school, All Pravara schools, All Ashram schools & All Physically Challenged schools in and around Loni)				
	02)	<b>Total Dental Camps In A Year 24</b> Which includes all Diagnostic & Treatment Camps		<b>2012</b>		<b>5626</b>
	03)	<b>Total Dental Camps In A Year 46</b> Which includes all Diagnostic & Treatment Camps		<b>2013</b>		<b>6169</b>
	04)	<b>Total Dental Camps In A Year 36</b> Which includes all Diagnostic & Treatment Camps		<b>2014</b>		<b>6987</b>
	05)	<b>Total Dental Camps In A Year 53</b> Which includes all Diagnostic & Treatment Camps		<b>2015</b>		<b>7611</b>
	f) <i>Our faculty is involved extension in health awareness programs organized by the college / University through lectures, rally, camps/training. as HR / Contributions</i>					
	Sr. No.	Programme	Venue	Topic	Date	
	01)	<b>World Women Day Celebrated at School</b>	Ahmednagar (School Camp)	World Women Day	08/03/2011	
	02)	<b>World Dentist Day Celebrated at Little Flower School</b>	Little Flower School Loni	On Awareness regarding Oral Hygiene & Dental Health	06/03/2015	
	03)	<b>Oral Hygiene Day Celebrated at Tribal Village Bhandardara</b>	Bhandardara,Shendi( Tal:-Akole,Dist:- Ahmednagar)	Oral Hygiene Day	01/08/2013	
	04)	<b>World Dentist Day</b>	Little Flower School Loni	World Dentist Day	06/03/2016	
	05)	<b>World Oral Health Day Celebrated at Shendi Tribal Village</b>	Primary Health Centre,Bhandardara, Shendi(Ahmednagar)	World Oral Health Day	20/03/2016	
<b>48.</b>	<i>Give details of “beyond syllabus scholarly activities” of the department :</i> <ul style="list-style-type: none"> <li>➤ Encourage the students to participate in skill development programmes</li> <li>➤ Encourage students to carry-on STR studies</li> <li>➤ Guest Lecture on Oral Hygiene Awareness for school children’s by Dr Abhijit Hoshing on World Oral Health Day</li> <li>➤ Guest Lecture on Tobacco Ill Effects by Dr Prashant Viragi on No Tobacco Day</li> <li>➤ Lecture on Ill Effects of Tobacco Consumption in Hello Doctor Programme Dr Rahul Deokar</li> <li>➤ Lecture &amp; live health talk given by Dr Rupali Pohare on Gingival Diseases on Namaste Doctor programme</li> </ul>					
<b>49.</b>	<i>State whether the programme / department is accredited / graded by other agencies? If yes, give details YES (NAAC) In 2011 B Grade</i>					



50.	<p><b>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied ( based on published research articles, paper, projects, books, Patents etc.</b></p> <p>Staff and UG students are encouraged to carry-on research studies to update current knowledge.          Students were encouraged to participate in Scientific presentations at various levels of CDE programs.          National Oral Health Programme involving school children under Bright Smiles &amp; Bright Future for Oral Hygiene Awareness has been taken consecutively for 3 years &amp; we have covered almost more than 100 schools in &amp; around Loni          Vertical Integration of UG programs excellence in dental education through well designed student &amp; faculty feedback integration of outreach Public Health Dentistry programs into mainstream academics &amp; regular CDE programs</p> <p>Awareness about pictorial warnings on tobacco products among out patients visiting a dental college          Needle stick injuries</p> <p><b>b) Salient and unique feature of Department.</b></p> <p>Department is situated on third floor and possess all the required amenities as per DCI norms. Separate sections for UG students are made and General Dentistry Unit is functioning for all kinds of emergency patient care          The dept has very good OPD to meet the training requirements of students and excellent support from management makes it possible to meet every training needs.          Adopted schools &amp; Villages in and around Loni for Dental health Screening &amp; Treatment programme.          Adopted Blind school in Loni for Dental health &amp; treatment care programme.          Adopted Primary Health Centre Zarekathi once in a month as per DCI for all Dental related problems &amp; their treatment          Implementation of Dental &amp; Public Health practices of the highest standard with passion to care for the <u>underserved</u>          To be a centre of excellence in dental education, research, oral health care training its students to be professionally competent &amp; compassionate health care providers</p> <p><b>c) Innovation of the Department.</b></p> <p>Developed Unique Software Application by <b>UG students &amp; named as Virtual Dentist</b> for School children's as well as for general public in community regarding Oral Health Awareness &amp; common dental problems in English &amp; Marathi language.          Various Innovative steps in the areas of curriculum enrichment &amp; patient care have been initiated by integrated seminars involving presentations on different aspects of topics by UG students</p> <p><b>d) Best practice of the Department</b></p> <p>Regularly conducting CDE programs &amp; Hands on Workshops &amp; as well as guest lecturers          TOT recommended and encouraged          Regular School Dental Health programs conducted for teachers &amp; parents where they are trained for preventive measures for common oral diseases &amp; trained to spread the message of proper maintenance of Oral Health          Special children are treated free of any cost and every support is made available from Dept and Management.          Students are encouraged to participate in skill development programs with multidisciplinary concepts.          The college also organizes regular dental screening &amp; treatment camp at Taluka hospitals, ZP Primary Schools, Deaf &amp; Dumb schools, HIV affected kids at the orphanage school, police stations, primary health centers, Health checkup &amp; school health surveys organized by the college &amp; local civic authority, this helps in sensitizing the student to the oral health care needs of the community &amp; inculcating empathy for the <b>suffering masses</b></p>		
51.	<p><b>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department: (Important or major ones) in bullet form. SWOC</b></p> <table border="1" data-bbox="305 1770 1412 1961"> <tr> <td data-bbox="305 1770 553 1961">Strength</td> <td data-bbox="561 1770 1412 1961"> <ul style="list-style-type: none"> <li>● Suitable location of the college in rural area with easy access to centre for all kinds of oral problems</li> <li>● Adequate infrastructure &amp; resources in terms of logistics, finance &amp; space</li> <li>● Multi-Disciplinary Treatment approach(General Dentistry Department)</li> <li>● Excellent Outreached Programmes with fully equipped mobile dental van</li> <li>● Health care provided at Satellite Center's free of cost</li> </ul> </td> </tr> </table>	Strength	<ul style="list-style-type: none"> <li>● Suitable location of the college in rural area with easy access to centre for all kinds of oral problems</li> <li>● Adequate infrastructure &amp; resources in terms of logistics, finance &amp; space</li> <li>● Multi-Disciplinary Treatment approach(General Dentistry Department)</li> <li>● Excellent Outreached Programmes with fully equipped mobile dental van</li> <li>● Health care provided at Satellite Center's free of cost</li> </ul>
Strength	<ul style="list-style-type: none"> <li>● Suitable location of the college in rural area with easy access to centre for all kinds of oral problems</li> <li>● Adequate infrastructure &amp; resources in terms of logistics, finance &amp; space</li> <li>● Multi-Disciplinary Treatment approach(General Dentistry Department)</li> <li>● Excellent Outreached Programmes with fully equipped mobile dental van</li> <li>● Health care provided at Satellite Center's free of cost</li> </ul>		



		<ul style="list-style-type: none"> <li>• Ours is an institution with postgraduate in eight dental specialties and hence can provide a holistic care</li> </ul>
	Weaknesses	<ul style="list-style-type: none"> <li>• Accessibility to certain rural areas is limited due to difficult geographical settings</li> <li>• Our department is yet to start postgraduate programme</li> </ul>
	Opportunities	<ul style="list-style-type: none"> <li>• To expand the treatment modalities for patients in General Dentistry Department</li> <li>• To start P.G intake in the Dept. Of Public Health Dentistry</li> <li>• Upgrading Mobile Dental Clinic with 2 Dental chairs</li> <li>• To start the certificate courses in Public Health Dentistry</li> <li>• To conduct more research at rural level for the benefit of rural patients</li> <li>• Efforts need to be taken to improve the flow of Camp referral patients</li> <li>• Multi-Disciplinary involvement in outreach programme needs to be upgraded</li> <li>• The process for setting up the department Oral Health Counseling room &amp; Tobacco cessation clinic</li> </ul>
	Challenges	<ul style="list-style-type: none"> <li>• Weaning students off internet based information for project work &amp; promoting genuine research</li> <li>• Eliminating language barrier amongst students</li> <li>• To increase the flow of patients examine in camps to this institution</li> <li>• To improve Awareness regarding Oral cancer in Rural Patients</li> <li>• To estimate the levels of Fluoride in Loni &amp; Surrounding areas.</li> <li>• All students cannot communicate in Native language</li> <li>• Oral Health is not a priority among the rural masses, its challenge to create and instill awareness among the population to use the Free Dental</li> </ul>
52.	<p><b>Future Plan</b></p> <p><b>Curricular Aspects</b></p> <ol style="list-style-type: none"> <li>1 To Start Post Graduation in the subject of Public Health Dentistry</li> <li>2 To Conduct State level workshop on Research Methodology in Public Health Dentistry</li> <li>3 To Conduct University level students UG convention</li> <li>4 To conduct continuing Dental Education programs for Under Graduate students on various dental public health measures</li> </ol> <p><b>Teaching, Learning and Evaluation</b></p> <ol style="list-style-type: none"> <li>1 To equip the department with research materials.</li> <li>2 Increase educational/teaching study models</li> <li>3 To start Oral Surgery procedures in General Dentistry</li> </ol> <p><b>Research, Consultancy and Extension</b></p> <ol style="list-style-type: none"> <li>1 To start tobacco counseling centre</li> <li>2 To start health education centre in the department</li> <li>3 To Initiate UG ICMR Projects</li> <li>4 To Conduct survey to access Prevalence of Common Dental Diseases &amp; Fluorosis in water levels</li> <li>5 To conduct research at rural level in association with WHO</li> </ol> <p><b>Infrastructure and Learning Resources</b></p> <ol style="list-style-type: none"> <li>1 To procure Mobile Dental Van with 2 Dental Chairs</li> <li>2 To establish a bigger and more informative dental museum.</li> <li>3 To start a tobacco counseling training centre at PIMS</li> <li>4 To establish the department as an important source related to dental public health and research information.</li> </ol> <p><b>Student Support and Progression</b></p> <ol style="list-style-type: none"> <li>1 Strengthening tutor-ward system</li> <li>2 To consolidate remedial &amp; bridge courses</li> <li>3 To encourage students for nation al &amp; international projects</li> <li>4 Strengthening tutor-ward system</li> <li>5 To consolidate remedial &amp; bridge courses</li> </ol> <p><b>Governance and Leadership</b></p> <ol style="list-style-type: none"> <li>1 Increase intradepartmental activities/meetings.</li> </ol>	





2 To have a complete record of dental diseases among the local Population.

**Innovative Practices**

1 To educate the traditional healers of the tribal areas of the District.

2 To introduce the training the trainers programme.

3 To conduct a dental exhibition to the rural population.

4 To take up preventive programmes among the schools of Loni.

5 To take up preventive programmes among the general Population of Loni.

[It includes courses, academic activities, TLE, R&D , Publications, Patents, extension, Collaboration, Student Support, grievances, enrichment awareness & protection, Welfare, clinical resource, intra learning resource, Strategy of Department etc.]

---Sd/---

**Name & Signature  
(Head of the Dept.)**

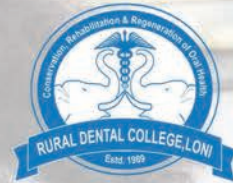
---Sd/---

**Name & Signature  
Principal of the College**





## Department of Pedodontics & Preventive Dentistry



**Rural Dental College**  
**Pravara Institute of Medical Sciences**  
**(Deemed University)**





**Pravara Institute of Medical Sciences (Deemed University)  
Institution: RURAL DENTAL COLLEGE LONI  
Departmental Evaluative Report  
Based on the date of 5 years :2010-11 to 2015-16**

1.	<i>Name of the Department</i>		:	<b>Pedodontics And Preventive Dentistry</b>									
2.	<i>Year of establishment</i>		:	2009									
3.	<i>Is the Department part of a School/Faculty of the university?</i>		:	Yes, Faculty Of Dental Sciences, Rural Dental College, PIMS DU, Loni									
4.	<i>a) Names of programmes offered</i>		:	<b>As on this day</b>									
	Prog.	Name of the Prog. Year of Establishment	Year of Establishment	Intake per year	Fresh enrollment for academic year	Current Student Strength							
	UG	BDS	1989	100	100								
	PG	MDS	2009	02	02	06							
	<b>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</b>												
		Name of Subject & course	Total Hours of Teaching – Learning				No. of Papers & Practical to be Taught			Marks for University exam			
			Theory	Prac.	Othe	Total	Pape	Prac.	Oth	Paper	Prac.	Viva	Tot.
	UG	<b>Pedodontics and Preventive Dentistry</b>	65	200	50	315	1	1	3	70+10	90+10	20	200
		<b>2 Years</b>											
	PG	<b>Pedodontics and Preventive Dentistry</b>		3			4	3		300	200	100	600
		<b>3 Years</b>											
	<b>c) Latest revision of curriculum/ syllabus in 2007 or 2011 - Syllabus recommended by DCI with all the revisions is followed.</b>												
	<b>d) Contribution of faculty to curriculum design and Development (CDD) as</b>												
	<b>i) Member / chairman BOS/ Faculty/ BOE at parent university and other universities.</b>												
	a. Board of Studies— Dr. Vidyasagar (Chairman), Dr. Mitesh Kathariya, Dr. Sourabh Joshi												
	b. Board of Examinations— Dr. Vidyasagar												
	c. Academic Council Membership— Dr. Vidyasagar												
	d. Research Committee— Dr. Vidyasagar												
	e. IQAC— Dr. Vidyasagar, Dr. Sourabh Joshi												
	f. Anti Ragging Committee—Dr. Vidyasagar, Dr. Mitesh K, Dr. Sourabh Joshi												
	<b>ii) Organization of CDD workshops at the Dept / University</b>												
	MET workshop conducted by PIMS University and attended by all the faculty members of dept.												
	Research Methodology workshop conducted by faculty of PIMS.												
	<b>iii) Participation in curriculum design and development workshops at university/Department</b>												
	Dr Vidyasagar Mopagar delivered guest lecture on Curriculum Design and Development as Guest speaker in MET Workshop on 16/10/2015.												
5.	<b>Interdisciplinary programmes offered by the Department and department involved</b>												
	Name of Programs offered by our department						Involved Departments						
	Case discussions (every month)						All the departments						
	Discussions of research activities						All the departments						
	<b>Nature of involvement: Monthly interdisciplinary meets are conducted to discuss cases of the month and suggestions invited by all the Departments at various aspects of management.</b>												
6.	<b>Courses in collaboration with other universities, industries, foreign institution etc</b>						None						
7.	<b>Details of programs discontinued, if any with reasons</b>												



		None						
8.	<i>Examination System</i>			Annual				
9.	<i>Participation of the department in the courses offered by other departments</i>			The Faculty and Students of Dept. take active participation in CDE programs/workshops conducted by other departments				
10.	<i>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</i>							
	<i>(a) Teachers</i>							
	<i>S.N.</i>	<i>Required as per DCI</i>		<i>Actual Faculty Strength (Recruited or filled)</i>				
				<i>Male</i>	<i>Female</i>	<i>Total</i>		
	<i>I</i>	Professor	1	1		1		
	<i>ii</i>	Reader	2	2		2		
	<i>iii</i>	Lecturer	1	1		1		
	<i>iv</i>	Tutor	2	2	1	2		
	<i>Grant Total</i>					<b>6</b>		
	<i>Qualification Profile of Teachers (With P.G. Degree Only)</i>				<i>M</i>	<i>F</i>	<i>Total</i>	
				3	0	3		
11	<i>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</i>							
	<i>a) Faculty (as UG/PG teachers) (Internal):</i>							
	Sr. No	Name of Teaching Staff	Qualification	Designation	Area of Specialization	Teaching Experience in Years	No. of PG Students Guiding   Guided	
	1	Dr Vidyasagar Mopagar	MDS	Professor & HOD	Pedodontics	14 years	6   6	
	2	Dr Mitesh Katariya	MDS	Reader	Pedodontics	7 years	-   -	
3	Dr Sourab Joshi	MDS	Reader	Pedodontics	6 years	-   -		
<i>(b) Faculty of the Department as Ph.D. Guides (Internal as well as External) (as on this day) -- Nil --</i>								
12	<i>List of senior Visiting Fellows, adjunct faculty, emeritus professors : (as on this day)-- Nil --</i>							
13	<i>Percentage of classes taken by temporary faculty programme wise information</i>					: 00%		
14	<i>Programme wise Teacher Student Ratio</i>			<i>Teacher Student Ratio( Yearwise)</i>				
	<i>Programme</i>			2011	2012	2013	2014	2015
	<i>UG</i>			4:100				
	<i>PG</i>			4:5	6:5	4:4	4:4	4:4
15	<i>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</i>							
	Sr. No.	Staff	Name of the Post	Required as per statutory Bodies	Filled / Actual			
					M	F	Total	
	1	Administrative	Clerk	1		1	1	
	2	Technical	Dental Mechanic	1	1		1	
	3	Support	Nursing	2	1		1	
	Total		4	2	1	3		





16	<p><i>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</i></p> <ul style="list-style-type: none"> <li>➤ Pediatric and adolescent Endodontics.</li> <li>➤ Pediatric Restorative Dentistry.</li> <li>➤ Traumatic Dental Injuries in children.</li> <li>➤ Special Child Dentistry.</li> <li>➤ Preventive and Interceptive Orthodontics.</li> </ul>																																								
17	<p><i>Number of ongoing and completed projects undertaken by faculty; Abstract of projects- 14 projects (6 ongoing and 8 completed), all sponsored by PIMS(DU)</i></p> <p><i>The details of projects are as follows:</i></p> <p><i>a) Ongoing Projects of Faculty (as on this day)</i></p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>PI, Co-PI and Project Title</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Dr. Neha Pawar / Dr Vidyasagar - Assessment of Knowledge and awareness among School teachers regarding traumatic dental injuries and their management</td> </tr> <tr> <td>2.</td> <td>Dr Neeta Padmawar / Dr Vidyasagar - To assess the prevalence of supernumerary teeth in children between 3-16 years in Loni.</td> </tr> <tr> <td>3.</td> <td>Dr Vidyasagar / Dr Meghna Padubidri - To study the association of position of incisors and dental trauma in schoolchildren aged 5-12 years in Ahmednagar district.</td> </tr> <tr> <td>4.</td> <td>Dr Vidyasagar / Dr Sudarshan Pargaonkar - Assessment of Knowledge and awareness among Parent regarding traumatic dental injuries and their management .</td> </tr> <tr> <td>5.</td> <td>Dr. Mitesh Kathariya- "To Evaluate the Efficacy of a combination of Herbal antimicrobial agents against micro-organisms related to Dental Caries: An In-Vitro study"</td> </tr> <tr> <td>6.</td> <td>Dr. Sourabh Joshi - Evaluation of Oral Hygiene status and dental caries experience among the Rural Children of Loni</td> </tr> </tbody> </table> <p><i>b) Completed Projects of the faculty ( last 5 Years)</i></p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>PI, Co-PI and</th> <th>Project Title</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Dr Gourav Shinde / Dr Vidyasagar</td> <td>Evaluation of Clinical and histopathological success of sodium hypochlorite as a pulpotomy agent-An In Vitro and In Vivo Study-2014.</td> </tr> <tr> <td>2.</td> <td>Dr. Minal Patil / Dr Vidyasagar</td> <td>Assessment of success Feracrylum as a Pulpotomy agent- An In Vitro and In Vivo Study-2014</td> </tr> <tr> <td>3.</td> <td>Dr. Neeta Padmawar / Dr Vidyasagar</td> <td>Assesment of Prevalance of Odontoma in Children visiting the OPD of Dept of Pedodontics and Preventive Dentistry from 2014-2016</td> </tr> <tr> <td>4.</td> <td>Dr . Neha Pawar / Dr Vidyasagar</td> <td>Assessment of marsupilization as a treatment modality for large follicular cyst in Mixed dentition-2015</td> </tr> <tr> <td>5.</td> <td>Dr. Sourabh Joshi</td> <td>Knowledge , attitude &amp; awareness of children towards parental tobacco consumption.</td> </tr> <tr> <td>6.</td> <td>Dr. Mitesh Kathariya</td> <td>Evaluation of bacterial contamination of dental waterlines and efficacy of commercially available diinfectants "Study of undergraduate dental students' attitudes towards communication skills" Dental Implications of ADHD patients</td> </tr> </tbody> </table>						Sr. No.	PI, Co-PI and Project Title	1.	Dr. Neha Pawar / Dr Vidyasagar - Assessment of Knowledge and awareness among School teachers regarding traumatic dental injuries and their management	2.	Dr Neeta Padmawar / Dr Vidyasagar - To assess the prevalence of supernumerary teeth in children between 3-16 years in Loni.	3.	Dr Vidyasagar / Dr Meghna Padubidri - To study the association of position of incisors and dental trauma in schoolchildren aged 5-12 years in Ahmednagar district.	4.	Dr Vidyasagar / Dr Sudarshan Pargaonkar - Assessment of Knowledge and awareness among Parent regarding traumatic dental injuries and their management .	5.	Dr. Mitesh Kathariya- "To Evaluate the Efficacy of a combination of Herbal antimicrobial agents against micro-organisms related to Dental Caries: An In-Vitro study"	6.	Dr. Sourabh Joshi - Evaluation of Oral Hygiene status and dental caries experience among the Rural Children of Loni	Sr. No.	PI, Co-PI and	Project Title	1.	Dr Gourav Shinde / Dr Vidyasagar	Evaluation of Clinical and histopathological success of sodium hypochlorite as a pulpotomy agent-An In Vitro and In Vivo Study-2014.	2.	Dr. Minal Patil / Dr Vidyasagar	Assessment of success Feracrylum as a Pulpotomy agent- An In Vitro and In Vivo Study-2014	3.	Dr. Neeta Padmawar / Dr Vidyasagar	Assesment of Prevalance of Odontoma in Children visiting the OPD of Dept of Pedodontics and Preventive Dentistry from 2014-2016	4.	Dr . Neha Pawar / Dr Vidyasagar	Assessment of marsupilization as a treatment modality for large follicular cyst in Mixed dentition-2015	5.	Dr. Sourabh Joshi	Knowledge , attitude & awareness of children towards parental tobacco consumption.	6.	Dr. Mitesh Kathariya	Evaluation of bacterial contamination of dental waterlines and efficacy of commercially available diinfectants "Study of undergraduate dental students' attitudes towards communication skills" Dental Implications of ADHD patients
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18.	<p><i>Inter- institutional collaborative projects of faculty &amp; associated grants received (including clinical trials) excluding those included a Sr. No.16 (For the last 5 Years) (as on this day)</i></p>					Nil																																			
19	<p><i>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)</i></p> <table border="1"> <thead> <tr> <th></th> <th>Research Projects under taken by</th> <th>Sr. No. of DER (a)</th> <th>Total Projects</th> <th>On going</th> <th>Comple ted</th> </tr> </thead> <tbody> <tr> <td>(a)</td> <td>The faculty Funded by Department or</td> <td>17</td> <td>14</td> <td>06</td> <td>08</td> </tr> </tbody> </table>							Research Projects under taken by	Sr. No. of DER (a)	Total Projects	On going	Comple ted	(a)	The faculty Funded by Department or	17	14	06	08																							
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	University				
(b)	PG student STS Projects	28	6	04	02
	<b>Total</b>		20	10	10
20.	<i>(a) Research Facility / Center and recognition by state / National / International agencies.(as on this day)</i>				
	<i>In the department (Details of facilities in brief)</i>		Very good Patient exposure and clinical materials.		
	<i>In other department (Details of facilities by the department) used by us.</i>		Stereomicroscope is available for studies <b>Research lab for Oral Cancer detection</b>		
	<i>In other college ( Details of facilities used by us)</i>		Engineering college. Hardness testing machine etc.		
	<i>At central level ( Details of facilities used by us)</i>		Microbiological testings. Research lab. CCL, Biotechnology center		
21.	<i>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization of any.</i>		Special Research lab is existing in collaboration with Oral Pathology and RMC, Loni.		
22.	<i>Publication data of last 5 years</i>		<i>National</i>	<i>20</i>	<i>International</i>
	<i>Publications in peer reviews journals and conference proceeding (ISSN)</i>		<i>Other</i>	<i>7</i>	<i>Total</i>
					<i>25</i>
	<i>No. of Monographs (ISBN/NON ISBN)</i>		:	-	
	<i>No. of Books Published (ISBN/NON ISBN)</i>		:	-	
	<i>No. of Edited Books (ISBN/NON ISBN)</i>		:	-	
	<i>No. of chapters in Books with details of publishers (ISBN/NON ISBN)</i>		:	-	
	<i>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.) - 52</i>				
	<i>Research publication included and listed in international database are 50 Out of 50 total publication.</i>				
	<i>No. of Citation Index – range / average</i>		:	<b>Details given in Criteria III and Emerge Data</b>	
	<i>SNIP</i>		:		
	<i>SJR</i>		:		
	<i>Impact Factor- range/average</i>		:		
	<i>h-index</i>		:		
23.	<i>Details of patents filed / granted and income generated (5 Years data)</i>		:		
24.	<i>Areas of consultancy and income generated(5 Years data)</i>		:	Revenue in the Department is Generated mainly through the registration fees of delegates for CDE's and workshops( Honorary Consultancy)	
25	<i>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data)</i>				
	Total		Inter-national		National
	6		-		6
	<b>One faculty was selected to visit L/I in India and abroad. (Laboratories, Institutions, Industries): Dr. Vidyasagar Mopagar has attended the following as Resource Person</b>				
1.	National Institute of Disaster Management, New Delhi ;Feb 2015;TOT				
2.	National Institute of Health and Family Welfare, Munirka, New Delhi; Feb 2015; Workshop on Curriculum Designing and Evaluation				
3.	PNNM DC Bagalkot, Karnataka. Workshop on Nasoalveolar Moulding; Jan 2016;Guest speaker(Resource person) Workshop on Nasoalveolar Moulding				
4.	Hitkarni Dental College and Hospital,Jabalpur,Madya Pradesh;March 2016;Guest speaker(Resource person) Workshop on Nasoalveolar Moulding				
5.	TKDC & RC New Pargaon, Kolhapur, Maharashtra; April 2016;Guest speaker(Resource person) Workshop on Nasoalveolar Moulding				



6.	AME's Dental College and Research Centre, Raichur,Karnataka; April 2016; Guest speaker(Resource person) CDE / Workshop on Rotary Endodontics in Primary Dentistry					
<b>26.</b>	<b>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data)</b>					
	Total no. of faculty	Inter-national level	National Level	State Level	University	Total
	3	Nil	3	3	3	3 (9)
	<b>(a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data)</b>					
		National level	State level	Others level		
	Fellowship	3	3	3		
	<b>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data): One Faculty member is reviewer of JISPPD and JDAS.</b>					
<b>27.</b>	<b>Faculty recharging strategies (UGC, ASC/ MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)</b>					
	Sr. No.	Type of the Programme	No. of FDPs participated			Total
			College Level	State / University Level	National Level	
	1	Orientation/Refresher/MET/CME	--	3	2	5
	2	Workshop/Seminar/ Symposium/ conferences	30	45	10	95
	3	FDPs (guest lecture, training, CM, CPC, etc.)	--	--	4	4
<b>28.</b>	<b>Students Projects:</b> The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)					
	Sr. No.	PG Projects			PG Dissertations	
		Ongoing	Completed	Total	Ongoing	Completed
		4	2	6	4	6
					Total	10
	<b>Percentage of students who have done in house projects including inter departmental project</b>					: 100%
	<b>Percentage of students doing projects in collaboration with other universities/industry/institute</b>					: 00
	<b>Details of PG dissertations are given in the annexure</b>					:
<b>29.</b>	<b>a) Research Awards/recognitions received at the national and international level (5 Years data) : PG Students have received 2 National Level awards.</b>					
<b>30.</b>	<b>Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data): 3 Programs conducted.</b>					
	<ul style="list-style-type: none"> <li>• One National level workshop in 2014- 60 delegates – 3 Resource Persons.</li> <li>• One University level workshop in 2013 – 300 delegates</li> <li>• One College level conference with 254 Delegate.</li> </ul>					
<b>31.</b>	<b>Code of ethics for research followed by the departments</b>	:	Every Research project must be passed through the institutional Ethical Board for approval and is strictly followed.			
<b>32.</b>	<b>Student Profile programme-wise</b>	:				
	<b>a) PG Programme Name of the Programme :</b>					
	Academic Year	No. of Application Received for PG CET		CET Pass %	No of Students Selected through CET	
					M	F
					T	
	2011-12	126		82.04	14	08
					22	



	2012-13	191	84.53	14	08	22
	2013-14	90	87.35	12	06	18
	2014-15	89	78.48	07	12	19
	2015-16	86	82.14	05	12	17
No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year						
	Academic Year of Outgoing batch	No. of Students				
		Appeared	Pass	Pass %		
	2011-12	2	2	100		
	2012-13	2	2	100		
	2013-14	2	2	100		
	2014-15	2	2	100		
<b>b) UG Students Name of the subject and course--</b> Pedodontics and Preventive Dentistry. BDS						
	Academic Year	No. of Application Received	CET Pass %	No of Students Selected for UG Course		
				M	F	T
	2011-12	2257	68.42%	25	75	100
	2012-13	3568	66.85%	27	73	100
	2013-14	2913	70.21%	14	86	100
	2014-15	2496	65.76%	21	79	100
	2015-16	2778	64.09%	23	77	100
<b>Results of University examination for the subject taught by the Department</b>						
<b>33.</b>	<b>Diversity of Students : a) PG Programme</b>					
	Name of the Course	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries
	MDS	2010-11	-	100%	-	-
		2011-12	-	100%	-	-
		2012-13	-	100	-	-
		2013-14	-	00%	-	-
		2014-15	-	100%	-	-
		2015-16	100%	-	-	-
<b>b) UG Programme</b>						
	Name of the Course	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries
	BDS	2010-11	100	97	03	--
		2011-12	100	98	02	--
		2012-13	100	1	--	--
		2013-14	100	91	03	--
<b>34</b>	<b>How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.)</b>					
<b>35.</b>	<b>Student progression:</b>	:	<b>Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)</b>			
	Student Progression		% against enrolled			
	I	UG – PG Studies		11		
		UG to employment		off Campus selection		
		PG to employment		off Campus selection 75% ( 6 :8)		
		UG / PG to Entrepreneur				



<b>36.</b>	<b>Diversity of Staff as on this day</b>																					
	<b>Number and % Diversity of Staff ( as on this day ) belonging to</b> <b>Same State/UT</b> <b>1 &amp; 25 %</b>  <b>Outside State/UT</b> <b>3 &amp; 75%</b> <b>Other States</b> <b>No. &amp; %</b>			<b>% Staff who have obtained PG Degree from</b> Parent University <b>No. 1 &amp; 25%</b> Other Universities of the State <b>No. &amp;.....%</b>  Other State University <b>No. 3 &amp; 75%</b>																		
<b>37</b>	<b>Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) : Nil</b>																					
<b>38.</b>	<b>Present details of departmental infrastructural facilities with regard to :</b>																					
<b>A) Infrastructural facility (Common to all departments)</b>																						
<b>a) Library (dept): No. of Collections Book/Journal/ Project Report</b>			89 books																			
<b>Central Library books and Journal belonging to our department (both print and e mode)</b>			229 books/5 Foreign and 2 Indian Jrnls																			
<b>b) Internet facilities for staff and students</b>			ECMC RDC provides internet facility for students and Staff. Library has computer section with internet facility.;																			
<b>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive &amp; Inclusive)</b>			Class Rooms      5 Demo Rooms Seminar Halls      8 Auditorium          2 Other s																			
<b>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive)</b>			Powerpoint presentation facilities available in all seminar rooms and Clas rooms. ICT Facility with SKYPE connection / for video conferencing made available in few classrooms and in RDC conference hall.																			
<b>e) Students laboratories at the Department</b>			1																			
<b>f) Research Laboratories of the Dept.</b>			--																			
<b>g) Museum at the Department and no. of specimen, charts, Modules etc.</b>			Department museum is available.Models and education materials are displayed for education of Patients.																			
<b>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)</b>			<table border="1"> <tr> <td>1 Dental X-ray Machine</td> <td>Rs 2,56500</td> </tr> <tr> <td>Portable Dental X-ray Machine Dexicoin</td> <td>Rs 125000/</td> </tr> <tr> <td>1 RVG System</td> <td>Rs 219375/</td> </tr> <tr> <td>1 CarieScan</td> <td>Rs 118125/</td> </tr> <tr> <td>1 Monitor Multipara Philips</td> <td>Rs82,000/</td> </tr> <tr> <td>Magnifying Loupes</td> <td>Rs 56000/</td> </tr> <tr> <td>1 Intraoral Camera with accessories</td> <td>Rs72500</td> </tr> <tr> <td>Matrix, Nitrous oxide-Oxygen Sedation Unit</td> <td>Rs 400000</td> </tr> </table>				1 Dental X-ray Machine	Rs 2,56500	Portable Dental X-ray Machine Dexicoin	Rs 125000/	1 RVG System	Rs 219375/	1 CarieScan	Rs 118125/	1 Monitor Multipara Philips	Rs82,000/	Magnifying Loupes	Rs 56000/	1 Intraoral Camera with accessories	Rs72500	Matrix, Nitrous oxide-Oxygen Sedation Unit	Rs 400000
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<b>B) Clinical learning resource data (as submitted to MCI /DCI /INC / Others / UGC)</b>																						
<b>(a) Dental Chairs</b>	<b>(b) Units</b>	<b>(c) Special Clinics</b>	<b>(d) ICUs</b>	<b>(e) Wards</b>	<b>(f) Ots</b>																	
30	2	1	1	1	2																	
ICU, Wards and Ots are in collaboration with Pediatrics dept and dept of Oral and Maxillofacial Surgery.																						
<b>(g) OPD Patients / day ( Average )</b>			<b>(h) IPD Patients / day ( Average )</b>																			
46			00																			





	<b>(k) Patient's Feedback</b>	<b>(l) GHP / GLP / SOPs</b>		<b>(m) Submission of Compliance /Follow-up Reports to National /State Agencies</b>	
	Yes	Yes		Yes	
	D) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well			:	Resources from all the departments of RDC and also from various departments of RMC are routinely utilized based on the need.
39.	<b>No. of doctoral post- doctoral students and Research Associates / PDF working</b>			:	01 – Dr.Mitesh kathariya perceiving PhD
40	<b>(a) Number of students getting financial assistance from the university Interns and PG students get Monthly Stiphend from PIMS University : Nil</b>				
41.	<p><b>Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :</b></p> <ul style="list-style-type: none"> <li>➤ Need based assessment was done <b>before introducing MDS in Pedodontics</b> and based on need of students and requirements of children MDS in Pedodontics was started.</li> <li>➤ Need based assessment was done <b>before introducing teachers training</b> in sorrounding schools to train them in <b>initial traumatic injuries management</b>.</li> <li>➤ <b>Yes. Feedback and opinions from pedodontists from different institutions were obtained to assess the need of conducting workshop on Nitrous Oxide- Oxygen Sedation and based on the need workshop/CDE on Nitrous Oxide- Oxygen Sedation was conducted.</b></li> <li>➤ Based on the need assessment through student feedback and patient data at OPD and to update knowledge in cleft lip/palate management <b>workshop on Nasoalveolar moulding was conducted in Dept of Pedodontics.</b></li> </ul>				
42.	<b>Does the department obtain feedback from</b>				
	Sr. No.	From	Yes/No	Feedback Manual / Digital	How the feedback analysis is used for improvement
	1	Student	Yes	Manual and digital	<ul style="list-style-type: none"> <li>➤ Students needs are discussed and areas of deficiencies improved.</li> <li>➤ Additional Classes /seminars/tutorials conducted to overcome student requirements.</li> <li>➤ Students opinions are considered in methods of teaching.</li> <li>➤ Students are given ample opportunities to improve the areas of deficiencies through additional tests and clinical demonstrations.</li> </ul>
	2	Faculty	Yes	Manual and digital	
	3	Alumni / Parents/ Employer	Yes	Manual and digital	
43.	<b>List the distinguished alumni of the department (Maximum 10) ( UG student or PG Student belonging to the subject)</b>			:	Dr Ruchi Deshmukh – BDS (2009-14)
	Sr. No.	Name & Designation		Details at the PIMS University & Year	Place of work of alumni
	1.	Dr.Sneha Sakhare		2009-12	Sangli
	2.	Dr.Namrata Patil		2009-12	Mumbai
	3.	Dr.Ashish Raurale		2010-13	Ahmednagar
	4.	Dr.Swapnil Dahapute		2010-13	Amaravati
	5.	Dr.Shradha Naik		2011-14	Mumbai



	6.	Dr.Rutuj Jadhav	2011-14	Sangamner
	7.	Dr.Minal Patil	2012-15	Mumbai
	8.	Dr.Gaurav Shinde	2012-15	Sangamner
	9.	Dr.Ruchi Deshmukh	2009-14	Loni
	10.	Dr.Swapnil Karwa	2008-14	Loni
44.	<p><b>Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</b>  <b>The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under</b></p>			
	Sr. No.	Event (SEP) UG + PG	No. Events	No. of Prominent
				External Experts
				Internal Experts
	1	2011	03	9
	2	2012	04	13
	3	2013	05	14
	4	2014	07	16
	5	2015	07	17
	(Details given in annexure)			
45.	<b>a) List the teaching methods adopted by the faculty for different programmes:</b>			

Sr. No.	For UG	A	B	C	D	E	For PG	A	B	C	D	E
		√	√	√		√		√	√	√	√	√
<p>A: Traditional B: Blended C: ICT enabled D: Learning Centric Approach E: Beyond Curriculum Scholarly activities.            Black Board Teaching, LCD Oriented Power Point Presentation, Discussion with pre allotted topic related to Pediatric Dentistry, Demonstration of procedures in Clinics on patients, pharmacological and non pharmacological behavior shaping techniques to manage child patients. Guiding Students with various projects related work like Seminar &amp; Library Dissertation &amp; research Related Short Study &amp; <b>Digital Software</b> by Elsevier consisting of <b>Dental</b> as well as <b>Medical</b> Basic Subjects Virtual Lectures on Vast Topics with demonstration of each procedure &amp; technique. Guiding the students regarding the presentations of E-posters and presentations</p>												
<p><b>b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling, )</b>            Each student is oriented to the department and introduced to the teaching schedules and modern learning methods, the teaching modules are mentored and supervised on day to day basis. Further remedial counseling for any difficulties is dealt with each student on one to one discussions with the students.</p>												
46.	<p><b>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?</b></p> <ul style="list-style-type: none"> <li>➤ <b>Through Feedbacks,</b></li> <li>➤ <b>Through Regular assessment tests</b></li> </ul> <p><b>Regular conduction of student's assessments involving oral &amp; written interactions.</b></p> <ul style="list-style-type: none"> <li>➤ <b>Through discussions</b></li> </ul>											
47.	<p><b>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive) -</b> Which includes Dental Diagnostic &amp; Treatment Camps, School Health Education &amp; Treatment Camps, Camps Conducted for <b>Specially Challenged Patients which includes Deaf, Dum, &amp; Blind patients and also rural tribal patients.</b> Camps with school children involving distribution of Oral Hygiene Pack with almost <b>58 schools</b> covered in &amp; around Loni (All ZP Primary school, All Pravara schools, All Ashram schools &amp; All Physically Challenged schools in and around Loni)</p> <p>g) <b>Involvement of student and faculty in various type of extension activity organized by the dept.</b></p>											



Sr. No.	No. of Camps/Workshops/Surveys/Training/Rallies/Lectures/Celebrations/ any other events.	Academic Year	No. Of campus	No. of Beneficiaries
1	<b>Total Dental Camps In</b>	2011	58	6255
2	<b>Total Dental Camps</b> Which includes all Diagnostic & Treatment Camps	2012	24	<b>5626</b>
	<b>Total Dental Camps In</b> Which includes all Diagnostic & Treatment Camps	2013	46	<b>6169</b>
	<b>Total Dental Camps</b> Which includes all Diagnostic & Treatment Camps	2014	36	<b>6987</b>
	<b>Total Dental Camps In</b> Which includes all Diagnostic & Treatment Camps	2015	53	<b>7611</b>
3	<b>Faculty and students also involved in creating awareness and catering to the needs of rural patients at peripheral or satellite centres situated in Shirampur and Rahta. - Throughout the year - Data available at individual peripheral centres.</b>			
<b><i>b. Our faculty is involved extension in health awareness programs organized by the college / University through lectures, rally, camps/training. as HR / Contributions</i></b>				
Sr. No.	Programme	Venue	Topic	
1.	World Dentist Day Celebrated at Little Flower School	Little Flower School, Loni	On Awareness regarding Oral Hygiene & Dental Health	
2	Disaster Management	Ayurvedic Medical College, Shevgaon.	First aid and BLS	
3	School Dental Health Education	Little Flower School, Loni	Brushing technique	
4	School Dental Health Education	Little Flower School, Loni	First aid education and precaution	
5	World Dentist Day	Little Flower School, Loni	Nutrition and oral hygiene.	
48.	<b><i>Give details of "beyond syllabus scholarly activities" of the department :</i></b> <ul style="list-style-type: none"> <li>➤ Encourage the students to participate in skill development programmes</li> <li>➤ Encourage students to carry-on STR studies</li> <li>➤ Encourage the staff and students to Organize CDE's/ Workshops.</li> <li>➤ Wall magazine practiced.</li> <li>➤ e-learning facilities provided and encouraged.</li> </ul>			
49.	<b><i>State whether the programme / department is accredited / graded by other agencies? If yes, give details- Approved by DCI</i></b>			
50.	<p><b><i>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied ( based on published research articles, paper, projects, books, Patents etc.</i></b></p> <p>Staff and PG students are encouraged to carry-on research studies to update current knowledge. Students were and are encouraged to participate in Scientific presentations at various levels of CDE programs.</p> <p>Two national level prizes have been won in scientific presentations by Post Graduate students.</p> <p><b>Salient and unique feature of Department.</b></p> <p>Department is situated on third floor and possess all the required amenities as per DCI norms. Separate sections for UG and PG students are made and special provisions are made available for managing uncooperative children.</p> <p>The dept has very good OPD to meet the training requirements of students and excellent support from management makes it possible to meet every training needs.</p> <p><b>h) Innovation of the Department.</b></p> <p>Adopted schools in and around Loni for dental health programme.</p> <p>Adopted Blind school in Loni for Dental health programme.</p> <p>Conducted N2O conscious sedation programme for students in and around Maharashtra state.</p>			



	<p><b>i) Best practice of the Department</b>  <i>Regularly conducting CDE programs</i>  <i>TOT recommended and encouraged</i>  <i>Wall magazine practiced.</i>  <i>Regular School Dental Health programs conducted and teachers are trained for preventive measures.</i>  <i>Special children are treated free of any cost and every support is made available from Dept and Management.</i>  <i>Students are encouraged to participate in skill development programs with multidisciplinary concepts.</i>            (Based on academic programmes, research, Teaching-Learning, Evaluation, Extension, consultancy, collaboration, welfare, governance, quality, enrichment awareness, publication etc.)</p>								
<p><b>51.</b></p>	<p><b><i>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department: (Important or major ones) in bullet form.SWOC</i></b></p> <table border="1"> <tr> <td data-bbox="305 625 573 982">Strength</td> <td data-bbox="573 625 1427 982"> <ul style="list-style-type: none"> <li>• Excellent infrastructure to meet all the norms of DCI.</li> <li>• Abundant Clinical material for student training and learning.</li> <li>• Excellent support from Management and University in academic and extracurricular activities Eg; Funding for conference attendance twice a year.</li> <li>• Research activities by staff are supported and rewarded by PIMS University.</li> <li>• Regular CDE programmes are encouraged by University.</li> </ul> </td> </tr> <tr> <td data-bbox="305 982 573 1073">Weaknesses</td> <td data-bbox="573 982 1427 1073">Lack of financial support from government for treating various pediatric dental diseases.</td> </tr> <tr> <td data-bbox="305 1073 573 1314">Opportunities</td> <td data-bbox="573 1073 1427 1314"> <ul style="list-style-type: none"> <li>• Wide variety of clinical exposures.</li> <li>• Research opportunities are abundant and there is excellent support from the University.</li> <li>• Dental diseases in rural can be explored easily and compared with urban areas.</li> <li>• Educational programs can be effectively carried out at rural areas with ease as the place is situated in rural area.</li> </ul> </td> </tr> <tr> <td data-bbox="305 1314 573 1585">Challenges</td> <td data-bbox="573 1314 1427 1585"> <ul style="list-style-type: none"> <li>• Place is situated quite away from cities.</li> <li>• Less connectivity to Loni after 8 pm.</li> <li>• Government schemes to benefit all treatment procedures of the patients not available.</li> <li>• Since treatments provided are free patients at times neglect instructions and appointments.</li> <li>• Procurement of staff is a challenge since many staff members prefer urban areas for work.</li> </ul> </td> </tr> </table>	Strength	<ul style="list-style-type: none"> <li>• Excellent infrastructure to meet all the norms of DCI.</li> <li>• Abundant Clinical material for student training and learning.</li> <li>• Excellent support from Management and University in academic and extracurricular activities Eg; Funding for conference attendance twice a year.</li> <li>• Research activities by staff are supported and rewarded by PIMS University.</li> <li>• Regular CDE programmes are encouraged by University.</li> </ul>	Weaknesses	Lack of financial support from government for treating various pediatric dental diseases.	Opportunities	<ul style="list-style-type: none"> <li>• Wide variety of clinical exposures.</li> <li>• Research opportunities are abundant and there is excellent support from the University.</li> <li>• Dental diseases in rural can be explored easily and compared with urban areas.</li> <li>• Educational programs can be effectively carried out at rural areas with ease as the place is situated in rural area.</li> </ul>	Challenges	<ul style="list-style-type: none"> <li>• Place is situated quite away from cities.</li> <li>• Less connectivity to Loni after 8 pm.</li> <li>• Government schemes to benefit all treatment procedures of the patients not available.</li> <li>• Since treatments provided are free patients at times neglect instructions and appointments.</li> <li>• Procurement of staff is a challenge since many staff members prefer urban areas for work.</li> </ul>
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<p><b>52.</b></p>	<p><b><i>Future Plan</i></b></p> <ul style="list-style-type: none"> <li>• Introduce certificate course in Nitrous Oxide/ Oxygen Conscious Sedation.</li> <li>• Start Fellowship in Lasers in Pediatric Dentistry.</li> <li>• Establish MOU'S with Dept of Paediatrics and General Medicine for PG student's training.</li> <li>• Adopt more schools for special children/Blind School Children for Oral health education and treatment.</li> <li>• Introduce regular teacher training programs for educating primary levels of prevention of dental diseases and trauma among school children.</li> </ul>								

---Sd/---

**Name & Signature  
(Head of the Dept.)**

---Sd/---

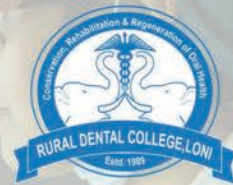
**Name & Signature  
Principal of the College**







## Department of Oral Medicine & Radiology



**Rural Dental College**

**Pravara Institute of Medical Sciences  
(Deemed University)**





**Pravara Institute of Medical Sciences (Deemed University)  
Institution: Rural Dental College, Loni  
Departmental Evaluative Report  
Based on the data of 5 years : 2010-11 to 2015-16**

<b>1.</b>	<b>Name of the Department</b>		:	<b>Oral Medicine &amp; Radiology</b>		
<b>2.</b>	<b>Year of establishment</b>		:	1989		
<b>3.</b>	<b>Is the Department part of a School/Faculty of the university?</b>		:	Yes, it is a part of Rural Dental college, PIMS, Loni		
<b>4.</b>	<b>a) Names of programmes offered</b>		:	<b>As on this day</b>		
	Prog.	Name of the Prog. Year of Establishment	Year of Establishm ent	Intake per year	Fresh enrollment	Current Student Strength
	UG	BDS	1989	100	100	III BDS-101 IV BDS-100
	PG	MDS	2009	2	2	2+2=4
	Total					201+4=205
	<b>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</b>					
	<ul style="list-style-type: none"> <li>• <b>BDS Theory – 25 + 45 hrs; Practicals – 70+30 hrs</b></li> <li>• <b>One Theory, One Practical, Viva Voce = 200 Marks</b></li> <li>• <b>PG – 4 Theory, Practicals, Viva Voce , Dissertation Projects = 600 Marks</b></li> </ul>					
	<b>Latest revision of curriculum/ syllabus in ----2007-- Year and their salient features.</b> 5 yr BDS course, Internship excluded, Introduction of subjects like behavioural sciences, ethics, forensic odontology , esthetic dentistry & implantology Increased emphasis on community dentistry. <b>2008:</b> Again duration of BDS course was made of 4 years + 1 year compulsory rotatory internship. Syllabus and curriculum is followed as per recommendations of DCI regulations 2007 & 2011.					
	<b>d) Contribution of faculty to curriculum design and Development (CDD) as</b>					
	iv) Member / chairman BOS/ Faculty/ BOE at parent university.					
			BOS	3		
			BOE	1		
			AC	2		
	v) Organization of CDD workshops at the Dept / University- PIMS organizes MET and Research Methodology workshop annually and the faculty of various departments take active participation in the same. CDD to be organized by university in October 2016					
	vi) Participation in curriculum design and development workshops at university/Department- Faculties of the department through BOS and Academic council, are involved in curriculum designing.					
<b>5</b>	<b>Interdisciplinary programmes offered by the Department and department involved</b>					
	Name of Programs offered by our department			Involved Departments		
	<ul style="list-style-type: none"> <li>• Clinical postings for MDS students in other departments</li> <li>• Clinicopathological meetings</li> </ul>			Dept. of Radiology, Medicine, Skin, ENT, Oncology of RMC Oral Medicine, Oral Pathology & Oral surgery		
	<b>Nature of involvement:</b> MDS students of dept.- for academic ( clinical postings), Faculty & students for CPM					
<b>6.</b>	<b>Courses in collaboration with other universities, industries foreign institution etc</b>				Erasmus Mundus Programme Student & Faculty exchange programme	
<b>7.</b>	<b>Details of programs discontinued, if any with reason</b>				-Nil	
<b>8.</b>	<b>Examination System</b>				Annual	



9.	<i>Participation of the department in the courses offered by other departments</i>		7. Exercise of oral radiology for Post graduate students of dept. of Conservative and Endodontics 8. Clinicopathological meetings for Dept. of Oral Medicine & radiology, Dept. Oral Pathology, Dept. of Oral surgery.					
10.	<i>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</i>							
	<i>(a) Teachers</i>							
	<i>S.N.</i>	<i>Required as per DCI</i>	<i>Actual Faculty Strength (Recruited or filled)</i>					
			<i>Male</i>	<i>Female</i>	<i>Total</i>			
	<i>i</i>	Professor-1		2	2			
	<i>ii</i>	Associate Professor/ Reader -2	1	-	1			
	<i>iii</i>	Assistant Professor/ Lecturer-1		2	2			
	<i>Sub Total( I to iii)</i>		<i>1</i>	<i>04</i>	<i>05</i>			
	<i>Iv</i>	Tutor- - 2	-	1	1			
	<i>Grant Total ( i to vii)</i>			5	6			
	<i>(b)</i>							
	<i>Qualification Profile of Teachers</i>		<i>M</i>	<i>F</i>	<i>Total</i>			
	<i>With P.G. Degree Only</i>			4	4			
	<i>With higher qualification than PG (Ph.D/D.Sc.)</i>		-	-				
	<i>Other Higher Qualification (MRCP/PRCP/DM.M.Ch. etc.)</i>		-	<i>Fellowship in Clinical Research</i>	1			
	<i>Teachers Pursuing Higher Degrees</i>		-	-	NIL			
11	<i>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</i>							
	<i>a) Faculty (as UG/PG teachers) (Internal):</i>							
	<i>Sr. No</i>	<i>Name of Teaching Staff</i>	<i>Qualification</i>	<i>Designation</i>	<i>Area of Specialization</i>	<i>Teaching Experience in Years</i>	<i>No. of PG Students</i>	
							<i>Guiding</i> <i>Guided</i>	
	1.	Dr. Safia Shoeb	MDS	Professor & HOD	Oral Medicine & Radiology	24 yrs	- 4	
	2.	Dr. Anita Munde	MDS	Professor	Oral Medicine & Radiology	19 yrs	3 4	
	3.	Dr. Anjum Farooqui	MDS	Assistant professor	Oral Medicine & Radiology	3 yrs 6 months	- -	
	4.	Dr. Sudharani Biradar	MDS	Assistant professor	Oral Medicine & Radiology	2 yrs 2 months	- -	
	5.	Dr. Ujwala Kale	BDS	Tutor	Oral Medicine & Radiology	8 Yrs	- -	
13	<i>Percentage of classes taken by temporary faculty programme wise information</i>						:	Nil
14	<i>Programme wise Teacher Student Ratio</i>			:	<i>Teacher Student Ratio</i>			
	<i>UG</i>				1:25			
	<i>PG</i>				1:1			
15	<i>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</i>							
	<i>Sr. No.</i>	<i>Staff</i>	<i>Name of the Post</i>	<i>Required as per statutory Bodies</i>	<i>Filled / Actual</i>			
					<i>M</i>	<i>F</i>	<i>Total</i>	
	1	Administrative	Clerk/Receptioni	1	-	-	-	



			st						
	2	Technical	X-ray Technician, Dental Hygienist Staff Nurse	3 1 1	2 - 1	- - 1	2 1 1		
	3	Support	Attendant, Sweeper	1 1	-	1 1	2		
		Total			2	4	6		
16	<b>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</b> 1 Early detection of oral precancer and cancer 2 Treatment of oral precancerous lesions 3 Tobacco cessation								
17	<b>Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise : (For the last 5 Years)</b> <b>The details of projects are as follows:</b> <b>b) Completed Projects of the faculty ( last 5 Years)- 1 Funded by PIMS (DU)</b>								
	Sr no	PI,Co-PI & Project Title			Grant Received in Lakhs		Duration		
	1	Dr. Anita Munde, Co -PI- Dr Vinay Vadavadgi, Dr Meena Kulkarni. Assessment of prevalence, patterns and practices of tobacco use in Rahata taluka: an epidemiological study			0.4 lakhs		1yr		
18	<b>Inter- institutional collaborative projects of faculty &amp; associated grants received (including clinical trials) excluding those included a Sr. No.16) (For the last 5 Years) (as on this day) : Nil</b>								
19	<b>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data) – Collaborative Project – Nil</b>								
		<b>Research Projects under taken by</b>	<b>Data as given under sl. No. of DER</b>	<b>Total Projects</b>	<b>On going</b>	<b>Completed</b>	<b>Amount Received</b>		<b>Total Rs Lakhs</b>
							<b>On going</b>	<b>Completed</b>	
	(a)	(iii) The faculty (at the Dept.) <b>Funded by Self</b> (iv) <b>Funded by University</b>	17	11 1	5 --	6 1		1 project	0.4 lacs +0.21 Lacs = 0.61 lacs
	(b)	PG student Dissertations	28	10	1	9	-	-	-
	(c)	PG Student project		1	-	-	-	-	-
		<b>Total</b>		23	6	16		1	-
20.	<b>(a) Research Facility / Center and recognition by state / National / International agencies.(as on this day)</b>								
	<b>In the department (Details of facilities in brief)</b>				Detection of oral precancer and cancer, Digital and conventional X- ray machines (Extraoral & Intraoral), PACS system				
	<b>In other department (Details of facilities by the department) used by us.</b>				Microscopes, Tissue processing and staining equipments				
	<b>In other college ( Details of facilities used by us)</b>				Rural Medical college, Pravara Rural hospital, Rural Engineering college, Pharmacy College, College of Physiotherapy				
	<b>At central level ( Details of facilities used by us)</b>				CCL Lab, (Biochemistry lab, Microbiology & Pathology), Forensic Lab				



		General radiology, Oncology, Animal house, Biotechnology, Central library, Virtual laboratory				
22	<b>Publication data of last 5 years</b> <b>Publications in peer reviews journals and conference proceeding (ISSN)</b>			<b>International---26</b> <b>National-----19</b> <b>Other-----6</b> <b>Total-----51</b>		
	<b>No. of Monographs (ISBN/NON ISBN)</b>		:	8		
	<b>No. of Books Published (ISBN/NON ISBN)</b>		:	10		
	<b>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.)- 49</b>					
	<b>Research publication included and listed in international database are 47 Out of total 49 publication.</b>					
	<b>No. of Citation Index – range / average</b>		:	<b>Details given in Criteria III and Emerge Data</b>		
	<b>SNIP</b>		:			
	<b>SJR</b>		:			
	<b>Impact Factor- range/average</b>		:			
	<b>h-index</b>		:			
24	<b>Area of Consultancy &amp; Income Generated(5yrs Data)</b>		:	Honorary Consultancy/ reciprocatory consultancy		
26	<b>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data)</b> 5 Faculty members working for institutional committees (a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data) 5. Fellowship- Fellowship in Clinical research ( BillCare Research Academy)- Dr. Safia Shoeb 6. Memberships- 5 faculty are Life time members of Indian Academy of Oral Medicine & radiology (IAOMR) 4 Faculty is member of IDA					
		<b>Total No. of Faculty</b>		<b>National level</b>		
	<b>Fellowship</b>	1		1		
	<b>Membership</b>	5		5 (IAOMR) membership & 1 IDA membership		
	<b>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data)</b>					
	<b>a) Faculty as editors/ editorial board/peer reviewer etc..</b>					
	<b>Editorial board-</b> Dr. Anita Munde Journal of dental research and scientific development					
	<b>Peer -reviewer-</b> Dr. Anita Munde-					
	1. Journal of Clinics and Practice, Italy. 2. Journal of Dentistry , Tehran University of Medical Sciences, Tehran. 3. Journal of Clinical Imaging Sciences, Rochester NY 1. Journal of Diabetes and Metabolic disorders 2. Archives of International Surgery, Nigeria 3. Pravara Medical Review, PIMS, Loni					
		<b>Total</b>	<b>Inter-National Level</b>	<b>National Level</b>	<b>State Level</b>	<b>Others level</b>
	<b>EB</b>	1	-	-	1	-
	<b>Peer Reviewer</b>	6	5	-	-	1
27.	<b>Faculty recharging strategies (UGC, ASC/MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)</b>					
	<b>Sr. No.</b>	<b>Type of the Programme</b>	<b>No. of FDPs participated</b>			<b>Total</b>
			<b>College Level</b>	<b>State / University Level</b>	<b>National Level</b>	<b>International Level</b>
	1	Orientation/Refresher/MET/	--	1		1





		CME					
2		Workshop/Seminar/Symposium/ conferences	10	16	6	1	33
3		FDPs (guest lecture, training, CM, CPC, etc.)	15	--	--	--	15
<b>28.</b>	<b>Students Projects:</b> The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)						
	Sr. No.	PG Projects			PG Dissertations		
		Ongoing	Completed	Total	Ongoing	Completed	Total
		1	--	1	1	9	10
	<b>Percentage of students who have done in house projects including inter departmental project</b>			:	55%		
	<b>Percentage of students doing projects in collaboration with other universities/industry/institute</b>			:	22%		
	<b>Details of PG dissertations are given in the annexure</b>			:	10		
<b>29.</b>	<b>a) Research Awards/recognitions received at the national and international level (5 Years data)</b>						
	Sr. No.	Received by	No. of Awards		Recognitions		
			National	State/ University	Total	State/ University	Total
	1	Faculty	-	-	-	4	4
	2	Student PG	2	4	6		
	<ul style="list-style-type: none"> <li>2 faculties have received research incentives twice from the university- Dr. Anita Munde &amp; Dr. Vikrant Kasat.</li> <li>PG students have received awards for their paper presentation in national conferences, state conferences and university CDEs.</li> </ul> (Details have been given in annexure)						
<b>30 a)</b>	<b>Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data)</b>						
	<b>CDE/Workshop/Guest Lectures organized-</b>						
	University level		15				
	State level		02				
	Total		17				
	<b>State level</b>						
	1. First annual symposium of Oral Medicine & Radiology in "Application of advanced imaging technology in dentistry" 30 <sup>th</sup> August, RDC, Loni , 2012. Funding: Sirona,IDA, Registration by Delegates. Resource person :Dr Karjodkar, Dr Shirke, Dr Saudagar, Dr Jaju.						
	2. 2. CDE on CBCT- A new horizon in imaging in dentistry. 10 <sup>th</sup> Oct 2014.Funding: Sirona, Registration by Delegates. Resource person : Dr Safia Shoeb, Dr Ajay Bhoosreddy, Dr Jayshree Pagare.						
	3. <b>University level Guest lectures organized – 15</b> Guest speakers were- Dr Bhowate Rahul,Dr Ghom Anil, Dr Bhoosreddy Ajay, Dr Kale Lata, Dr Birangane R. S, Dr Jangam Daya, Dr						



Hebbale Manjula, Dr Meti Mangala, Dr Sagoo Sonia, Dr Chaudhari Lalit, Dr Katti Girish, Dr Bhadange Chetan, Dr Chavan Mahesh.						
<b>4. Details given in Annexure</b>						
<b>31.</b>	<i>Code of ethics for research followed by the departments</i>			:	ICMR 2006 Guidelines, Institutional Ethical Committee, PIMS (BLGI) Guidelines	
<b>32.</b>	<i>Student Profile programme-wise</i>			:		
a) PG Programme Name of the Programme :--MDS						
Academic Year		No. of Application Received for PGCET		CET Pass %	No of Students Selected through CET	
					M	F
2010-11		126		82.04	14	08
2011-12		191		84.53	14	08
2012-13		90		87.35	12	06
2013-14		89		78.48	07	12
2014-15		86		82.14	05	12
No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year						
Academic Year of Outgoing batch		No. of Students			% of Pass student with I <sup>st</sup> Class	
		Appeared	Pass	Pass %		
2011-12		2	2	100%	-	
2012-13		2	2	100%		
2013-14		2	2	100%	2	
2014-15		2	2	100%	1	
2015-16		1	0	0%	-	
b) UG Students Name of the subject and course : Oral Medicine & Radiology, Course- BDS						
Academic Year		No. of Application Received		CET Pass %	No of Students Selected for UG Course	
					M	F
2011-12		2257		68.42	25	75
2012-13		3568		66.85	27	73
2013-14		2913		70.21	14	86
2014-15		2496		65.76	21	79
2015-16		2278		64.09	23	77
<b>Results of University examination for the subject taught by the Department (Eg. Anatomy, Physiology etc.)</b>						
Name of the Subject	Academic Year (For Outgoing Batch)		Total Students Appeared	No of Students passed	Pass % of Dept. Subject	
Oral Medicine & Radiology	2010	2011	78	76	97.43	
	2011	2012	77	76	98.70	
	2012	2013	60	42	70	
	2013	2014	65	63	96.92	
	2014	2015	90	85	94.44	
	2015	2016	89	88	98.87	



<b>33. Diversity of Students : a) PG Programme</b>						
Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries	
MDS	2010-11	-	2- 100%	--	-	
	2011-12	-	-	2- 100%	-	
	2012-13	1- 50%		1- 50%	-	
	2013-14	1- 50%	-	-	-	
	2014-15	-	-	1-100%	-	
	2015-16	-	-	-	-	
<b>b) UG Programme</b>						
Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries	
BDS	2010-11	100	97	03	--	
	2011-12	100	98	02	--	
	2012-13	100	1	-	--	
	2013-14	100	91	03	--	
	2014-15	100	100	--	--	
	2015-16	100	100	--	--	
<b>34. How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.)</b>						
<b>35. Student progression:</b> : <b>Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)</b>						
Student Progression		No				
I	UG – PG Studies	10 (2-3%)				
	PG - SS	-				
	PG – Ph. D.	-				
	UG to employment	off Campus selection				
	PG to employment	off Campus selection- 8				
	UG / PG to Entrepreneur	Practitioners, Consultants				
<b>36. Diversity of Staff as on this day</b>						
<b>Number and % Diversity of Staff ( as on this day ) belonging to</b>			<b>% Staff who have obtained PG Degree from</b>			
Same State/UT No. 3, & % 60.0%			Parent University No. 2 & 40%			
Outside State/UT No. 2, & 40.0%			Other Universities of the State No. 3. & 60.0%			
<b>38. Present details of departmental infrastructural facilities with regard to :</b>						
<b>A) Infrastructural facility (Common to all departments)</b>						
<b>a) Library (dept): No. of Collections Book/Journal/ Project Report</b>			: 101			
<b>Central Library books and Journal belonging to our department (both print and e mode)</b>			Dissertations- 15 Library dissertations- 10 486 books, 42 journals			
<b>b) Internet facilities for staff and students</b>			: WiFi			
<b>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive &amp;</b>			: Class Rooms---6---Demo Rooms Seminar Halls---1			



	<b>Inclusive)</b>		Auditorium----- 3
	<b>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive)</b>	:	All classrooms and seminar halls have ICT facility
	<b>e) Students laboratories at the Department</b>	:	UG, PG clinics, Dark Room for X ray Processing
	<b>f) Research Laboratories of the Dept.</b>		Oral precancer and cancer detection center, Oral radiology dept- Digital & conventional, intraoral and extraoral x-ray machines
	<b>g) Museum at the Department and no. of specimen, charts, Modules etc.</b>	:	Charts- 38
	<b>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)</b>	:	<b>Annexure Attached</b> Digital OPG Machine (Owandy) Velopex- Automatic Processor X-rayEquipment-Panoramic (Planmeca) RVG (Satelec)
	<b>B) Clinical learning resource data (as submitted to MCI / DCI / INC / Others / UGC)</b>		
	<b>(g) OPD Patients / day ( Average )</b>	<b>(j) Diagnostic Tests</b>	
	180/day	Radiographic examinations, Toluidine blue staining, exfoliative Cytology, Biopsy	
	<b>No of Dental Chairs - 31</b>		
	<b>(k) Patient's Feedback</b>	<b>(l) GHP / GLP / SOPs</b>	
	YES	YES	
	<b>D) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well</b>	:	YES- From, CCL, Radiology, Oral Pathology, Biochemistry, General Pathology, Microbiology of RMC PIMS DU.
<b>40</b>	<b>(a) Number of students getting financial assistance from the university- Interns: 1000 p/m PG and Ph.D. Students getting assistance from the University:Stipend 3000 per month</b>		
<b>41.</b>	<b>Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :</b> Need Assessment done while introducing PG Course in Oral Medicine & Radiology.		
<b>42.</b>	<b>Does the department obtain feedback from</b>		Yes
	Sr.No.	From	Yes/No
	1	Student	Yes
	2	Faculty	Yes
	3	Alumni / Parents/ Employer	Yes
<b>43.</b>	<b>List the distinguished alumni of the department (Maximum 10) ( UG student or PG Student belonging to the subject)</b>		:
	Sr. No.	Name & Designation	Details at the PIMS University & Year
	1	Dr. Pranali Wankhede	PG from RDC, PIMS 2009-12
	2	Dr. Sonal Patil	PG from RDC, PIMS 2009-12
	3	Dr. Sudharani B	PG from RDC, PIMS 2011-14
			Name and designation with address
			Place of work of alumni
			Dr. Hedgewar Smruti Rugna Seva Mandals Dental college, Hongoli, Maharashtra
			MGV Dental college, Nashik
			Rural Dental College,



				PIMS, Loni								
	4	Dr. Shweta Mishra	PG from RDC, PIMS 2011-14	Kalinga institute of dental sciences, Bhubneshwar, Orrisa								
	5	Dr. Tejashree Mantri	PG from RDC, PIMS 2012-15	MIDSR Latur								
	6	Dr. Monica Juvekar	PG from RDC, PIMS 2012-15	Working in International institute of sleep sciences								
	7	Dr. Santosh Mastud	UG from RDC, PIMS 2005-10	DYP Pune								
	8	Dr Sunil Mishra	UG from RDC, PIMS 2005-10	CSMSS Dental College, Aurangabad								
44	<p><b><i>Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</i></b>            The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Event (SEP) UG + PG</th> <th>No. Events</th> <th>No. of External Experts</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Guest Lecture &amp; Discussion</td> <td>15</td> <td>15</td> </tr> </tbody> </table> <p>(Details given in annexure)</p>				Sr. No.	Event (SEP) UG + PG	No. Events	No. of External Experts	1	Guest Lecture & Discussion	15	15
Sr. No.	Event (SEP) UG + PG	No. Events	No. of External Experts									
1	Guest Lecture & Discussion	15	15									
45.	<p><b><i>a) List the teaching methods adopted by the faculty for different programmes:</i></b>  <b>Teaching methods for UG:</b> Traditional, ICT enabled, blended etc teaching methods are used. Group discussions, Seminars, Tutorials, are conducted regularly. Students are encouraged to participate in various scientific programmes.  <b>Teaching Methods for PG :</b> Traditional, ICT enabled, blended , Case based learning teaching methods are used. Group discussions, Seminars Journal club, Case presentations, Clinicopathological meetings, etc are conducted regularly. Students are encouraged for participation and presentations of Posters/Papers in various conferences, CDE programmes, Workshops seminars at state/National/international levels, practice of abstract writing.</p> <p><b><i>b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling, )</i></b>            6. Orientation of 1<sup>st</sup> year BDS students by principal and other staff on first day of their college.            7. Orientation of 1<sup>st</sup> year PG students in department in first week of their college.            8. Orientation programme for intern.            4. Academic counselling            5. Personal counselling            6. Remedial classes            7. Coaching, Bridge courses            8. Student-student mentor system            9. Student – Teacher Mentor system</p>											
46.	<p><b><i>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?</i></b>  <i>Staff Council meeting, Internal assessment Examinations, Mentors Report, University exam results, Review of feedback from students, .</i></p>											





47.	<p><b>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive):</b>  a) Centralised Extension activity: Students &amp; Faculty participate in various diagnostic &amp; treatment camps on rotation basis.  b) <b>Involvement of student and faculty in various type of extension activity organized by the dept.</b></p>		
Sr. No	No of camps/surveys	Academic year	No of Beneficiaries
1	Namaskar Doctor- Programme of Rural Tele-Health Project	13 <sup>th</sup> Sept 2011	Near by Villages
2	Namaskar Doctor- Programme of Rural Tele-Health Project on Oral Cancer.	16 <sup>th</sup> October 2012	Near by Villages
3	Doctoranche Bol-Programme -Radio K.V.K.Pravara Community Radio,Babhleshwar	26th September 2014	Near by Villages
4	Doctoranche Bol-Radio Programme K.V.K.Pravara Community Radio,Babhleshwar	13th May 2015	Near by Villages
5	Oral Health check up OMDR,RDC Loni	8 <sup>th</sup> March 2012	PMT Female Workers
6	Oral Health check up & Awareness Programme for school children. Ahilyabai Holkar School Loni.	10 <sup>th</sup> October 2012	School Children-200
7	Oral Health check up & Awareness Programme for school children. Rayat School Loni.	12 <sup>th</sup> October 2012	School Children-200
8	Household Survey on Assessment of Prevalence patterns and Practices of Tobacco Use	23rd September 2014- 12 th February 2015	Rahata Taluka - 3100
48.	<p><b>Give details of “beyond syllabus scholarly activities” of the department :</b>  Department has conducted 15 guest speakers, 2 CDE programmes. Students &amp; Faculty attends various Seminars, Conferences,CDE programmes, workshops &amp; Presents Papers, Posters.</p>		
50.	<p><b>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied ( based on published research articles, paper, projects, books, Patents etc.</b>  <b>b) Salient and unique feature of Department.</b> Good Infrastructure, sufficient Clinical material for UG &amp; PG training, Trained ,dedicated and kind faculty to serve the needy &amp; poor rural population.  <b>d) Best practice of the Department:</b> Wall magazine, Conducting camps and surveys for awareness of Oral health and ill-effects of tobacco.  Free treatment for physically challenged patients and camp patients.  (Based on academic programmes, research, Teaching-Learning, Evaluation, Extension, consultancy, collaboration, welfare, governance, quality, enrichment awareness, publication etc.)</p>		
51.	<p><b>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department : (Important or major ones) in bullet form.SWOC</b></p>		
Strengths	<ul style="list-style-type: none"> <li>i. Ample number of clinical material for UG and PG training</li> <li>ii. Infrastructure- state of art infrastructure.</li> <li>iii. Equipments- Digital imaging system, PACS system</li> <li>iv. Staff- Faculty with excellent teaching skills and good number of research publications - Faculty are dedicated and kind to serve the needy and poor rural population</li> <li>v. University provides research incentives for various research projects and research publications</li> </ul>		
Weaknesses	<ul style="list-style-type: none"> <li>i. Less number of faculty research projects with funds</li> </ul>		



		ii. Insufficient advanced equipments for early diagnosis of precancer and cancerous lesions.
	Opportunities	1 Strengthening of tobacco cessation centre- 2 Procurement of Hi-tech equipment such as CBCT.  ✓ To increase no. of research projects with funding from University/Govt ✓ We have opportunity to cater huge rural population and opportunity to spread awareness about various oral and maxillofacial lesions including oral cancer
	Challenges	i. To spread awareness of ill-effects of tobacco (Oral precancer and cancer, periodontal diseases in the population) ii. To achieve the desire outcome of tobacco cessation counseling. iii. Financial constraints of poor rural population restrict the use of certain advanced investigations and treatment modalities iv. To aware the patients for early diagnosis and treatment of various oral diseases including precancer and cancer.
<b>52.</b>	<p><b><i>Future Plan</i></b> [It includes courses, academic activities, TLE, R&amp;D , Publications, Patents, extension, Collaboration, Student Support, grievances, enrichment awareness &amp; protection, Welfare, clinical resource, intra learning resource, Strategy of Department etc.]</p>	

1. Teaching: planning for e- learning, micro-teaching and integrated teaching.
2. Strengthening of oral Precancer & Cancer screening center
3. Strengthening of tobacco cessation center
4. Digitization of oral radiology department including procurement of CBCT machine
5. Establishment of pain clinic
6. Certificate course in CBCT & Forensic odontology.
7. To increase no of research projects with funding from University/Govt

----Sd/---

**Name & Signature  
(Head of the Dept.)**

----Sd/---

**Name & Signature  
Principal of the College**



# Dr. A.P.J. Abdul Kalam College of Physiotherapy











**Pravara Institute of Medical Sciences (Deemed University)  
Institution: Dr. A. P. J. Abdul Kalam College of Physiotherapy, Loni.  
Departmental Evaluative Report  
Based on the date of 5 years: 2010-11 to 2015-16**

1.	<i>Name of the Department</i>	:	<b>Dr. A. P. J. Abdul Kalam College of Physiotherapy, Loni.</b>
2.	<i>Year of establishment</i>	:	1997
3.	<i>Is the Department part of a School/Faculty of the university?</i>	:	Allied Health
4.	<i>a) Names of programmes offered</i>	:	<b>As on this day</b>

Prog.	Name of the Prog. Year of Establishment	Year of Establishment	Previous intake	Intake per year	Fresh enrollment for academic year	Current Student Strength
UG	BPT	1997	50	60	54	226
PG	MPT	2005	08	15	09	24
Ph. D	Ph.D.	2010	08	04	00	12
Total			62	75	63	262

*\*as per UGC norms.*

**b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day**

	Name of Subject & course	Total Hours of Teaching – Learning					No. of Papers & Practica l to be Taught			Marks for University exam				
		The	Prac	Oth	Tot	Pap er	Pr ac	Ot h	Paper	Prac	Viv a	Di ss	Total	
UG	As per syllabus (4 years course + 6 months compulsory rotatory internship)	1450	1350	1200	4000	16	13	01	1600	785	200	15	2600	
PG	Orthopedics PT ( 2 years course each) Community PT Neuro-PT Cardiorespirator y PT Pediatrics PT	750	1300	1950	4000	04	03		400	200	50	50	700	

**c) Latest revision of curriculum/ syllabus in –BPT- 2014 & MPT-2011 and 2015--- Year and their salient features.**

- i) MPT Pediatric Physiotherapy course started (2010).
- ii) Complete revision of MPT syllabus except MPT Pediatrics ( 2011)
- iii) Specialty Physiotherapy subjects included in MPT courses. (2011).
- iv) Environmental science has been introduced as college examination subject (2012)
- v) General physiotherapy & Biomechanics added in BPT course. (2014)
- vi) Complete revision of BPT syllabus(2014)
- vii) Credit hours, Letter grade, GPA included in BPT syllabi (2014)
- viii) Bioethics will be introduced from academic year (2016)
- viii) MPT CBCS ordinance is passed in BOS physiotherapy and has been forwarded to academic



	council for approval.	
	ix) Inclusion of yoga therapy in BPT & MPT is under BOS Physiotherapy consideration.	
	<b>d) Contribution of faculty to curriculum design and Development (CDD) as</b>	
	i) Member / chairman BOS/ Faculty/ BOE at parent university and other universities.	
	ii) Organization of CDD workshops at the Dept. / University	
	iii) Participation in curriculum design and development workshops at university/Department	
	Name of faculty	
	Dr. Subhash Khatri	i) Chairman, BOS Physiotherapy, PIMS Loni. ii) Special invitee, board of studies. in physiotherapy, MGMUHS, Mumbai(2012) iii) Attended CDD conducted at MGMUHS, Mumbai(2012) iv) Dean, Allied Health Faculty, PIMS-DU (2012-14) iv) Member of Academic Council, PIMS-DU. (2014-17)
	Dr. Keerthi Rao	i) Member, BOS Physiotherapy, PIMS Loni. ii) Member of Academic Council, PIMS-DU. (2010-13)
	Dr. A. Kazi	i) Member, BOS Physiotherapy, PIMS Loni. ii) Member of Academic Council, PIMS-DU. (2014-17)
	Dr. Mahendra Shende	i)Member, BOS Physiotherapy, PIMS Loni. ii)Member Board of Management, Pravara Medical Trust (2012-15)
	Dr. Deepali Hande	i)Member, BOS Physiotherapy, PIMS Loni. ii)Member of BOS in Social Medicine under Allied Health Science Faculty, PIMS-DU (2014-17) iii)Member of Institutional Research Committee of Center for Social Medicine, PIMS-DU(2014-17) iv)Member of Disaster Management Committee, PIMS-DU (2014-17)
	Dr. Mandar Malawade	Member, BOS Physiotherapy, PIMS Loni. (2014-17)
	Dr. Ronald Prabhakar	Member, BOS Physiotherapy, PIMS Loni. (2014-17)
	Dr. R.M. Singaravelan	Member, BOS Physiotherapy, PIMS Loni. (2010-14)
	Dr. Neesha Shinde	Member, BOS Physiotherapy, PIMS Loni. (2010-14)
	Dr. Dhiraj Shete	Member, BOS Physiotherapy, PIMS Loni. (2010-12)
	Dr. Deepak Anap	Member, BOS Physiotherapy, PIMS Loni. (2010-11)
<b>5.</b>	<b>Interdisciplinary programs offered by the Department and department involved-</b>	
	Name of Programs offered by our department	Involved Departments
		Within the institute                      Of the other institute
	BPT	Electrotherapy, Exercise Therapy Orthopedic Physiotherapy, Neuro-Physiotherapy Cardiorespiratory Physiotherapy, Community Physiotherapy, Pediatric Physiotherapy
	MPT	Orthopedic Physiotherapy Community Physiotherapy Neurophysiotherapy Cardiorespiratory Physiotherapy Pediatric Physiotherapy
		Anatomy, Physiology, Pathology, Biochemistry, Microbiology, Pharmacology, Medicine, Surgery, Orthopedics, Radiology, Pediatrics, ENT, Ophthalmology, Dermatology, Community Medicine, Psychiatry, OBG, Biostatistics, Environmental Sciences,
		Radiology, medicine, orthopedics, public health, biostatistics. Research Methodology.
	<b>Nature of involvement:</b> Academic & clinical/practical training in respective department	



6.	<i>Courses in collaboration with other universities, industries, foreign institution etc.</i>		There is collaboration for student & staff (exchange programme under Linnaeus palme) as well for research with Karolinska institute Stockholm Sweden. Academic collaboration with Dept of neurobiology & care, Karolinska Institutet, Sweden. No formal academic course collaboration.					
7.	<i>Details of programs discontinued, if any with reasons</i>		Nil					
8.	<i>Examination System</i>		<b>Annual</b>					
9.	<i>Participation of the department in the courses offered by other departments</i>		Orthopedics, Nursing, CSM, for Physiotherapy & Rehabilitation subject					
10.	<i>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</i>							
	<i>(a) Teachers</i>							
	<i>S.N.</i>		<i>Required as per MCI /DCI / INC/ UGC / Other Statutory bodies</i>	<i>Actual Faculty Strength (Recruited or filled)</i>				
			Required as per MS OTPT Council	<i>Male</i>	<i>Female</i>	<i>Total</i>		
	<i>I</i>	Professor	03	01	Nil	01		
	<i>ii</i>	Associate Professor Reader	03	02	02	04		
	<i>iii</i>	Assistant Professor Lecturer	07	06	04	10		
	<i>Sub Total( I to iii)</i>		13	09	06	15		
	<i>Iv</i>	Lecturer /Demonstrator	-	01	-	01		
	<i>V</i>	Tutor/ Counselor	-	-	01	01		
	<i>Vi</i>	Senior Resident	-	-	-	-		
	<i>ViiI</i>	Junior Resident	-	-	-	-		
	<i>Sub Total( iv to vii)</i>							
	<i>Grant Total ( i to vii)</i>		13	10	07	17		
	<i>(b)</i>							
	<i>Qualification Profile of Teachers</i>			<i>M</i>	<i>F</i>	<i>Total</i>		
	<i>With P.G. Degree Only</i>			09	07	16		
<i>With higher qualification than PG (Ph.D/D.Sc.)</i>			01	-	01			
<i>Other Higher Qualification (MRCP/PRCP/DM.M.Ch. etc.)</i>			-	-	-			
<i>Teachers Pursuing Higher Degrees</i>			05	03	08			
11	<i>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</i>							
	<i>a) Faculty (as UG/PG teachers) (Internal):</i>							
	<i>Sr. No</i>	<i>Name of Teaching Staff</i>	<i>Qualification</i>	<i>Designation</i>	<i>Area of Specialization</i>	<i>Teaching Experience in Years</i>	<i>No. of PG Students</i>	
							<i>Guiding</i>	<i>Guided</i>
01	Dr.S.M.Khatri	BPT,MPT, PhD	Principal	Orthopedics Physiotherapy	19.8 yr	01	40	
02	Dr.Keerthi Rao	BPT,MPT	Vice Principal	Orthopedics Physiotherapy	11 .3 Yr	01	12	



03	Dr.Mahendra Shende	BPT,MPT	Asso. Prof.	Neuroscience physiotherapy	12.4 Yr	01	09
04	Dr.Sharda Bhalerao	BPT,MPT	Asst. Prof	Neuroscience Physiotherapy	11 mths	NE	-
05	Dr.Neha Singh	BPT,MPT	Asst. Prof	Neuroscience Physiotherapy	03 mths	NE	-
06	Dr. A. Kazi	BPT,MPT	Asso. Prof	Cardio Respiratory physiotherapy	32.7 yr	02	05
07	Dr. Mahajan Aashirwad	BPT,MPT	Asst. Prof	Cardio Respiratory physiotherapy	3.3 yr	NE	-
08	Dr. Sambhaji Gunjal	BPT,MPT	Asst. Prof	Cardio Respiratory physiotherapy	1.8 yr	NE	-
09	Dr.Maria Lameual	BPT,MPT	Asst. Prof	Cardio Respiratory physiotherapy	Joined from 16/08/2016	NE	-
10	Dr.Deepali Hande	BPT,MPT	Asso. Prof	Community physiotherapy	8.8 yr	03	07
11	Dr.Nupoor Kulkarni	BPT,MPT	Asst. Prof	Community physiotherapy	3.8 yr	NE	-
12	Dr.Sant Shrikant	BPT,MPT	Asst. Prof	Community physiotherapy	2.10 yr	NE	-
13	Dr.Mandar Malawade	BPT,MPT	Asst. Prof	Pediatric physiotherapy	5.8	03	
14	Dr.Pallavi Rokade	BPT,MPT	Asst. Prof	Pediatric physiotherapy	Joined from 16/08/2016	NE	--
15	Dr.Hemant Rathod	BOTH	Lecturer	Occupational therapist	23.9 yrs	NA	



	16	Dr. Sheila Shrikhande	BDS, Psychology	Counselor	psychology	6.10 yrs	NA	
	(b) <i>Faculty of the Department as Ph.D. Guides (Internal as well as External) (as on this day) – Dr. S. M. Khatri Guiding 08 Ph. D. Students.</i>							
12	<i>List of senior Visiting Fellows, adjunct faculty, emeritus professors : (as on this day)</i>							
	Sr. No.	Name of the Faculty and their nature of involvement	Qualification	Designation and Affiliation	Area of Specialization	Experience in years		
	01	Kristina Kindblom	P.T, PhD	Professor, Karolinska institute, Sweden	Basic Body Awareness	21		
13	<i>Percentage of classes taken by temporary faculty programme wise information</i>				:	N.A.		
14	<i>Programme wise Teacher Student Ratio</i>				:	<i>Teacher Student Ratio</i>		
		<i>Programme</i>						
		<i>UG</i>			1: 4			
		<i>PG</i>			1:3			
		<i>Ph.D.</i>			1:8			
15	<i>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</i>							
	Sr. No.	Staff	Name of the Post	Required as per statutory Bodies	Actual Recruited			
					M	F	Total	
	1	Administrative	Clark Registration assistant	02 01	02	- 01	03	
	2	Technical		04	03	-	03	
	3	Support	Assistant librarian Assistant store keeper Staff nurse Peon Sweeper	01 01 Nil 03 01	01	01	02	
		Total			13	10	02	
16	<i>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</i> i) Yoga Therapy Ii) Health Promotion Iii) Ergonomics Iv) Manual Therapy V) Women’s Health Vi) Basic Body Awareness Vii) Brain Gym Viii) Stroke Rehabilitation Ix) Virtual Research Lab X) Learning Disability & Behavioral Disorder							
17	<i>Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise : (For the last 5 Years): There are 10 ongoing abstract projects, all sponsored by PIMS-DU</i>							
	<i>The details of projects are as follows:</i>							
	<i>a) Ongoing Projects of Faculty (as on this day) - all sponsored by PIMS-DU</i>							
	Sr. No.	Project Title			PI, Co-PI			





	<b>1</b>	Effectiveness of a 3 week Craniosacral Therapy and Maitland mobilization on headache characteristics, Headache Impact Test-6 and Northwick Park Neck Pain Questionnaire in Cervicogenic Headache: A Randomised Controlled Trial	Dr. Keerthi Rao			
	<b>2</b>	Effect of Otago exercises on balance, risk of fall and strength in community dwelling Elderly from rural area: 12 months follow up study	Dr. Deepali Hande			
	<b>3</b>	Awareness and Knowledge of Consent among Students of Dr. APJ Abdul Kalam College of Physiotherapy , Loni	Dr. Atharuddin Kazi			
	<b>4</b>	Quality of life in young children with different lifestyles	Dr. Mandar Malwade			
	<b>5</b>	Effects of neurodevelopmental technique on gait parameters in children with spastic diplegia	Dr. Mandar Malwade			
	<b>6</b>	Bioethics among practicing Physiotherapists in Maharashtra	Dr. Shrikant Sant			
	<b>7</b>	Effect of balloon blowing exercises on PEFR in patients with COPD	Dr. Sambhaji Gunjal			
	<b>8</b>	Static cycling v/s Treadmill walking on Gait parameters in Hemiparetics	Dr. Neha Singh			
	<b>9</b>	Effect of neuromuscular electrical stimulation on hand function in stroke	Dr. Sharda Bhalerao			
	<b>10</b>	Effect of physical therapy on Nerve conduction velocity on early prognosis of Bell's Palsy	Dr. Mahendra Shende			
<b>b) Completed Projects of the faculty ( last 5 Years)</b>						
<b>Note :- Do not include inter institutional collaborative research project / clinical trials at sl.No. 17. They must be included at Sl.No. 18 only</b>						
<b>18</b>	<b>Inter- institutional collaborative projects of faculty &amp; associated grants received (including clinical trials) excluding those included a Sr. No.16) (For the last 5 Years) (as on this day)</b>					Nil
<b>19</b>	<b>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data): 77</b>					
		<b>Research Projects under .taken by</b>	<b>Data as given under sl. No. of DER</b>	<b>Total Projects</b>	<b>On going</b>	
	(a)	The faculty at the Dept. ) Funded by Self or Department or University	17	<b>10</b>	<b>10</b>	
	(b)	Inter-Institution / Industry Projects (collaborate) including clinical trials	<b>NIL</b>			
	(c)	UG student /STS / ICMR Projects				
	(d)	UG students /STS /Mgt. Sponsored Project/ self-funded projects	19	67	09	58
	(f)	Research Projects funded by international agencies				
		<b>Total</b>		77	19	58



20	<i>(a) Research Facility / Center and recognition by state / National / International agencies.(as on this day)</i>		i) Electrotherapy Laboratory ii) Exercise Therapy Laboratory iii) Neurophysiotherapy iv) Cardio-respiratory physiotherapy v) community physiotherapy vi) orthopedic physiotherapy vii) Pediatric physiotherapy
	<i>In the department (Details of facilities in brief)</i>		i) Electrotherapy Laboratory ii) Exercise Therapy Laboratory iii) EMG-NCV Analysis Laboratory iv)PACS System for Radiographs v) Electrotherapy Laboratory ii) Exercise Therapy Laboratory iii) EMG-NCV Analysis Laboratory iv) Pulmonary function testing laboratory v) Computerized Dynography vi) Computerized Balance Board vii) cardio-pulmonary endurance testing
	<i>In other department (Details of facilities by the department) used by us.</i>		i) Central Library ii) Information Technology Centre/ Telemedicine iii) Medical Record Department iv) CCL v) PMT Rural Hospital vi) Language laboratory
	<i>In other college ( Details of facilities used by us)</i>		Anatomy & physiology laboratories, Pathology laboratory, Med, Surg, Ortho, Obs & Gynae, PHCs etc
	<i>At central level ( Details of facilities used by us)</i>		PRH, RMC, CON
21	<i>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization of any.</i>		Nil
22	<i>Publication data of last 5 years Publications in peer reviews journals and conference proceeding (ISSN)</i>		<i>National: 39 International:62 Other----- Total: 101</i>
	<i>Publication in Non-Peer reviewed Journals / conference proceeding )</i>		<i>National ----04---- International-----05----- Other----- Total-----09 : NA</i>
	<i>No. of Monographs (ISBN/NON ISBN)</i>		: 04 (ISBN)
	<i>No. of Books Published (ISBN/NON ISBN)</i>		: 02 ( ISBN: 11/03/14:978-3-659-12804-2 / )
	<i>No. of Edited Books (ISBN/NON ISBN)</i>		: Nil
	<i>No. of chapters in Books with details of publishers (ISBN/NON ISBN)</i>		: Nil
	<i>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.)</i> 86		
	<i>Research publication included and listed in international database are 86 Out of total publication.</i>		
	<i>No. of Citation Index – range / average</i>		: 0 – 37
	<i>SNIP</i>		: University data



		<b>SJR</b>	:	University data		
		<b>Impact Factor- range/average</b>	:	0.5 – 5/ 2		
		<b>h-index</b>	:	0 – 6		
<b>23</b>	<b>Details of patents filed / granted and income generated (5 Years data)</b>			<b>Nil</b>		
<b>24</b>	<b>Areas of consultancy and income generated(5 Years data)</b>			Paid Consultancy - <b>NIL</b> 1. Honorary Consultancy ASHA workers, Dwarkamai Old Age home Shirdi, 2. 90.8 KVK Radio, SHHAPE Project		
<b>25</b>	<b>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data)- Ten teachers have visited Kerolinska, Swedan, Europe under Linear Palme Teacher Exchange Accord.</b>					
	----No. of faculty were selected to visit L/I/I in India and abroad. (Laboratories, Institutions, Industries)The details are as follows :					
	Sr. No.	Name of the Faculty	Year of Visit			
	1	Dr.Sambhaji Gunjal,	2016			
	2	Dr.Sant Shrikant ,	2016			
	3	Dr.Deepali Hande	2015			
	4	Dr.Mandar Malawade	2015			
	5	Dr.Keerthi Rao	2014			
	6	Dr.S.M.Khatri	2014			
	7	Dr.Nisha Shinde	2013			
	8	Dr.Mahendra Shende	2013			
	9	Dr.Deepak Anap	2011			
	10	Dr.A.Kazi	2011			
	11	Dr. Deepali Hande	2015			
	12	Dr. Keerthi Rao	2011			
	13	Dr. Keerthi Rao	2016			
	14	Dr. A. Kazi	2015			
	15	Dr. Subhash Khatri	2015			
	16	Dr. Subhash Khatri	2015			
	17	Dr. Mahendra Shende	2015			
<b>26</b>	<b>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data)</b>					
	Total no. of facult in PIMS-DUcommitted-16					
	<b>(a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data)</b>					
	Total No. of Faculty: 16	Inter-National level	National level	State level	Others level	Total
	Fellowship	Nil				
	Membership	04	10	15	03	32
	Honor	Nil	--	Nil	09	09(2+ 2+5)
	Any other	--	--	Nil	Nil	Nil
	<b>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data)</b>					
		Total	Inter-National Level	National Level	State Level	Others level
	Editor	Nil	Nil	Nil	Nil	Nil
	EB	12	04	06	Nil	02
	Peer Reviewer	01	01	Nil	Nil	Nil



27	<b>Faculty recharging strategies (UGC, ASC/MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)</b>										
	Sr. No.	Type of the Program			No. of FDPs participated			Total			
				College Level	State / University Level	National Level	International Level				
	1	Orientation/Refresher/MET/CME			11	03	02	01	21		
	2	Workshop/Seminar/ Symposium/ conferences			15	04	16		35		
	3	FDPs (guest lecture, training, CM, CPC, etc.)			15	Nil	04	06	25		
28	<b>Students Projects:</b> The U.G. P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)										
	Sr. No.	UG Projects (Including ICMR, STS)			PG Projects			PG Dissertations			
		Ongoing	Completed	Total	Ongoing	Completed	Total	Ongoing	Completed	Total	
	1.	33	46	79	09	24	32	09	47	56	
	<b>Percentage of students who have done in house projects including inter departmental project</b>								:	100%	
	<b>Percentage of students doing projects in collaboration with other universities/industry/institute</b>								:	Nil	
	<b>Details of PG dissertations are given in the annexure</b>							:	Enclosed : ANNEXURE – II		
29	<b>a) Research Awards/recognitions received at the national and international level (5 Years data) :</b>										
	Sr. No.	Received by		International			National		State/ University	Total	International
	1	Faculty		3			4		1	07	Nil
	2	Student UG		Nil			Nil		01	01	Nil
	3	Student PG / Ph.D		Nil			Nil		Nil	Nil	Nil
		Total		03			04		01	08	Nil
	b) General awards of faculty and students (other than Research, for teaching extension, social service) – 5 Teachers have received general awards at PIMS-DU										
	<b>(i) For Academic (Teaching) service for faculty (5 Years data)</b>										
	<b>(ii) General Awards to Faculties &amp; Student for Social service / Extension activities. (5 Years data)- Teachers have won 6national awards and one state award for their Social Service,</b>										
30	<b>a) Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data)</b>										
		Total	National	State	Univ / College Level	Funding Source	No. of participants	No. of Resource Persons			
	Seminar (S)	20	NIL	NIL	20	NIL	145 in each	01			
	Symposia (S)	01			01	NIL	80	01			



	Conference (C)	1	01	NIL	NIL	IAP ICMR MUHS Commercial Funding	1500	15
	Workshops (W)	13	02	NIL	11	PIMS-DU	80 in each.	25
	FDPs	03	NIL	NIL	03	PIMS-DU	12	10
	Total	36	02	NIL	21	NIL	1737	52
<b>b)</b>	<i>Note : Reports on details of S/S/C/W and External Resource person, delegates attended and Proceedings etc. are given in the annexure in the following format : <b>ANNEXURE III Attached</b></i>							
<b>31.</b>	<i>Code of ethics for research followed by the departments:</i>					<b>ICMR Ethical Guidelines</b>		
<b>32.</b>	<i>Student Profile programme-wise :</i>							
	<b>Note- Give Results only for Regular Batch.</b>							
<b>33</b>	<i>Diversity of Students : a) PG Programme</i>							
	Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries		
	MPT	2010-11	03, 30%	06, 46%	03, 23%	NIL		
	MPT	2011-12	5,35%	6, 42%	2,14%	1, 7%		
	MPT	2012-13	6, 46%	4, 30%	3,23%	NIL		
	MPT	2013-14	6,46%	4, 30%	3, 23%	NIL		
	MPT	2014-15	3, 27%	7, 63%	1, 9%	NIL		
	MPT	2015-16	2, 22%	7, 77%	NIL	NIL		
	<i>b) UG Programme Copt office</i>							
	Name of the Course refer to question no. 4	Year	No. and % of students from state board	No. and % of students from other boards within the state	No. and % of students from boards outside the state	No. and % of students from other Countries		
	BPT	2011-12	31 ;100%	NIL	NIL	NIL		
	BPT	2012-13	39; 93%	03:7%	NIL	NIL		
	BPT	2013-14	48;100%	NIL	NIL	NIL		
	BPT	2014-15	53:95%	2;5%	NIL	NIL		
	BPT	2015-16	52%	2, 3%	NIL	NIL		
<b>34</b>	<i>How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.)-Nil</i>							
<b>35.</b>	<i>Student progression:</i>					<i>: Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)</i>		
	Student Progression				% against enrolled			
	I	UG – PG Studies			60%			
	2	PG - SS			Nil			
	3	PG – Ph. D.			10%			
	4	UG to employment			40%			
	5	PG to employment			30%			





<b>36.</b>	<b>Diversity of Staff as on this day</b>				
	<b>Number and % Diversity of Staff ( as on this day ) belonging to</b>		<b>% Staff who have obtained PG Degree from</b>		
	<i>Same State/UT</i>	<i>No. &amp; % : 15/94%</i>	Parent University <i>No. &amp; 08/40%</i>		
	<i>Outside State/UT</i>	<i>No. &amp; % : 01/6%</i>	Other Universities of the State <i>No. &amp; 05/30 %</i>		
	<i>Other States</i>	<i>No. &amp; % : 01/6%</i>	Other State University <i>No. &amp; 01/6%</i>		
	<i>Other Countries</i>	<i>Nil</i>	Other Countries <i>Nil</i>		
<b>37</b>	<b>Number of faculty who were awarded M. Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) : Nil</b>				
<b>38.</b>	<b>Present details of departmental infrastructural facilities with regard to :</b>				
<b>A) Infrastructural facility (Common to all departments):</b> 7377.72 sq.ft.					
<b>a) Library (dept): No. of Collections Book/Journal/ Project Report</b>		:	Central Library: 16133 Departmental Library: 129		
<b>Central Library books and Journal belonging to our department (both print and e mode)</b>					
<b>b) Internet facilities for staff and students</b>		:	i) Wi-Fi enabled campus and hostels. ii) Central Digital Library with 20 computers		
<b>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive &amp; Inclusive)</b>		:	Class Rooms-04 Demo Rooms 01 Seminar Halls- 01 Auditorium 01 Other s- 02 Laboratory		
<b>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive)</b>		:	03 Classrooms with ICT facility 01 Auditorium with ICT facility		
<b>e) Students laboratories at the Department</b>		:	02 Laboratories		
<b>f) Research Laboratories of the Dept.</b>		:	02		
<b>g) Museum at the Department and no. of specimen, charts, Modules etc.</b>		:	15 Models 20 Charts		
<b>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)</b>		:	i) EMG-NCV Equipment ii) Gait Analyser iii) Balance Testing Equipment iv) Microwave Diathermy v) Phy-action Machine vi) PFT equipment		
<b>B) Clinical learning resource data (as submitted to MCI / DCI / INC / Others / UGC)</b>					
<b>(a) Beds</b>	<b>(b) Units</b>	<b>(c) Special Clinics</b>	<b>(d) ICUs</b>	<b>(e) Wards</b>	<b>(f) OTs</b>
12	05	NIL	13385	66635	NIL
<b>(g) OPD Patients / day ( Average )</b>		<b>(h) IPD Patients / day ( Average )</b>	<b>(i) Operation / day</b>		<b>(j) Diagnostic Tests</b>
33		57	<b>Major</b>	<b>Minor</b>	<b>OPD</b> <b>IPD</b>
			NIL	NIL	11   3
<b>(k) Patient's Feedback</b>		<b>(l) GHP / GLP / SOPs</b>	<b>(m) Submission of Compliance /Follow-up Reports to National /State Agencies</b>		
1500		12	NIL		



	<p><b>C) Para clinical learning resource (CCL Radiology &amp; Departmental Diagnostic Lab) Data &amp; Report : Details on Sophisticated diagnostic equipments and facilities , No. of diagnostic tests (Average per day and annual)</b></p> <p>i) Well equipped Central Clinical Laboratory            ii) Radiology Department with MRI and Sonography as well as Color Doppler facilities.</p>									
	<p><b>D) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well</b></p>					<p>: 10-15 Patients per day on average.</p>				
<b>39.</b>	<p><b>No. of doctoral students and Research Associates / PDF working</b></p>									
	From	Doctoral Student			PDF	RA	Others		Total	
	Host Institution	08			Nil	Nil	Nil		08	
	Other Institution	04			Nil	Nil	Nil		04	
	<p>Number of Research Pdf/RA receiving fellowship from central agency / University: <b>Nil</b>            No. of Ph.D. Awarded by the Dept during last 5 years: <b>Nil</b></p>									
<b>40</b>	<p><b>(a) Number of students getting financial assistance from the university: Nil</b></p>									
	<p><b>PG and Ph.D. Students getting assistance from the University : NIL</b></p>									
	Sr. No	Type of Scholarship form	PG/ Ph.D.	Academic Year	Total No. of Students				Total Amount received from students	
			10-11	11-12	12-13	13-14	14-15	15-16		
	1	Central Gov	10	12	12	27	22	20	103	<b>26,00,000/</b>
<b>41</b>	<p><b>Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :Yes.</b></p> <p>i) College prepares proposal of new UG/PG/Certificate course.            ii) The University discusses the proposal in Board of Studies meeting which is followed by Academic Council and Board of Management Meeting.            iii) After discussion and amendments as well as suggestions from members final presentation is prepared and appropriate decisions are taken.            iv) The course is implemented from next academic year.</p>									
<b>42</b>	<p><b>Does the department obtain feedback from</b></p>									
	Sr. No.	From	Yes/No	Feedback Manual / Digital	How the feedback analysis is used for improvement					
	1	Student	Yes	Digital	Analysis, discussion & implementation					
	2	Faculty	Yes	Manual	Analysis, discussion & implementation					
	3	Alumni / Parents/ Employer	Yes	Manual	Analysis, discussion & implementation					
<b>43</b>	<p><b>List the distinguished alumni of the department (Maximum 10) ( UG student or PG Student belonging to the subject) List to be attached:</b></p>								Name and designation with address	
	Sr. No.	Name & Designation			Details at the PIMS University & Year				Place of work of alumni	
	1	Nikhil Kasar			Faculty, Sheffield Hallam University, UK				UK	



	2	Deepika Sawant	Registered Therapist, Apex Physiotherapy and health care, Abbotsford, British Columbia	Columbia																																								
	3	Shweta Patel	Licensed Therapist, Australia	Australia																																								
	4	Samika Khandelwal	Licensed Therapist, Canada	Canada																																								
	5	Tulsi Jani	Licensed Therapist, Rockford, Illinois	Illinois																																								
	6	Amruta Gunjal	Licensed Therapist, Michigan	USA																																								
	7	Kapil Mangaldas	Certified Therapist, USA	USA																																								
	8	Afroz Pasha	Certified Therapist, USA	USA																																								
	9	Viral Katera	Certified Therapist, USA	USA																																								
	10	Shefali Gandhi	Certified Therapist, USA	USA																																								
	11	Sanket Naik	Physical therapist, Rush Memorial hospital, Indiana	USA																																								
<b>44.</b>	<p><b><i>Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</i></b>  <b>The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under</b></p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Event (SEP) UG + PG</th> <th>No. Events</th> <th colspan="2">No. of Prominent</th> </tr> <tr> <td></td> <td></td> <td></td> <th>External Experts</th> <th>Internal Experts</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>Guest Lecture on Physiotherapy</td> <td>02</td> <td>Dr. Ramteke G.J</td> <td>Nil</td> </tr> <tr> <td>02</td> <td>Panel Discussion on Physiotherapy in India</td> <td>01</td> <td>Dr. Varad Rajulu</td> <td>Nil</td> </tr> <tr> <td>03</td> <td>Panel Discussion Physiotherapy in India</td> <td>01</td> <td>Dr. Tushar Palekar</td> <td>Nil</td> </tr> <tr> <td>04</td> <td>Guest Lecture on Facet Joint Disorders</td> <td>01</td> <td>Dr. Deepak Anap</td> <td>Nil</td> </tr> <tr> <td>05</td> <td>Basic Body Awareness Workshop</td> <td>03</td> <td>Dr. Kristina Kindblom</td> <td>Nil</td> </tr> <tr> <td>06</td> <td>Guest Lecture on Osteoarthritis School</td> <td>01</td> <td>Dr. Christina Opawa</td> <td>Nil</td> </tr> </tbody> </table> <p><b>(Details given in annexure)</b></p>				Sr. No.	Event (SEP) UG + PG	No. Events	No. of Prominent					External Experts	Internal Experts	01	Guest Lecture on Physiotherapy	02	Dr. Ramteke G.J	Nil	02	Panel Discussion on Physiotherapy in India	01	Dr. Varad Rajulu	Nil	03	Panel Discussion Physiotherapy in India	01	Dr. Tushar Palekar	Nil	04	Guest Lecture on Facet Joint Disorders	01	Dr. Deepak Anap	Nil	05	Basic Body Awareness Workshop	03	Dr. Kristina Kindblom	Nil	06	Guest Lecture on Osteoarthritis School	01	Dr. Christina Opawa	Nil
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<b>45.</b>	<p><b><i>a) List the teaching methods adopted by the faculty for different programmes:</i></b>  A: Traditional B: Blended C: ICT enabled D: Learning Centric Approach E: Beyond Curriculum  Scholarly activities : Integrated teaching , (H &amp; V), Case Shedy, PBL, Debate, PAL, Project</p> <p><b><i>b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling,</i></b>  i) Problem based learning sessions  ii) Individual Student counseling sessions  iii) Individual student mentorship involving all teaching staff  iv) Revision classes and extra sessions of clinical teaching for conceptual induction  v) Clinical Teaching along with bedside teaching sessions  vi) Electrotherapy equipment handling and safety measures training in Electrotherapy Lab.  vii) Patient communication skill training and Manual palpation skills training in Exercise therapy lab.  viii) Pulmonary Function testing in PFT Lab about performance and interpretation and diagnosis.  ix) Nerve conduction velocity testing and interpretation training in EMG-NCV lab.</p>																																											
<b>46.</b>	<p><b><i>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?</i></b>  i) Periodical class tests  ii) Regular Student feedback  iii) Assignments</p>																																											



	iv) Case presentations and discussions				
47	<b>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive)</b>				
	j) <b>Involvement of student and faculty in various type of extension activity organized by the dept.</b> <b>ANNEXURE IV Attached</b>				
	Sr. No.	No. of Camps/Workshops/ Surveys/Training/Rallies/Lectures/Celebrations/ any other events.	Academic Year	No. of Beneficiaries	
	1	12	2010-11	600	
	2	11	2011-12	476	
	3	16	2012-13	800	
	4	12	2013-14	550	
	5	05	2014-15	148	
	6	09	2015-16	231	
	k) <b>Our faculty is involved extension in health awareness programs organized by the college / University through lectures, rally, camps/training. as HR / Contributions</b>				
	Sr. No	Programme	Venue	Topic	Date
	1.	World Women Health Day	Rahata PHC	Menstrual Disorders	24/08/2015
	2.	World Health Day	COPT, Loni	Menopause and PT	08/10/2015
	3.	Screening Camp on Diabetes A& Hypertension	Pathre, PHC	DM & HTN	17/12/13
	4.	General Screening Camp	Tambere		02/01/13
	5.	General Screening Camp	Nimgaon Jali		09/01/13
	6.	General Screening Camp	Digras		16/01/13
	7.	General Screening Camp	Rajuri		23/01/13
	8.	General Screening Camp	Chincholi		13/02/13
	9.	General Screening Camp	Rampurwadi		20/02/13
	10.	General Screening Camp	Ukkalgaon		27/02/13
	11.	General Screening Camp	Dadh		06/03/13
	12.	SHHAPE Camp	Bhandardara		31/07/13
	13.	SHHAPE Camp	Zarekathi		13/08/13
	14.	Study Visit	Hemophilic Nursing Home, A'bad		26/08/13
	15.	World Physiotherapy Day G.S. Camp	Sadatpur		06/09/13
	16.	SHHAPE Camp	Durgapur		21/10/13
	17.	Multi-Diagnostic Camp	Kopargaon		25/11/13
	18.	SHHAPE Camp	Bhandardara		27/11/13
19.	Multi-Diagnostic Camp	Shrirampur		15/12/13	
20.	Hypertension and Diabetic Screening Camp	Pathare		17/12/13	
21.	Multi-Diagnostic Camp	Rahuri		22/12/13	
<b>2014</b>					
22.	Multi-Diagnostic Camp	Sangamner		05/01/14	
23.	SHHAPE Camp	Durgapur		17/01/14	
24.	SHHAPE Camp	Dadh		24/01/14	
25.	Woman's Day Celebration	Screening Camp for Breast Cancer, PMT.		08/03/14	
26.	Old Age Home Visit	Shirdi		26/03/14	
27.	Industrial Visit	PVVP Sugar Factory		24/03/14	
28.	Multi-Diagnostic Camp	Nipani Vadgaon		20/07/14	
29.	SHHAPE Camp	Durgapur		04/07/14	



30.	SHHAPE Camp	Pimpari-Louki		11/07/14
31.	SHHAPE Camp	Tisgaonwadi		18/07/14
32.	SHHAPE Camp	Bhandardara		25/07/14
33.	School Visit	PVVP Deaf & Blind School, Babhaleshwar.		08/08/14
34.	Visit to Radio Centre	KVK, Babhaleshwar.		11/08/14
35.	Industrial Visit	HTN Checkup camp, PVVP Engineering College		01/09/14
36.	SHHAPE Camp	Bhandardara		07/10/14
37.	Hello Doctor	PMT		21/10/14
38.	School Visit	PVVP Deaf & Blind School		10/11/14
39.	Industrial Visit	PVVP Sugar Factory		11/11/14
40.	SHHAPE Camp	Pimpari-Lauki		21/11/14
41.	Hello Doctor	PMT		30/12/14
<b>2015</b>				
42.	Multi-Diagnostic Camp	Kopargaon		11/01/15
43.	Woman's Day Celebration	Awareness lecture on PCOD for Physiotherapy Students, PMT.		08/03/15
44.	Industrial Visit	PVVP Sugar Factory		02/04/15
45.	World Health Day Celebration	Awareness on Prolapse Lecture, Rahata.		07/04/15
46.	Old age Home Visit	Shirdi		12/04/15
47.	SHHAPE Camp	Khali		10/07/15
48.	SHHAPE Camp	Durgapur		13/07/15
49.	Yoga Classes and Yoga Day Celebration	Rahata		09/07/15-20/07/15
50.	SHHAPE Camp	Tisgaon		31/07/15
51.	SHHAPE Camp	Bhandardara		13/08/15
52.	Doctorche Bol	KVK, Babhaleshwar		12/08/15
53.	SHHAPE Camp	Rahata Pimplas		27/08/15
54.	SHHAPE Camp	Bhandardara		10/09/15
55.	SHHAPE Camp	Durgapur		15/09/15
56.	SHHAPE Camp	Galnimb		22/09/15
57.	Woman's Health Awareness Program	Diastases Rectii and Physiotherapy, Rahata.		19/10/15
58.	Screening Camp for O.A. with International Faculty	Rahata		31/10/15
48.	<b>Give details of "beyond syllabus scholarly activities" of the department :</b> i) The faculty and Postgraduate students regularly attend CME's/ CPE's/ Workshops and Conferences to update their knowledge. ii) The college regularly arranges field visits to various geriatric/industrial/social settings to update the skills of students and faculties. iii) The faculty and student visits Karolinska Institute, Sweden since 2010, which help them to enhance the professional understanding and widening the conceptual knowledge. iv) ICU orientation programs are arranged on regularly basis for UG students for orientation purpose.			
49.	<b>State whether the programme / department is accredited / graded by other agencies? If yes, give details: CPT approved by UGC, OTPT</b>			
50.	<b>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied ( based on published research articles, paper, projects, books, Patents etc.</b> i) Two Books, Three Monographs were published by faculty members. ii) Papers published by faculty in International and National Journals of importance.			





- iii) Papers were presented by faculty and students in different conferences.
- ii) Minor Projects are encouraged to get published in various journals by PG students and Interns.

**b) Salient and unique feature of Department.**

- **Rural location:** The Institute is located in rural area of Loni village which is primarily a agricultural geography. The location provides key position in healthcare delivery to Institute which covers more than 60 primary health centers. The Dr. A. P. J. Abdul Kalam College of Physiotherapy is unique and only Physiotherapy treatment providing facility in nearby vicinity. Which enables the Institute to serve large section of population which otherwise is not accessible to quality healthcare services.
- **L-P collaboration:** Linnaeus-Palme is an international exchange programme that aims to stimulate cooperation between higher education institutions in Sweden and in low and middle income countries. The purpose is to strengthen the internationalization of Swedish higher education institutions. Karolinska Institute in Sweden and PIMS-DU signed the MoU in 2011, and a planning visit was undertaken by two staff of PIMS-DU to Karolinska Institute, Sweden in September 2011. Followed by two staff visited PIMS-DU from Karolinska for preparing agreement, after which student and staff exchange program started in 2012-13. Till today 10 teaching staff and 4 students visited Karolinska Institute, Sweden under this program.
- **Erasmus Mundus participation:** Two of faculty members received the Euphrates Scholarship for PhD study at T.E.I. Patras University, Greece in 2014 for two years.
- **Named as Dr. APJ Abdul Kalam:** Considering the contribution of Hon. Ex. President of India, Dr. A. P. J. Abdul Kalam in education and technology field, the PIMS-DU honored him by giving his name to College of Physiotherapy in 2016. His Highness, Dr. A. P. J. Abdul Kalam, visited Pravara Institute of Medical Sciences in 2005 and distributed 1500 FRO calipers to needy on occasion of his birthday.
- **Artificial limb center:** The Dr. A. P. J. Abdul Kalam College of Physiotherapy incorporates well equipped, state of the art Artificial Limb Center, which provides individually designed prostheses and Orthoses to the patient. This in-house facility also provides various splints and modified assistive devices to the needy on lowest possible cost. The ALC also part of regular postings and education to UG and PG students. Also, the ALC is engaged in research activities.
- **Treatment cost:** The Institute provides quality healthcare services in negligible cost under various schemes of Pravara Rural Hospital, Loni. Free check-up and referral camps are arranged regularly along with Center for Social Medicine, Preventive and Social Medicine Department and constituent Institutes of PIMS-DU. Multi-Diagnostic Camps and Free Treatment Camps on the occasion of birthday of Padmashree Dr. Vitthalrao Vikhe Patil are organized annually for local rural population.
- **Health promotion:** The Institute executes various programs and camps in rural area in vicinity to promote health, the Community Physiotherapy Department and Center for Social Medicine, PMT carry out various educational activities for ASHA, Anganwadi and MSW workers. The Institute conducts educational seminars and workshops in Primary Health Centers on occasion of various world health events like World Health Day, Women Health Day, World Diabetes Day and many more.
- **Campus interview:** Eminent Physiotherapy service providers like, Qi-Spine Physiotherapy Services has conducted campus interview in Institute in 2015 and selected 15 of UG and PG students out of campus interview in 2015. Also, the faculty of the Institute helps students to select and apply for various well known and reputed Hospitals, Academic Institutions nationally and abroad. Number of Alumni's of Institute has been working in prominent Physiotherapy related service providers.

**c) Innovation of the Department.**

- Health promotion activities using Nordic walking Sticks and Hoola-Hoops.
- Arthritic School practice for elderly patients
- Zumba Classes as a aerobic activities for students and faculty on regular basis.

**d) Best practice of the Department**

1. Innovative Teaching
2. Revision of UG & PG Syllabus
3. Introduction of CBCS Syllabus



	<p>4. Peer group learning  5. Academic debate  6. Seminar &amp; journal club&amp; case presentation per week  7. OSCE &amp; OSPE exam pattern  8. Organizing screening camp  9. Guest lecturers given by internal &amp; external experts from other university  10. More than 100 publications in national &amp; international journals by faculty</p>								
<b>51.</b>	<p><b>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department: (Important or major ones) in bullet form. SWOC</b></p> <table border="1"> <tr> <td><b>Strength</b></td> <td> <p>Student exchange with KI Sweden  Faculty exchange with KI Sweden  LP exchange  Erasmus Mundus participation  EUPHARATUS participation  Rural rehabilitation exposure  The only physiotherapy college named after Dr. APJ Abdul Kalam college of physiotherapy.  KI collaboration- Linnaeus -Palme teacher and student exchange programme with Karolinska institute Stockholm for faculty and students.  Academics- PhD qualified and registered faculty in all specialty  Campus Interviews from renowned Professional Agencies.  Artificial Limb center  BPT &amp; MPT courses are approved by MS OTPT council  Interdisciplinary clinical teaching  Exposure to rural physiotherapy practice  <b>Extension- Physiotherapy services to 5 PHCs</b></p> </td> </tr> <tr> <td><b>Weaknesses</b></td> <td> <p>International/National research funding  Research consultancy  Infrastructure enhancement is required</p> </td> </tr> <tr> <td><b>Opportunities</b></td> <td> <p>Starts MPT sports, geriatric courses  Starts certificate courses in EMG/NCV &amp; PFT  Starting spinal rehabilitation center  Europe - Euphrates program for students and staff  International research collaboration  To become top most college in college in Maharashtra  Availing world class learning facilities and equipments for students</p> </td> </tr> <tr> <td><b>Challenges</b></td> <td> <p>Increase long term follow-up by patients  Increase awareness in population about health &amp; hygiene  Rural location  Lack of central PROFESSION REGULARITY AUTHIRITY GUIDELINES</p> </td> </tr> </table>	<b>Strength</b>	<p>Student exchange with KI Sweden  Faculty exchange with KI Sweden  LP exchange  Erasmus Mundus participation  EUPHARATUS participation  Rural rehabilitation exposure  The only physiotherapy college named after Dr. APJ Abdul Kalam college of physiotherapy.  KI collaboration- Linnaeus -Palme teacher and student exchange programme with Karolinska institute Stockholm for faculty and students.  Academics- PhD qualified and registered faculty in all specialty  Campus Interviews from renowned Professional Agencies.  Artificial Limb center  BPT &amp; MPT courses are approved by MS OTPT council  Interdisciplinary clinical teaching  Exposure to rural physiotherapy practice  <b>Extension- Physiotherapy services to 5 PHCs</b></p>	<b>Weaknesses</b>	<p>International/National research funding  Research consultancy  Infrastructure enhancement is required</p>	<b>Opportunities</b>	<p>Starts MPT sports, geriatric courses  Starts certificate courses in EMG/NCV &amp; PFT  Starting spinal rehabilitation center  Europe - Euphrates program for students and staff  International research collaboration  To become top most college in college in Maharashtra  Availing world class learning facilities and equipments for students</p>	<b>Challenges</b>	<p>Increase long term follow-up by patients  Increase awareness in population about health &amp; hygiene  Rural location  Lack of central PROFESSION REGULARITY AUTHIRITY GUIDELINES</p>
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<b>52</b>	<p><b>Future Plan</b></p> <p><b>1. Certificate Courses:</b></p> <ul style="list-style-type: none"> <li>● ICT in Rural development</li> <li>● Basic body awareness</li> <li>● Cardio-Pulmonary Resuscitation</li> <li>● EMG and NCV</li> <li>● Manual Therapy</li> <li>● Brain Gym</li> </ul> <p>2. Mobile physiotherapy VAN  3. International research funding  4. Enhancement in Infrastructure</p> <p><b>Strategies and Policies:</b></p> <p>i) Research collaboration with Karolinska Institutet, Sweden in future.  ii) Improving research activities and publication quality and quantity in future.  iii) Arranging regular alumni meetings for student support and guidance</p>								



	<ul style="list-style-type: none"><li>iv) Periodical sessions for personality development</li><li>v) Yoga sessions and Aerobic activities for teaching and non-teaching faculties.</li><li>vi) Simulation and Skill lab with mannequin's establishment.</li><li>vii) Regular Interdepartmental symposium scheduling.</li><li>viii) Clinical exercise testing laboratory with stress testing equipments</li><li>ix) Association with Spinal Cord Injury Rehabilitation Center</li><li>x) Establishing Hydrotherapy facility within institution in future.</li></ul>
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---Sd/---

**Name & Signature  
(Head of the Dept.)**

---Sd/---

**Name & Signature  
Principal of the College**



# College of Nursing



Value based education research driven healthcare









**Pravara Institute of Medical Sciences (Deemed University)**

**Institution: College of Nursing**

**Departmental Evaluative Report (DER)**

**Based on the date of 5 years: 2011 – 12 to 2015 – 16**

<b>1</b>	<b>Name of the Department</b>		:	<b>College of Nursing</b>									
<b>2</b>	<b>Year of establishment</b>		:	1999									
<b>3</b>	<b>Is the Department part of a School/Faculty of the university?</b>		:	Yes Faculty – Allied Health Sciences (Pravara Institute of Medical Sciences – Deemed University)									
<b>4</b>	<b>a) Names of programmes offered</b>		:	As on this day									
	<b>Programme</b>	<b>Name of Programme</b>	<b>Year of Establishment</b>	<b>Intake per year</b>	<b>Fresh enrollment for academic year</b>	<b>Current Student Strength</b>							
	UG	B. Sc Nursing	1999	30	30	112							
		Post Basic B.Sc Nursing	2008	25	10	19							
	PG	M.Sc Nursing	2009	25	19	29							
	Ph.D	PhD in Nursing	2009	08	06	15							
	Any other (SS/innovative)	Pediatric and Neonatal Nursing	2007	10	--	--							
	Certificate / Diploma	Patient assistant course	2014	20	19	19							
	<b>Total</b>	<b>06</b>		<b>118</b>	<b>86</b>	<b>194</b>							
	Post basic diploma *	Critical Care Nursing	2016	15	--	--							
		Orthopedic and Rehabilitation Nursing	2016	15	--	--							
	Certificate course** (short term)	Geriatric Nursing	2016	20	--	--							
		Yoga and Health	2016	20	--	--							
		Operation Theatre Technique	2016	20	--	--							
		In Vitro Fertilization	2016	20	--	--							
*These courses are approved by INC in 2016, and the students will be enrolled from the month of October 2016.													
** The certificate courses are approved by PIMS (DU) in 2016, and the students will be enrolled from the month of October 2016.													
<b>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</b>													
	<b>Name of Subject</b>	<b>Total Hours of Teaching – Learning</b>				<b>No. of Papers &amp; Practical to be Taught</b>			<b>Marks for University Exam (Total)</b>				
		<b>Theory</b>	<b>Prac.</b>	<b>Oth</b>	<b>Total</b>	<b>Pa per</b>	<b>Pr ac</b>	<b>Ot he rs</b>	<b>Pap er</b>	<b>Prac</b>	<b>Viva</b>	<b>Di ss</b>	<b>Tot</b>
U	B.Sc nursing	2100	3820	285	6205	16	7	3	1900	900	--	--	2800
G	P.B.B.Sc nursing	880	1725	--	2605	13	5	2	1400	500	--	--	1900
P	M.Sc nursing	900	2500	60	3460	6	4	--	600	500	100	100	1300
G													
<b>c) Latest revision of curriculum/ syllabus in 2015 Year and their salient features</b>													



<p><b>BOS dated on 30.09.2015, following changes were made:</b></p> <p><b>B.Sc (N) Year:</b> I year <b>Sub.:</b> Physiology <b>Hours:</b> 05 included (Unit IV: Nervous system – 1 hour, Unit V: Circulatory system – 2 hour and Reproductive system – 2 hour)</p> <p><b>B.Sc (N) Year:</b> III year <b>Sub.:</b> Med. Surg. Nsg <b>Hours:</b> 10 included (Unit XII: Biomechanics and medical equipments – 2 hour, Unit XIII: Forensic nursing – 4 hour and Unit XIV: Electromagnetic and health – 4 hour)</p> <p><b>B.Sc (N) Year:</b> III year <b>Sub.:</b> Pediatric Nsg <b>Hours:</b> 05 included (Unit VII: Sports nursing – 5 hour)</p> <p><b>P.B.B.Sc (N) Year:</b> I year <b>Sub.:</b> Med. Surg. Nsg <b>Hours:</b> 06 included (Unit XVIII: Biomechanics and medical equipments – 2 hour, Unit XIX: Forensic nursing – 2 hour and Unit XX: Electromagnetic and health – 2 hour)</p> <p><b>P.B.B.Sc (N) Year:</b> I year <b>Sub.:</b> Pediatric Nsg <b>Hours:</b> 05 included (Unit VI: Sports nursing – 5 hour)</p> <p><b>M.Sc (N) Year:</b> II year <b>Sub.:</b> Med. Surg. Nsg (CCN) <b>Hours:</b> 05 included (Unit XVI: Legal and ethical issues in CCN including forensic nursing – 3 hour, Unit XVIII: Biomechanics and medical equipments – 2 hour)</p> <p><b>M.Sc (N) Year:</b> II year <b>Sub.:</b> Med. Surg. Nsg (Ortho) <b>Hours:</b> 05 included (Unit IV: Injuries including sports injuries – 5 hour)</p> <p><b>BOS dated on 29.06.2016 following changes were made:</b></p> <p><b>B.Sc (N) Year:</b> I year <b>Sub.:</b> Nutrition <b>Hours:</b> 03 included (Unit XII: Diets in Ayurveda – 3 hour)</p> <p><b>P.B.B.Sc (N) Year:</b> I year <b>Sub.:</b> Nutrition and dietetics <b>Hours:</b> 03 included (Unit XII: Diets in Ayurveda – 3 hour)</p> <p><b>M.Sc (N) Year:</b> II year <b>Sub.:</b> CHN <b>Hours:</b> 05 included (Unit X: Panchakarma – 5 hour)</p> <p><b>B.Sc (N), P.B.B.Sc (N) and M.Sc (N) Sub:</b> Bio ethics <b>Hours:</b> 30 included</p>		
<p><b>d) Contribution of faculty to curriculum design and Development (CDD) as</b></p> <p>i) Member / Chairman BOS/ Faculty/ BOE at parent university and other universities.</p> <p><b>BOS members at parent university: 05</b> Mrs. Meenal A. Rane, Dr. T. Sivabalan, Ms. Heera Jaysheela, Mrs. Kalpana Kale, Mr. Sharad Dighe are the members of BOS of Nursing Sciences, and contributes in design and revision of nursing curriculum at regular intervals Mrs. Meenal A. Rane, Dr. T. Sivabalan and Ms. Heera Jaysheela are the members of Academic Council of PIMS (DU)</p> <p><b>BOS members at other university: 02</b> Mrs. Meenal A. Rane, member, Board of Studies; and member Academic Council at Maharashtra University of Health Sciences, Nashik Dr. T. Sivabalan, member, Board of Studies at Krishna Institute of Medical Sciences (DU), Karad</p> <p>ii) Organization of CDD workshops at the Dept / University Organized at Seminar Hall of College of Nursing on 08.07.2015</p> <p>iii) Participation in curriculum design and development workshops at University/Dep. All faculty (no's: 30) of College of Nursing has participated the workshop on 08.07.2015</p>		
5	<p><b>Interdisciplinary programmes offered by the Department and department involved</b></p>	
	<p><b>Name of Programs offered by our department</b></p>	<p><b>Involved Departments</b></p>
		<p><b>Of the other institute</b></p>
	<p><b>B.Sc Nursing</b></p>	<p><b>Rural Medical College</b></p>
	Anatomy (20 hours)	Department of Anatomy
	Physiology (20 hours)	Department of Physiology
	Biochemistry (10 hours)	Department of Biochemistry
	Microbiology (20 hours)	Department of Microbiology
	Pharmacology (10 hours)	Department of Pharmacology
Pathology (10 hours)	Department of Pathology	
Nursing Management (10 hours)	Department of Nursing	



	Computer Sciences (30 hours)	Department of Information and Technology						
	Environmental studies (30 hours)	Center for Social Medicine						
	<b>M.Sc Nursing</b>	<b>Rural Medical College</b>						
	Statistics (25 hours)	Department of Informatics						
	<b>Certificate Course</b>	<b>Rural Medical College</b>						
	Chemotherapy Nursing (30 hours)	Department of Oncology and Radiotherapy						
	<b>Nature of involvement:</b> Planning, implementation and evaluation of specific subjects and course							
<b>6</b>	<b>Courses in collaboration with other universities, industries, foreign institution etc</b>	B. Sc Nursing, and Post Basic B.Sc Nursing courses with University of Skovde, Sweden Erasmus Mundus Scholarship programmes/courses with European Universities for students of Nursing courses of PIMS (DU), CON						
<b>7</b>	<b>Details of programs discontinued, if any with reasons</b>	Nil						
<b>8</b>	<b>Examination System</b>	Annual system						
<b>9</b>	<b>Participation of the department in the courses offered by other departments</b>	<b>Course</b> – Master of Public Health, <b>Subject</b> – Nutrition, Department – Center for Social Medicine <b>Course</b> – MBBS, <b>Subject</b> – Basic Nursing care and CPR, Department – Rural Medical College						
<b>10</b>	<b>Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Asst. Professors / Others) as on this day</b>							
	<b>(a) Teachers</b>							
	<b>S.N</b>	<b>Required as per statutory bodies (INC)</b>	<b>Required (INC)</b>	<b>Actual Faculty Strength (Recruited or filled)</b>				
				<b>Male</b>	<b>Female</b>	<b>Total</b>		
	<b>i</b>	Professor	3	1	2	<b>3</b>		
	<b>ii</b>	Associate Professor Reader	3	2	1	<b>3</b>		
	<b>iii</b>	Assistant Professor Lecturer	8	4	4	<b>8</b>		
	<b>Sub Total( I to iii)</b>							
	<b>iv</b>	Tutor	16	6	10	<b>16</b>		
	<b>Grant Total ( i to iv)</b>		<b>30</b>	<b>13</b>	<b>17</b>	<b>30</b>		
	<b>(b)</b>							
	<b>Qualification Profile of Teachers</b>			<b>Male</b>	<b>Female</b>	<b>Total</b>		
	<b>With P.G. Degree Only</b>			6	10	<b>16</b>		
	<b>With higher qualification than PG (PhD)</b>			1	-	<b>1</b>		
	<b>Teachers Pursuing Higher Degrees (PhD)</b>			4	5	<b>9</b>		
<b>11</b>	<b>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</b>							
	<b>a) Faculty (as UG/PG teachers) (Internal): Total: 30</b>							
	<b>Sr. No</b>	<b>Name of Teaching Staff</b>	<b>Qualification</b>	<b>Desig.</b>	<b>Area of Specialization</b>	<b>Teaching Experience in Years</b>	<b>No. of PG Students</b>	
							<b>Guiding</b>	<b>Guided</b>
	1	Col. V. Radha	M.Sc (N)	Professor	Paed Nsg	19 years	3	2
	2	Dr. T. Sivabalan	M.Sc (N), PhD (N)	Professor	Med Surg	14 years	3	19
	3	Ms. Heera Jayasheela	M.Sc (N)	Professor	Med Surg	13.2 years	1	2
	4	Ms. Sajan Bharti	M.Sc (N)	Asso. Prof	OBGY Nsg	9.7 years	5	1
	5	Mr. Lamkhede Rajendra	M.Sc (N)	Asso. Prof	Med Surg	9.7 years	1	1
	6	Mr. Gawade	M.Sc (N)	Asso. Prof	Psy Nsg	8.6 years	1	1



	Ekmath M						
7	Mrs. G. Vimala	M.Sc (N)	Asst. Prof	Psy Nsg	8.3 years	--	2
8	Mr. Dighe Sharadchandra	M.Sc (N)	Asst. Prof	Psy Nsg	8 years	--	
9	Mrs. Aher Smita Shivaji	M.Sc (N)	Asst. Prof	Med Surg	25years	--	
10	Mrs. K. S. Kale	M.Sc (N)	Asst. Prof	CHN	13.2 years	4	
11	Mr. Belokar Jitendra D.	M.Sc (N)	Asst. Prof	Psy Nsg	12 years	--	
12	Mr. Bhutkar B.	M.Sc (N)	Asst. Prof	CHN	12 years	1	
13	Ms. Rubina Cambell	M.Sc (N)	Asst. Prof	Med Surg	5 years	--	
14	Mr. Vaibhav Bhosale	M.Sc (N)	Asst. Prof	Paed Nsg	5 years	--	
15	Mrs. Bhoknal Kavita	M.Sc (N)	Tutor	OBGY	12.6 years	--	
16	Mrs. Shelar Sangita Arun	M.Sc (N)	Tutor	Paed Nsg	14 years	--	
17	Mrs. Tole Savita Shyam	M.Sc (N)	Tutor	Paed Nsg	19 years	--	
18	Mrs. Ugale Nirmala M.	P. B. B. Sc.	Tutor	--	10.9 years		
19	Mrs. Garad Asha	P. B. B. Sc.	Tutor	--	12 years		
20	Ms. Geetha P.	B.Sc (N)	Tutor	--	8.6 years		
21	Ms. Aarthi Dethe	P. B. B. Sc	Tutor	--	7.6 years		
22	Mrs. Shelke Savita V.	P. B. B. Sc.	Tutor	--	7.5 years		
23	Mr. Tupe Babasaheb	P. B. B. Sc	Tutor	--	13.6 years		
24	Mr. Sagar Sanjay Mandhare	B.Sc (N)	Tutor	--	5.5 years		
25	Ms. Kaveri D. Patole	B.Sc (N)	Tutor	--	4.6 years		
26	Mr. Shinde B.S.	B. Sc (N)	Tutor	--	4 years		
27	Mr. Varkhedkar Sharad Arjun	B. Sc (N)	Tutor	--	4.6 years		
28	Mr. Bhusal Nitin Lahanu	B. Sc (N)	Tutor	--	3years		
29	Mr. Kadu Somnath A.	B. Sc (N)	Tutor	--	3.3 years		
30	Mrs. Shinde Yogita	B. Sc (N)	Tutor	--	3.3 years		
<b>(b) Faculty of the Department as Ph.D. Guide (Internal/External) (as on this day)</b>							
Sr. No	Name of Ph.D. Guide	External or Internal		No. of Ph.D. Students of University			
				Guiding	Guided & Awarded		
1	Dr. P.A. Chandekar	Internal		Guided 6 students and left in 2015	--		
2	Dr. Saroj V. Upasani	Internal		Guided 7 students and left in 2016	1		
3	Dr. T. Sivabalan	Internal		8	--		



	4	Dr. R.C. Goyal	Internal	4			
	5	Dr. A.P. Kulkarni	Internal	2			
	6	Dr. V.B. Bangal	Internal	1			
<b>12</b>	<b>List of senior visiting fellows, adjunct faculty, emeritus professors : (as on this day) 1</b>						
	<b>Sr. No</b>	<b>Name of the Faculty</b>	<b>Qualification</b>	<b>Designation and Affiliation</b>	<b>Area of Specialization</b>	<b>Experience in years</b>	
	1	Mrs. Sangita Vikhe	P.B.B.Sc, PG in Hospital administration	Matron, Pravara Rural Hospital	Nursing (Management)	23 years	
**As per INC regulations part time faculty is not allowed in nursing							
<b>13</b>	<b>Percentage of classes taken by temporary faculty programme wise information</b>			:	As per INC temporary faculty are not permitted		
<b>14</b>	<b>Program wise Teacher Student Ratio</b>			:	<b>Teacher Student Ratio(as per INC)</b>		
	<i>Programme</i>						
	<i>UG</i>				1:10		
	<i>PG</i>				1:5		
	<i>Ph.D</i>				1:8		
<b>15</b>	<b>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</b>						
	<b>Sr. No.</b>	<b>Staff</b>	<b>Name of the Post</b>	<b>Required as per Statutory Bodies</b>	<b>Filled / Actual</b>		
					<b>Male</b>	<b>Female</b>	<b>Total</b>
	1	Administrative	Ministerial staff	4	3	--	<b>3</b>
	2	Technical	UDC/LDC	6	1	3	<b>4</b>
	3	Support	attendant/sanitary worker	8	3	2	<b>5</b>
		<b>Total</b>		<b>18</b>	<b>7</b>	<b>5</b>	<b>12</b>
<b>16</b>	<b>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</b>						
	1. Effectiveness of Nursing care; 2. Maternal and Child Health Care 3. Geriatric and Public health Care; 4. Mental Health Care 5. Oncology Nursing/special area of tribal; 6. Communicable diseases 7. Malnutrition among tribal people						
<b>17</b>	<b>Number of ongoing and completed projects undertaken by faculty with funding from</b>						
	<b>No. Projects sponsored by PIMS – DU</b>	<b>No. of ongoing projects (a)</b>	<b>No. Completed Projects (b)</b>	<b>Total Projects (a+b)</b>			
	--	24	42	66			
**4 projects have been submitted for funding from PIMS (DU)							
<b>The details of projects are as follows:</b>							
<b>a) Ongoing Projects of Faculty (as on this day): 24 – (all of 2 years duration) – Sponsored by PIMS-DU</b>							
<b>Sr. No</b>	<b>PI, Co-PI</b>	<b>Project Title</b>					
1	Mr. Sharadchandra V. Dighe	Perceived stress and coping strategies in clinical practice among B.Sc. Nursing students at College of Nursing, P.I.M.S. (DU)					
2	Mrs. Kalpana Kale	Effectiveness of nursing interventions on menopausal symptoms and quality of life of post-menopausal women residing in rural area.					
3	Mr Rajendra Lamkhede	Impact of reproductive organ cancer awareness campaign on seeking medical help among women of Rahata taluka, Ahmednagar district, MS					
4	Mr Rajendra Lamkhede	Effectiveness of information module on awareness among women regarding cervical cancer residing at Loni (Bk).					





5	Mr Rajendra Lamkhede	Effectiveness of Planned teaching program to the high school students on hazards of plastic use in selected schools of Loni
6	Mrs. Shobha Naidu	A study to assess the effect of education on fatigue management during postnatal period imparted to antenatal mothers at the antenatal OPD of a tertiary care centre
7	Mrs. Bhasura Chandrachood	Assessment of effectiveness of problem based learning versus lecture method of teaching in acquisition of knowledge and enhancement of problem solving skill among undergraduate nursing students in selected colleges of nursing in Ahmednagar district
8	Mrs. Mrunalini J S	Effectiveness of problem based learning method Vs conventional lecture learning method in enhancing knowledge of nursing students
9	Lt. Col. Radha	Study of immunization coverage among under five children through child to child/ parent IEC strategy living along a school student
10	Ms. Heera J	A study to assess the impact of rehabilitation program on quality of life of patients with COPD admitted in PRH
11	Mrs. G. Vimala	Impact of Psycho Educative Intervention on Activities of Daily Living, Psycho Social Problems and Quality of Life among elderly population at Pravara Rural Hospital, Loni (Bk), Maharashtra
12	Dr. T. Sivabalan	Assess the oral health status and quality of life of head and neck cancer patients receiving radiation therapy at PRH
13	Dr. P. A. Chandekar, Mr. Sharad Dighe, Mrs. Bharati Weljale	Assess the prevalence of Depression among elderly residing at Loni
14	Mr. Belokar J	Perceived social support among elderly
15	Mrs. G. Vimala	Assess the bio psychosocial problems and activities of daily living among elderly of rural population
16	Dr. T. Sivabalan, Mr. Sagar Mandre	Impact of nursing rehabilitation programme on health problems and quality of life among head and neck cancer patients admitted at PRH
17	Dr. T. Sivabalan, Mr. Balasaheb Shinde	Assess the socio economic status and health seeking behavior of rural population
18	Mrs. G. Vimala	Effectiveness of exercise program on mobility, activity of daily living, quality of life among elderly residing at rural area
19	Mrs. Kalpana Kale	Assess the menopausal symptoms and quality of life of post-menopausal women
20	Col. V. Radha, Mr. Vaibhav Bhosale	assess the effects of treatment trends on clinical outcome and quality of life of children with thalassemia visiting PRH
21	Mr. Belokar J	Factors contributing to suicidal risk, health status and quality of life of formers of drone prone areas of Ahmednagar district
22	Mr. Sharad Dighe	effectiveness of nursing interventions on anxiety, depression, sleep quality and health related quality of life of post operative patients admitted at PRH
23	Mrs. Bharti Weljale	Effectiveness of nursing interventions on neonatal and maternal outcome during first stage of labour among primi gravid mothers admitted at PRH
24	Mr. Eknath Gawade	Effectiveness of nursing rehabilitation programme on psychosocial and psychiatric problems of burn clients admitted at PRH
<b>b) Completed Projects of the faculty ( last 5 Years): 42 – (all of 2 years duration) Sponsored by PIMS-DU</b>		
<b>Sr. No</b>	<b>PI, Co-PI</b>	<b>Project Title</b>
<b>I</b>	<b>2011 – 12</b>	
1	Dr.P.A. Chandekar	A study to assess strengthening maternal health in Ahmednagar district in Maharashtra
2	Mr. T. Sivabalan	Assess the side effects and coping strategies adopted by cancer patients receiving chemotherapy treatment



3	Mr. T. Sivabalan	Identify the factors influencing nurses participation in clinical research and awareness on ethical aspect of research
4	Ms. Heera J	A study to determine the stress among the nurses working in operation theater and critical care units of Pravara rural hospital.
5	Mr. Pankaj K	A study to assess the level of malnutrition among under 5 yrs of children in selected anganwadi, Loni
6	Mr. Lamkhede Rajendra	A study to assess the health status among the geriatric age group in selected areas of Loni Bk
7	Mr. Lamkhede Rajendra	Assess the awareness on ill effects of tobacco chewing among adults.
8	Mr. Sachin Mali Mr. Sharad Dighe	A study to assess the knowledge regarding complementary and alternative medicine among students of constituent colleges of PIMS, Loni
9	Mr. Eknath Gawade Mrs. Bharati Sajan	A study to assess the factors responsible for stress among the preoperative clients admitted in PRH Loni
10	Mrs. Bharati Sajan	A study to assess the coping pattern among adolescent girls with dysmenorrhoea in Ahilyabai Holkar school
11	Mrs. Vimala G.	A quasi experimental study to assess effectiveness of counseling therapy on depression among cancer patients admitted in Oncology Ward of PRH
12	Mrs. Aher S	A study to assess knowledge about new born care among PNC mothers admitted in PRH Loni
13	Mrs. Jayalaxmi Swamy Ms. Anju P	A study to assess the knowledge of staff nurses regarding care of patients on mechanical ventilator admitted in PRH
14	Ms. Sarika Thete Mrs. Nirmala Ugale	Assess the knowledge of primi gravida mothers regarding children attending OPD at PRH, Loni
15	Mr Eknath Gawade Mr Sharad Dighe.	Assess the depression among rural elderly population.
16	Dr. P.A Chandekar.	Preparedness of prospective nurses to work as midwives in hospital and community.
<b>II</b>	<b>2012 – 13</b>	
17	Mr. Rajendra Lamkhede	Effectiveness in STP on self care for patients with Diabetes Mellitus in a selected community area at Loni
18	Mr. Sunil D. Phanase	Stud to assess effectiveness of SIM on care of stroke patient among primary care giver of stroke patient at PRH
19	Mrs. Ugale N. M Ms. Sarika Thete	A study to assess the knowledge of primi gravid mothers regarding child birth attending OPD at Pravara Rural Hospital
20	Mr. T. Sivabalan	Assess the awareness and attitude on cancer among rural community
21	Mrs. G. Vimala	Study to evaluate the eating behavior among adolescent girls of rural area.
22	Mrs. Kalpana K	Assess the effectiveness of health education programme on awareness of menstrual hygiene among adolescence girls
23	Mr. Sachin Mail	A study to assess effectiveness of structure teaching programme on knowledge of domiciliary management and prevention of respiratory tract infections among mothers of under five children
24	Mr. N. D. Pawar Mrs. S. N. Pawar	Assess the stress and anxiety of ICU patients relatives admitted in PRH
25	Ms. Heera Jayasheela	Awareness and attitude of HIV/AIDS among the rural population
26	Mrs. Geetanjali Mrs. Kavita Bhoknal	A study to assess the effectiveness of play therapy on anxiety level of Anganwadi children's at Vitthal nagar.



	<b>III</b>	<b>2013 – 14</b>				
	27	Mr. T. Sivabalan	A study to assess the effectiveness of nursing intervention of physical and psychological outcome among the cancer patients undergoing chemotherapy in PRH			
	28	Mrs. Vimala G	Assess the burden and coping strategies of care givers of mentally ill person			
	29	Mrs. Bharati W	Effectiveness of planned health teaching regarding antenatal exercises among antenatal mothers attending ANC clinic at PRH			
	30	Ms. Heera J	Effectiveness of SIM regarding antenatal care among antenatal mother attending in ANC clinic PRH			
	31	Mr. T. Sivabalan, Mrs. Bhasura Chandrachood, Dr. P. A. Chandekar	Effectiveness of educational intervention on knowledge and attitude of complementary therapies among nursing professionals			
	32	Mrs. Bhoknal Kavita Mrs. Maid G.	A Quasi experimental study on effectiveness of STP on knowledge of mother of under five years regarding malnutrition in selected anganwadi at Vitthalnagar village			
	33	Dr. P. A. Chandekar	To evaluate the implementation of CBM of health care services under NRHM in Maharashtra state			
	34	Mrs. Bhasura Chandrachood	Assess the customs and cultural practices related to premature baby care among tribal community			
	<b>IV</b>	<b>2014 – 15</b>				
	35	Mrs. Bhasura Chandrachood	Assess the knowledge attitude and perception on problem based learning (PBL) among nurse educators working at nursing institutes of Ahmednagar			
	36	Mrs. Bhasura Chandrachood	Identify the teaching methodologies and assess the perceived effectiveness in achievement of educational objectives among final year UG students at PIMS DU			
	<b>V</b>	<b>2015 – 16</b>				
	37	Dr. T. Sivabalan and Kavitha Bhoknal	Effectiveness of Psycho Education Intervention on body image and adjustment to cancer among head and neck cancer patients admitted in PRH, Loni			
	38	Dr. T. Sivabalan Mrs. Kale Kalpana	Impact of educational intervention on knowledge regarding lead poisoning among parents of under-five children residing at Loni Village			
	39	Mrs. Vimala. G	Marital satisfaction and Burden among wife's of men with alcohol dependence			
	40	Mrs Meenal Rane and Mrs Kalpana Kale	Assess the reproductive health status of women residing at Loni (Bk) village.			
	41	Mrs Meenal Rane and Mrs Kalpana Kale	Awareness regarding road safety rules among school going children of Loni (Bk).			
	42	Dr. T. Sivabalan	Health status and perceived needs of homeless people.			
<b>18</b>	<b>Inter- institutional collaborative projects of faculty &amp; associated grants received (including clinical trials) excluding those included a Sr. No.16 (For the last 5 Years) (as on this day)</b>	<b>On going</b>	<b>Completed</b>	<b>Total</b>	<b>Level</b>	<b>Grants Received in Lakhs</b>
		--	--	--	<b>National Level collaborative Projects</b>	--
		1	1	2	Others collaborative Projects- (state level)	18.66 lakhs 10.27 lakhs
		<b>1</b>	<b>1</b>	<b>2</b>	<b>Total collaborative Projects-</b>	<b>28.93 lakhs</b>
	<b>Title of completed project:</b> State level project on Evaluation of Community Based Monitoring (CBMP) under NRHM in Maharashtra					



	<b>Title of ongoing project:</b> State level project on Rapid Assessment Study to Assess Access to Safe Abortion Services in Maharashtra by SHSRC, Pune/UNFPA, Mumbai								
<b>19</b>	<b>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)</b>								
	<b>Research Projects under taken by</b>	<b>Data as given under sl. No. of DER</b>	<b>Total Projects</b>	<b>On going</b>	<b>Completed</b>	<b>Amount Received</b>		<b>Total Rs Lakhs</b>	
						<b>On</b>	<b>Completed</b>		
a	The faculty (at the Dept.) Funded by Department or University	<b>17</b>	<b>66</b>	24	42	--	--	--	
b	Inter-Institution / Industry Projects (collaborate) including clinical trials	<b>18</b>	<b>2</b>	1	1	10.27 lakhs	18.66 lakhs	28.93 lakhs	
	<b>Total</b>		<b>68</b>	<b>25</b>	<b>43</b>	--	--	--	
<b>20</b>	<b>(a) Research Facility / Center and recognition by state / National / International agencies.(as on this day)</b>		College of nursing is recognized by Indian Nursing Council, New Delhi, Maharashtra Nursing Council, Mumbai and Govt. of Maharashtra, PIMS (DU) for conducting research work of UG and PG students						
	<b>In the department (Details of facilities in brief)</b>		CON has (6) Nursing laboratories with modern amenities, instruments and mannequins for conduction of nursing research in various specialties It has all the requisite facility of tertiary super specialty hospital at Rural Medical College CON has departmental library with (884) books and (50) dissertation copies for reference CON has computer lab with 21 computers plus internet facility CON has Wifi facility in the premise CON has (1) PhD guide and (9) PG guides						
	<b>In other department (Details of facilities by the department) used by us.</b>		Department of Medicine, Surgery, OBGY, Pediatrics, Oncology, Orthopedics Microbiology, Pathology and other allied medical and surgery departments of PRH						
	<b>In other college (Details of facilities used by us)</b>		Dr. A.P.J Abdul Kalam College of Physiotherapy used for performing Pulmonary Function Test (PFT) of COPD patients Center for Social Medicine for conducting the community based studies						
	<b>At central level ( Details of facilities used by us)</b>		<b>Following are used:</b> Learning resource center (library), e library and internet section Clinical Materials from (1275) bedded Pravara Rural Hospital Population covered by (08) Primary Health Centers						
<b>21</b>	<b>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization of any.</b>		Sugar factory at Pravaranagar Micro teaching laboratory from Pravara Rural College of Education, Pravaranagar Skill laboratory at Rural Medical College						
<b>22</b>	<b>Publication data of last 5 years Publications in peer reviews journals and conference proceeding (ISSN)</b>		<b>National:</b> 25 <b>International:</b> 15 <b>Total:</b> 40						



	<b>Publication in Non-Peer reviewed Journals / conference proceeding)</b>	<b>National: 10 International: 11 Others: 06 (Concept articles) Total: 27</b>			
	<b>No. of Monographs/Books/Edited books (ISBN/NON ISBN)</b>	:	Nil		
	<b>No. of chapters in Books with details of publishers (ISBN/NON ISBN)</b>	:	02 chapters (1. Preventive strategies of cancer and 2. Preventive strategies of Alzheimer's disease) Name of the text book – Preventive Strategies of Communicable Diseases, Publisher: NRSI organization		
	<b>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.): 30</b>				
	<b>Research publication included and listed in international database are 30 Out of total publication.</b>				
	<b>No. of Citation Index – range / average</b>	:	11 – 94		
	<b>SNIP</b>	:	--		
	<b>SJR</b>	:	--		
	<b>Impact Factor- range/average</b>	:	1.31 – 1.47		
	<b>h-index</b>	:	1 – 18		
<b>23</b>	<b>Details of patents filed / granted and income generated (5 Years data)</b>	:	Nil		
<b>24</b>	<b>Areas of consultancy and income generated (5 Years data)</b>	:	CON is recognized by Maharashtra Nursing Council, Mumbai as a nodal center for conducting CNE's for nursing professional – and generated Rs. 75000 in 2016 Honorary Consultancy: CON faculty involved in conducting the guest lecture/training for paramedical staffs, ANM, Anganwadi workers, NGO's, drivers, school teachers and students		
<b>25</b>	<b>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data)</b>				
	<b>Total</b>		<b>International</b>		
	<b>5</b>		<b>5</b>		
	<b>Faculty selected to visit L/I/I in India and abroad. (Laboratories, Institutions, Industries) are as follows :</b>				
	<b>Sr. No.</b>	<b>Name of the Faculty</b>	<b>Visiting Institution/Laboratory/ Industry, Name of place/ Nation</b>	<b>Year of Visit</b>	<b>Purpose of Visit</b>
	1	Dr. P.A. Chandekar,	University of Skvode, Sweden	2011-12	Lineus Palme (LP) exchange visit
	2	Dr. T. Sivabalan	University of Skvode, Sweden	2011-12	LP exchange visit
	3	Ms. Heera Jaysheela	University of Skvode, Sweden	2012-13	LP exchange visit
	4	Mr. Rajendra Lamkhede	University of Skvode, Sweden	2013-14	LP exchange visit
	5	Mrs. Sangita Bular	University of Porto, Spain	2016-17	(Erasmus Mundus) academic visit





<b>26</b>	<b>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data)</b>						
	<b>Total no. of faculty</b>	<b>Inter-national level</b>	<b>National Level</b>	<b>State Level</b>	<b>Others (Uni)</b>	<b>Total</b>	
	<b>30</b>	<b>--</b>	<b>2</b>	<b>4</b>	<b>9</b>	<b>15</b>	
	<b>(a) Recognition to Faculty (Fellowship, Membership, Honour, any other) (5 Years data)</b>						
		<b>Total No. of Faculty</b>	<b>International level</b>	<b>National level</b>	<b>State level</b>	<b>Others level</b>	
	Membership	<b>4</b>		<b>1</b>	<b>2</b>	<b>1</b>	
	1. Mrs. Sangita Vikhe – Member		Indian Nursing Council, New Delhi				
	1. Mrs. Meenal A. Rane – Memembr		Maharashtra Nursing Council, Mumbai				
	2. Mrs. Sangita Vikhe – Member		Maharashtra Nursing Council, Mumbai				
	<b>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals (5 Years data)</b>						
		<b>Total No. of Faculty</b>	<b>International Level</b>	<b>National Level</b>	<b>State Level</b>	<b>Other s level</b>	
	EB	<b>2</b>	<b>--</b>	<b>2</b>	<b>--</b>	<b>--</b>	
	Peer Reviewer	<b>1</b>	<b>--</b>		<b>1</b>	<b>--</b>	
	Dr. T. Sivabalan is editorial board member in International Journal of Nursing education and Indian Journal of Surgical Nursing; Mrs. G. Vimala is scientific committee member in International Journal of Psychiatric Nursing; Meenal A Rane is peer reviewer of Terna Medical College Journal.						
<b>27</b>	<b>Faculty recharging strategies (UGC, ASC/ MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)</b>						
	<b>Sr . No</b>	<b>Type of the Programme</b>	<b>No. of FDPs participated</b>				<b>Total</b>
			<b>College Level</b>	<b>State / Uni. Level</b>	<b>National Level</b>	<b>Interna tional Level</b>	
	<b>I</b>	<b>2011 – 12</b>					
	1	Workshop/Seminar/ Symposium/ conferences	3	3	6	2	<b>14</b>
	<b>II</b>	<b>2012 – 13</b>					
	1	Workshop/Seminar/ Symposium/ conferences	6	4	2	1	<b>13</b>
	2	FDPs (guest lecture, training, CM, CPC, etc.)	1	--	--	--	<b>1</b>
	<b>II I</b>	<b>2013 – 14</b>					
	1	Workshop/Seminar/ Symposium/ conferences	2	7	1	2	<b>12</b>
	2	FDPs (guest lecture, training, CM, CPC, etc.)	--	--	3	--	<b>3</b>
	<b>I V</b>	<b>2014 – 15</b>					
	1	Workshop/Seminar/ Symposium/ conferences	--	7	5	1	<b>13</b>
	2	FDPs (guest lecture, training, CM, CPC, etc.)	--	--	1	--	<b>1</b>
	<b>V</b>	<b>2015 – 16</b>					
	1	Orientation/Refresher/MET/CME		1	--	--	<b>1</b>
	2	Workshop/Seminar/ Symposium/ conferences	2	11	6	1	<b>20</b>
		<b>Total</b>	<b>14</b>	<b>33</b>	<b>24</b>	<b>7</b>	<b>78</b>
<b>28</b>	<b>Students Projects:</b> The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, and attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)						



Sr. No	UG Projects			PG Dissertation				
	Ongoing	Completed	Total	Ongoing	Completed	Total		
1	6	40	46	20	37	57		
Percentage of students who have done in house projects including inter departmental project				:	90%			
Percentage of students doing projects in collaboration with other universities/industry/institute				:	<10%			
<b>29</b>	<b>a) Research Awards/recognitions received at the national and international level (5 Years data)</b>							
Sr. No.	Received by	No. of Awards			Recognitions			
		National	State/ University	Total	National	State/ University	Total	
1	Faculty	--	6	6	--	--	--	
2	Student PG / PhD	--	1	1	--	1	1	
	<b>Total</b>	--	7	7	--	1	1	
	<b>b) General awards of faculty and students (other than Research, for teaching extension, social service)</b>							
	<b>(i) For Academic (Teaching) service for faculty (5 Years data)</b>							
	Mrs. Meenal A. Rane has state level award Excellency in patient care awarded by National health art and research centre, Mumbai at 2016; 03 faculties (Mr. Singhare D, Mrs. Asher S and Mr. Pawar N D) has received PIMS university award for completing 25 years of work at PMT							
	<b>Total</b>	<b>State</b>			<b>Others (Uni)</b>			
	4	1			3			
	<b>(ii) General Awards to Faculties &amp; Student for Social service / Extension activities. (5 Years data)</b>							
	a) <b>05 students</b> (final year B.Sc) has Late Smt. Gangubai Eknathrao Vikhe Patil All Round Best Nursing Student award, and <b>05 students</b> (Final year P.B.B.Sc) has Late Smt. Dropadabai Vitthalrao Vikhe Patil All Round second Best Nursing Student from PIMS university							
	b) <b>03 students</b> (final year B.Sc) has Florence Nightingale award, and <b>03 students</b> (Final year P.B.B.Sc) has Mother Theresa award from PIMS university							
<b>30</b>	<b>a) Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data)</b>							
		Total	National	State	Univ / College Level	Funding Source	No. of participants	No. of Resource Persons
	Seminar (S)	3	--	--	3	PIMS	289	15
	Conference (C)	3	1	2	--	PIMS	976	40
	Workshops (W)	6	--	3	3	PIMS	678	45
	<b>Total</b>	<b>12</b>	<b>1</b>	<b>5</b>	<b>6</b>	<b>PIMS</b>	<b>1943</b>	<b>100</b>
	1) Publication of Abstract of the S/S/C/W: 3							
	<b>b) Note : Reports on details of S/S/C/W and External Resource person, delegates attended and Proceedings etc. are given in the annexure in the following format</b>							
Sr. No	Name of the Event S/S/C/W/FDP (CM, CME, CPC, GL, )	Sponsoring Agency	Level (Nat./ State/ Uni./College)	No. of Resource Person /Experts	No. of Delegate	Date and Year		
						Int.	Ext.	



1	Conference on emerging challenges in nursing	PIMS, ICMR	N	3	17	370	30.09.2011 to 01.10.2011
2	Seminar on healthy aging	PIMS	C	4	4	126	22.02.2012
3	Workshop on Complementary therapies in Nursing Practice	PIMS	C	3	7	204	22.02.2013
4	Conference on Strengthening Maternal and Child health care Services	PIMS, Central Bank of India	S	3	12	180	03.01.2014 to 04.01.2014
5	Workshop on Alternative modalities	PIMS	C	--	3	52	05.01.2015
6	Workshop on Assessment and Evaluation	PIMS	C	3	--	52	18.04.2015
7	Workshop on Setting the question paper of RGNM and RANM	MNC	S	1	4	85	27.04.2015 to 28.04.2015
8	Workshop on Patient Safety and Quality Patient Care	PIMS	S	10	8	280	16.10.2015 to 17.10.2015
9	Seminar on Proficiencies in Writing Scientific Articles	PIMS	C	--	3	108	27.10.2015
10	Workshop on Orientation to New GNM Syllabus – 2015	PIMS	S	2	4	65	04.01.2016 to 05.01.2016
11	Seminar on communication and inter personal relationship	PIMS	C	3	--	60	05.02.2016
12	Conference on Recent Updates in Clinical Practice	PIMS	S	2	5	426	03.03.2016
<b>31</b>	<b>Code of ethics for research followed by the departments</b>	:	Yes (follows the PIMS (DU) and INC code of ethics)				
<b>32</b>	<b>Student Profile program wise</b>	:					
<b>a) PG Programme Name of the Programme :</b>							
<b>Academic Year</b>	<b>No. of Application Received for PG CET</b>	<b>CET Pass (No) %</b>		<b>No of Students Selected through CET</b>			
				<b>Male</b>	<b>Female</b>	<b>Total</b>	
2011-12	62	55 (88%)		3	1	<b>04</b>	
2012-13	50	43 (86%)		3	5	<b>08</b>	
2013-14	44	40 (90%)		4	2	<b>06</b>	
2014-15	39	37 (94%)		4	5	<b>09</b>	
2015-16	19	19 (100%)		13	6	<b>19</b>	
<b>No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year</b>							
<b>Academic Year of Outgoing batch</b>	<b>No. of Students</b>			<b>% of Pass student with</b>			
	<b>Appeared</b>	<b>Pass</b>	<b>Pass %</b>	<b>I<sup>st</sup> Class</b>	<b>I<sup>st</sup> Class with Distinction</b>		
2010-11	15	15	100%	14 (93%)	--		
2011-12	14	14	100%	12 (86%)	2 (14%)		
2012-13	03	03	100%	2 (67%)	1 (33%)		



2013-14	07	07	100%	4 (57%)	3 (43%)			
2014-15	02	02	100%	2 (100%)	--			
2015-16	09	09	100%	9 (100%)	--			
<b>b) UG Students Name of the subject and course (B.Sc and P.B.B.Sc)</b>								
Academic Year	No. of Application Received	CET Pass %	No of Students Selected for UG Course (B.Sc)			(P.B.B.Sc)		
			M	F	T	M	F	T
2010-11			19	13	32	3	17	20
2011-12	125	102 (81%)	16	13	29	--	10	10
2012-13	114	94 (82%)	15	14	29	5	18	23
2013-14	99	78 (78%)	14	10	24	1	9	10
2014-15	144	126 (87%)	17	13	30	--	7	07
2015-16	282	246 (87%)	17	13	30	2	8	10
<b>Results of University examination for the subject taught by the Department (B.Sc)</b>								
Name of the Subject	Academic Year (For Outgoing Batch)		Total Students Appeared	No of Students passed	Pass % of Dept. Subject	% of 1 <sup>st</sup> Class	% of 1 <sup>st</sup> Class with Distinction	
B.Sc (N)	2010	2011	21	21	100%	19 (90%)	--	
	2011	2012	21	21	100%	18 (86%)	--	
	2012	2013	26	22	85%	14 (64%)	--	
	2013	2014	31	30	97%	23 (74%)	1 (3%)	
	2014	2015	27	27	100%	21 (78%)	--	
	2015	2016	26	26	100%	24 (92%)	--	
<b>Results of University examination for the subject taught by the Department (P.B.B.Sc)</b>								
Name of the Subject	Academic Year (For Outgoing Batch)		Total Students Appeared	No of Students passed	Pass % of Dept. Subject	% of 1 <sup>st</sup> Class	% of 1 <sup>st</sup> Class with Distinction	
P.B.B.Sc (N)	2010	2011	25	25	100%	24 (96%)	--	
	2011	2012	15	15	(100%)	14 (93%)	--	
	2012	2013	10	10	(100%)	9 (90%)	--	
	2013	2014	15	15	(100%)	13 (87%)	1 (7%)	
	2014	2015	08	08	100%	8 (100%)	--	
	2015	2016	09	07	78%	7 (78%)	--	
<b>33</b>	<b>Diversity of Students :</b>							
	<b>a) PG Programme</b>							
	Name of the Course refer	Year	No. and % of	No. and % of students from	No. and % of students from	No. and % of students		



to question no. 4		students from same university	other universities within the state	Universities outside the state	from other Countries
M.Sc Nsg	2011-12	2 (67%)	--	1 (33%)	--
	2012-13	2 (24%)	3 (37%)	3 (37%)	--
	2013-14	2 (100%)	1 (33%)	--	--
	2014-15	7 (77%)	2 (33%)	--	--
	2015-16	13 (68%)	6 (32%)	--	--
<b>b) UG Programme (B.Sc)</b>					
Name of the Course refer to question no. 4	Year	No. and % of students from state board	No. and % of students from Universities/Board outside the state	No. and % of students from other Countries	
B.Sc	2011-12	28 (97%)	1 (3%)	--	
	2012-13	29 (100%)	--	--	
	2013-14	23 (96%)	1 (4%)	--	
	2014-15	30 (100%)	--	--	
	2015-16	30 (100%)	--	--	
<b>c) UG Programme (P.B.B.Sc)</b>					
Name of the Course refer to question no. 4	Year	No. and % of students from same Board/University	No. and % of students from Universities outside the state	No. and % of students from other Countries	
P.B.B.Sc	2011-12	9 (90%)	1 (10%)	--	
	2012-13	19 (100%)	--	--	
	2013-14	9 (100%)	--	--	
	2014-15	7 (100%)	--	--	
	2015-16	9 (100%)	--	--	
<b>34</b>	<b>How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/PG CET etc.): Total – 120</b> TOEFEL: 9    Railway examination: 2    Defense/ESI: 4    DHS: 8    DMER: 97				
<b>35</b>	<b>Student progression:</b>	:	<b>Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)</b>		
	<b>Student Progression</b>	<b>% against enrolled</b>			
	UG – PG Studies	20%			
	PG - SS	1%			
	PG – Ph. D.	1%			
	UG to employment	Campus and off Campus selection (80% employment)			
	PG to employment	Campus and off Campus selection (100% employment)			
<b>36</b>	<b>Diversity of Staff as on this day</b>				
	<b>Number and % Diversity of Staff ( as on this day ) belonging to</b>		<b>% Staff who have obtained PG Degree from</b>		
	<i>Same State/UT</i>	<i>No. 26 &amp; 86%</i>	<b>Parent University</b>	<i>No. 7 &amp; 41%</i>	
	<i>Other States</i>	<i>No. 04 &amp; 14%</i>	<b>Other Universities of the State</b>	<i>No. 3 &amp; 18%</i>	
			<b>Other State University</b>	<i>No. 7 &amp; 41%</i>	
<b>37</b>	<b>Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) : 1</b> Mr. T. Sivabalan awarded PhD in nursing science at PIMS (DU) on 2014				
<b>38</b>	<b>Present details of departmental infrastructural facilities with regard to :</b>				
	<b>A) Infrastructural facility (Common to all departments)</b>				
	<b>a) Library (dept): No. of Collections Book/Journal/</b>	:	Central Library: 3670 books		





<b>Project Report</b> <i>Central Library books and Journal belonging to our department (both print and e mode)</i>		New books purchased: 420 Departmental library: 884 books National journal: 18 International journal: 21			
<b>b) Internet facilities for staff and students</b>		:	Available – both online and WiFi		
<b>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive &amp; Inclusive)</b>		:	Class Rooms: 12 Demo Rooms: 6 Seminar Hall: 1 Auditorium: 1 Others: Boys and Girls common room : 2 Counseling room: 1 Dept. library: 1		
<b>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive)</b>		:	Wifi facility 2 Mounted LCD at seminar hall and auditorium 2 Portable LCD Computer lab with 21 computers		
<b>e) Students laboratories at the Department</b>		:	6 Fundamental of Nursing lab Maternal and Child Health Nursing lab Community Health Nursing lab Nutrition lab Computer lab Audio Visual Aid lab		
<b>f) Research Laboratories of the Dept.</b>		:	Maternal and Child Health Nursing lab Community Health Nursing lab Nutrition lab Computer lab Audio Visual Aid lab and e resource center		
<b>g) Museum at the Department and no. of specimen, charts, Modules etc.</b>		:	2 articulated skeleton, 3 disarticulated skeleton, 35 models, >100 charts, 25 modules, 10 wet specimen		
<b>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)</b>		:	LCD projector: 03 CPR mannequin: 01 Multipurpose nursing procedure mannequin: 03 Xerox machine: 01		
<b>B) Clinical learning resource data at RMC – PIMS</b>					
<b>(a) Beds</b>	<b>(b) Units</b>	<b>(c) Special Clinics</b>	<b>(d) ICUs</b>	<b>(e) Wards</b>	<b>(f) OTs</b>
1275	34	11	09	39	18
<b>(g) OPD Patients / day ( Average )</b>	<b>(h) IPD Patients / day ( Average )</b>	<b>(i) Operation / day</b>		<b>(j) Diagnostic Tests</b>	
		<b>Major</b>	<b>Minor</b>	<b>OPD</b>	<b>IPD</b>
2349	805	40	146	4147	
<b>(k) Patient's Feedback</b>	<b>(l) GHP / GLP / SOPs</b>		<b>(m) Submission of compliance /Follow-up reports to National (INC)/State Agencies (MNC)</b>		
Yes	Yes		Yes		
<b>C) Para clinical learning resource:</b> Facilities of CCL, pathology, microbiology, biochemistry, radiology, blood bank etc at RMC					
<b>D) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well)</b>		:	Department of Medicine, Surgery, OBGY, Pediatrics, Oncology, Orthopedics, Anesthesiology, Radiology,		



										Microbiology, Pathology and other departments of PRH/RMC	
<b>39</b>	<b>No. of doctoral post- doctoral students and research Associates / PDF working</b>				:	Dr. T. Sivabalan is working as research associate in the state level project sponsored by SHSRC, Pune/UNFPA, Mumbai <b>Title:</b> Rapid Assessment Study to Assess Access to Safe Abortion Services in Maharashtra					
	From	<b>Doctoral Student</b>	<b>PDF</b>	<b>RA</b>	<b>Others</b>	<b>Total</b>					
	Host Institution	--	--	1	--	<b>1</b>					
	No. of Ph.D. Awarded by the Dept during last 5 years: <b>1</b>										
<b>40</b>	<b>(a) Number of students getting financial assistance from the university</b>										
<b>PG and Ph.D. Students getting assistance from the University</b>											
	<b>Sr. No</b>	<b>Type of Scholarship form</b>	<b>UG/PG</b>	<b>Academic Year</b>					<b>Total No. of Students</b>	<b>Total Amount received from student (in Rs.)</b>	
	1	State Govt		10-11	11-12	12-13	13-14	14-15	15-16		
			UG (B.Sc)	3	12	14	12	6	4	51	12,75,000
			UG (P.B.B.Sc)	--	6	9	8	1	--	24	6,00,000
			PG (M.Sc)	--	2	2	5	2	2	13	3,25,000
		<b>Total</b>		<b>3</b>	<b>20</b>	<b>25</b>	<b>25</b>	<b>9</b>	<b>6</b>	<b>88</b>	<b>22,00,000</b>
	2	Parent university (PIMS-DU)	UG (B.Sc)	--	--	--	--	9	8	17	99,600
			UG (P.B.B.Sc)	--	--	1	1	--	--	2	45,000
			Diploma RGNM	--	--	--	14	16	--	30	1,89,150
		<b>Total</b>		<b>--</b>	<b>--</b>	<b>1</b>	<b>15</b>	<b>25</b>	<b>8</b>	<b>49</b>	<b>3,33,750</b>
		<b>Over all total</b>		<b>3</b>	<b>20</b>	<b>26</b>	<b>40</b>	<b>34</b>	<b>14</b>	<b>137</b>	<b>25,33,750</b>
PIMS (DU) provides <b>Earn and Learn Scheme</b> for UG and Diploma students (3days in a month i.e. Rs.50 per hour – and student earns Rs. 1650 per month )											
<b>41</b>	<b>Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :</b> Yes, Need assessment was carried out while starting PG courses, PhD studies, Specialty courses and Certificate courses. Need assessment is carried out by consulting the various stake holders, employers and feedback from students and alumni members										
<b>42</b>	<b>Does the department obtain feedback from</b>										
	<b>Sr. No</b>	<b>From</b>	<b>Yes/No</b>	<b>Manual/Digital</b>	<b>How the feedback analysis is used for improvement</b>						
	1	Student	Yes	Digital	To improve the learning abilities of weaker students To arrange extra coaching classes, counseling by mentor and class coordinator To motivate the students to use library at the maximum						
	2	Faculty	Yes	Manual	To organize the CNE's /FDP's to update the current trends in nursing To improve the teaching, learning and evaluation skills Exposed to attend various FDP's in renounced						



					institutions								
	3	Alumni / Parents/ Employer	Yes	Manual	Conducted the parent meetings and informed about their wards progress, and rules and regulations related to leave, examination and hostel Conducts meeting once in a year and invites their ideas on curriculum update and innovative teaching and learning methods								
<b>43</b>	<b>List the distinguished alumni of the department (Max. 10) (UG or PG Student belonging to the subject)</b>				: Name and designation with address								
	<b>Sr. No.</b>	<b>Name &amp; Designation</b>	<b>Details at the PIMS University</b>	<b>Year</b>	<b>Place of work of alumni</b>								
	1	Ms. Priya Sebastian	Nurse Practitioner	2006	Canada								
	2	Ms. Precy Cherian	Nurse Clinician	2011	New Zealand								
	3	Ms. Anju Paul	Nurse Clinician	2008	London								
	4	Mr. Tom Johnson	Nurse Clinician	2008	Canada								
	5	Mr. Sainath Athare	Nurse Educator	2004	Hindustan Petroleum Ltd, Mumbai								
	6	Mr. Jagdish Shinde	Staff Nurse	2011	Central Railway, Kalyan – Mumbai								
	7	Mr. Kamlesh Varma	Staff Nurse	2007	Military Hospital, Mumbai								
	8	Ms. Sonali Borhade	Staff Nurse	2005	Military Hospital, Assam								
	9	Mr. Takshak Waghmare	Staff Nurse	2006	ESIS Hospital, Mumbai								
	10	Mr. Pankaj Nehe	Nurse Specialist	2013	Thane Mental Hospital, Thane								
	11	Ms. Achala Gaikwad	Ph.D. Scholar	2006	NIMHANS, Hosur road, Bangalore								
	12	Ms. Pournima Naik	I/C Vice Principal	2004	NDMVP College of Nursing, Nashik.								
<b>44</b>	<b>Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</b>												
	The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under												
	<b>Sr. No.</b>	<b>Event (SEP) UG + PG</b>	<b>No. Events</b>	<b>No. of Prominent</b>									
				<b>External Experts</b>	<b>Internal Experts</b>								
	1	Orientation programme on curriculum	15	--	23								
	2	Orientation programme on anti ragging	5	--	15								
	3	Orientation on LP exchange programme	3	3	--								
	4	Orientation on Erasmus Mundus scholarship	4	3	--								
	5	Conferences (State and National level)	3	34	8								
	6	Workshops (local, regional, state)	8	35	19								
	7	Seminars	4	8	7								
	8	Training programme (HIV/AIDS and ART)	3	--	10								
	9	Guest lectures	9	9	--								
	10	Bridge course for interns	5	10	15								
	11	Field visits to specialty areas	47	47	47								
	12	Quiz programme	2	--	8								
	13	Disaster drill	1	2	5								
<b>45</b>	<b>a) List the teaching methods adopted by the faculty for different programmes:</b>												
	No.	For UG	A	B	C	D	E	For PG	A	B	C	D	E
	1		√	√	√	√	√		√	√	√	√	√
	A: Traditional (such as lecture, demonstration, seminar, evidence based, community based and case based methods, assignments are commonly used in nursing education)												
	B: Blended (such as lecture cum group discussion, lecture cum demonstration, panel discussion,												



	<p>symposium, role play, case presentation, bed side clinic, nursing rounds are used)            C: ICT enabled (LCD – PPT presentation, computer assisted learning, computer assisted instruction, e learning, modular learning are used)            D: Learning Centric Approach (the problem based learning, micro teaching, journal club are commonly used as learner centric approach)            E: Beyond Curriculum Scholarly activities (CON conducts field visits e.g. water purification plant, sewage treatment, milk pasteurization, industry, orphanage, super specialty hospitals, research center (TATA), health care agencies/organizations/statutory bodies to impart quality nursing education)</p>																																																																									
	<p><b>b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling)</b>            Conducts orientation programme: for newcomers with parents (profession and its scope, organization (and campus), syllabus, anti ragging committee/measures, hostel policy/rules, code of ethics, constitution of India)            Conducts induction training programmes: filling the online anti ragging affidavit, introduction of application of Erasmus Mundus scholarship and other international collaborations, introduction of library science (services)            Performs mentoring: every faculty has 10 mentees, and regularly interacts and identifies the difficulties (academic, sports, social, communication, examination and others) and try to resolve it. Orients and sensitize the mentees regarding anti ragging, social discrimination, woman harassment etc and Performs referral services (for students with unpleasant behavior) to the counselor            Conducts remedial classes/tutorials for underperformed students. Provides assignments and question bank            Carryout counseling and referral to experts</p>																																																																									
46	<p><b>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?</b>            Continuous monitoring of student progress through periodical examination and internal assessment            Faculty meeting about curriculum, implementation, FDP's, training and clinical evaluation            formative and summative evaluation methods            Feedback system from all stake holders            teacher self evaluation report and performance appraisal system            Availability of suggestion box, and Academic reviews through which the programme objectives are evaluated for the achievement.</p>																																																																									
47	<p><b>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive)</b>  <b>a) Involvement of student and faculty in various type of extension activity organized by the dept.</b></p> <table border="1"> <thead> <tr> <th>Sr. No</th> <th>Name of extension activities</th> <th>No. of events.</th> <th>Academic Year</th> <th>No. of Beneficiaries</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Survey</td> <td>6</td> <td>2011 – 16</td> <td>965</td> </tr> <tr> <td>2</td> <td>Rally</td> <td>6</td> <td>2011 – 16</td> <td>1800</td> </tr> <tr> <td>3</td> <td>Exhibition</td> <td>19</td> <td>2011 – 16</td> <td>1100</td> </tr> <tr> <td>4</td> <td>Need based care</td> <td>6</td> <td>2011 – 16</td> <td>240</td> </tr> <tr> <td>5</td> <td>School health check up</td> <td>3</td> <td>2011 – 16</td> <td>1050</td> </tr> <tr> <td>6</td> <td>Special services at marathon</td> <td>8</td> <td>2011 – 16</td> <td>15000</td> </tr> <tr> <td>7</td> <td>Participation in camps (Mini)</td> <td>47</td> <td>2011 – 16</td> <td>2500</td> </tr> <tr> <td>8</td> <td>Participation in camps (Multi)</td> <td>12</td> <td>2011 – 16</td> <td>3750</td> </tr> <tr> <td>9</td> <td>Child to child programme</td> <td>4</td> <td>2011 – 16</td> <td>1050</td> </tr> <tr> <td>10</td> <td>Skit</td> <td>5</td> <td>2011 – 16</td> <td>900</td> </tr> <tr> <td>11</td> <td>FGD with ASHA /ANM/TBA</td> <td>5</td> <td>2011 – 16</td> <td>50</td> </tr> <tr> <td>12</td> <td>Skill training for ASHA, ANM, TBA</td> <td>2</td> <td>2011 – 16</td> <td>15</td> </tr> <tr> <td>13</td> <td>Rehabilitation service</td> <td>2</td> <td>2011 – 16</td> <td>50</td> </tr> </tbody> </table> <p><b>b) Our faculty is involved extension in health awareness programs organized by the college / University through lectures, rally, camps/ training, as HR / Contributions</b>            Faculties are actively involved in organizing awareness programmes such as rally, exhibitions, skit, child to child programme and celebrate various health days. Organizes various training programmes and</p>				Sr. No	Name of extension activities	No. of events.	Academic Year	No. of Beneficiaries	1	Survey	6	2011 – 16	965	2	Rally	6	2011 – 16	1800	3	Exhibition	19	2011 – 16	1100	4	Need based care	6	2011 – 16	240	5	School health check up	3	2011 – 16	1050	6	Special services at marathon	8	2011 – 16	15000	7	Participation in camps (Mini)	47	2011 – 16	2500	8	Participation in camps (Multi)	12	2011 – 16	3750	9	Child to child programme	4	2011 – 16	1050	10	Skit	5	2011 – 16	900	11	FGD with ASHA /ANM/TBA	5	2011 – 16	50	12	Skill training for ASHA, ANM, TBA	2	2011 – 16	15	13	Rehabilitation service	2	2011 – 16	50
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participates in number of mini and multi diagnostic camps organized by Pravara Rural Hospital, Loni (Bk)				
Sr. No.	Programme	Venue	Topic	Date
1	Health Survey	Kolhar Village	Demographics, immunization, family planning, diseases.	27.09.2011
2	Need based care	Pravara nagar village	Primary level care	12.10.2011
3	School Health Check up	Ahilyabai Holkar school, Loni (Bk)	Assessment of health problems of School age group Children	27 to 28.10.2011
4	Exhibition	OPD complex, PRH	Immunization	18.11.2011
5	First Aid service at Padmanjali sport event	PMT, Sports ground	First Aid Service	03.02.2012
6	First Aid service at Mini Marathon event	PMT, Sports ground	First Aid Service	05.02.2012
7	Awareness Rally	Rahata, Taluka	Tuberculosis	24.03.2012
8	Exhibition	PRH, OPD complex	Maternal health	05.05.2012
9	Exhibition	Kolhar Village	Dental care	11.09.2012
10	Awareness Rally	Vitthalnagar, Loni (Bk)	Health day celebration	22.09.2012
11	Exhibition	Loni (Bk)	Alzheimer's disease	23.09.2012
12	Health Survey	Vitthalnagar, Loni (Bk)	Demographics, immunization, family planning, diseases	26 to 27.09.2012
13	Skit	Lomeshwar Nagar, Loni	Environment Sanitation	03.10. 2012
14	Exhibition	Loni Bk Village	Mental health	10.10.2012
15	Exhibition	Arts, Commerce and Science College, Satral	Adolescent Health	15.10. 2012
16	Child to Child Programme	Lohagaon Village	Healthy practices	17.10.2012
17	School Health Check up	Zilla Parishd, Lohgaon	Assessment of health problems of School age group Children	18 to 20.10.2012
18	Need based care	Lomeshwar Nagar, Loni	Primary level care	20.10. 2012
19	Exhibition	Rahata Taluka	Dental Hygiene	26.10. 2012
20	Exhibition	Rahata	HIV/AIDS	01.12.2012
21	First Aid service at Mini Marathon event	PMT, Sports ground	First Aid Service	03.02.2013
22	First Aid service at Padmanjali sport event	PMT, Sports ground	First Aid Service	04.02.2013
23	Exhibition	OPD complex of PRH, Loni	Breast feeding practice	1 <sup>st</sup> week of Aug. 2013
24	Exhibition	Sharda school, Rahata	Nutrition	1 <sup>st</sup> week of Sep. 2013
25	Awareness Rally	Rahata Taluka	Environmental Sanitation	11.09.2013
26	Child to Child Programme	Sharda school, Rahata	Healthy habits	20.09.2013
27	Awareness Rally	Rahata	Alzheimer's disease	21.09.2013
28	Need based care	Lomeshwarnagar, Loni (Kd)	Primary Level Care	30.10.2013
29	Exhibition	Kolhar village	Care and prevention of Dengue fever	10.11.2013
30	Skit	Kolhar village	Impact of alcoholism on health and family	14.11.2013





31	Skit	Kolhar village	Personnel Hygiene	09.12.2013
32	First Aid service at Mini Marathon event	PMT, Sports ground	First Aid Service	02.02.2014
33	First Aid service at Padmanjali sport event	PMT, Sports ground	First Aid Service	03.02.2014
34	Skit	OPD complex, PRH	Tuberculosis	24.03.2014
35	Exhibition	PRH, Loni	Breast Feeding Practice	01 to 07.08.2014
36	Exhibition	PRH, Loni	Nutrition and health	04 to 06.09.2014
37	Exhibition	PKVM school, Loni	Adolescent Health	14.09.2014
38	Exhibition	Loni (Bk)	Alzheimer's Disease	21.09.2014
39	Exhibition	Loni (Bk)	Geriatric Health	30.09.2014
40	FGD with ASHA /ANM/TBA	Primary Health Center, Kolhar	Maternal and Child health care	09.10.2014
41	FGD with ASHA /ANM/TBA	Primary Health Center, Kolhar	Maternal and Child health care	16.10.2014
42	School Health Checkup	Kolhar village	Assessment of health problems of School age group Children	22.10.2014
43	Exhibition	PRH, Loni (Bk)	HIV/AIDS	01to 07.12.2014
44	Rally	Lohagaon, Pravaranagar	Women empowerment	06.01.2015
45	First Aid service at Padmanjali sport event	PMT, Sports ground	First Aid Service	04.02.2015
46	First Aid service at Mini Marathon event	PMT, Sports ground	First Aid Service	08.02.2015
47	Exhibition	Vitthalnagar, Loni (Bk)	Tuberculosis	24.03.2015
48	Survey	Lohagaon, Pravaranagar	Demographics, immunization, family planning, diseases	10 to 12.08.2015
49	Rally	Kolhar village	Awareness on Chicken guinea	19.08.2015
50	Child to child programme	Zillaparizad school, Kolhar	Professional etiquette and behaviors	20.08.2015
51	Need based care	Lomeshwar nagar, Loni	Primary level care	25.08.2015
52	Awareness Rally	Loni (Bk)	Eye donation	02.09.2015
53	Exhibition	Vitthalnagar, Loni (Bk)	Breast feeding practice	05.09.2015
54	Health Survey	Pathare village	Demographic data, immunization, family planning, diseases	14 to 16.09.2015
55	FGD with ASHA /ANM/TBA	Primary Health Center, Pravaranagar	Immunization coverage	28.09.2015
56	Skill training for ASHA	Primary Health Center, Kolhar	Paternal care	30.09.2015
57	FGD with ASHA /ANM/TBA	Primary Health Center, Kolhar	Antenatal care	08.10.2015
58	FGD with ASHA	Primary Health Center, Rahata	Duties and responsibilities of ASHA	13.10.2015
59	Child to child programme	Galnimb village	Prevention and control of Malaria, Chicken guinea	09.12.2015
60	Need based care	Fattyabad village	Primary level of care	12.12.2015
61	Survey	Galnimb village	Demographics, immunization,	16 to



				family planning, diseases	18.11.2015
	62	Skit	Galnimb and Fattyabad village	HIV/AIDS	05 to 07.12.2015
	63	Skill training for ASHA	Primary Health Center, Pravaranagar	Antenatal assessment	12.01.2016
	64	Rehabilitation service	Targeted intervention for commercial sex workers project by PIMS, Nashik	Rehabilitation	25.01.2016
	65	First Aid service at Padmanjali sport event	PMT, Sports ground	First Aid Service	05.02.2016
	66	Rehabilitation service	Targeted intervention for commercial sex workers project by PIMS, Nashik	Rehabilitation	01.03.2016
	67	First Aid service at State level Volley ball tournament	Sports ground, Loni (Bk)	First Aid Service	07 to 08.03.2016
	**From 2011 to 2016, the students of College of Nursing has participated <b>47 mini diagnostic camps</b> and <b>12 multi diagnostic camps</b> organized by Pravara Rural Hospital at various villages, and <b>67 SHAPE programme activities</b> organized by Center for Social Medicine				
<b>48</b>	<p><b>Give details of “beyond syllabus scholarly activities” of the department :</b></p> <p>a) Conducts guest lecture’s and training for students</p> <p>b) Organizes the training programmes, workshops for the school students and security and public on first aid training</p> <p>c) Conducts Basic Life Support (BLS) training to the first year MBBS students</p> <p>d) Conducts the in-service education classes (need based) for the nurses working at Pravara Rural Hospital</p> <p>e) Faculties serve as trainer for the trainees and conduct the GFATM training on HIV/AIDS for the final year students</p> <p>f) Collaborate with CSM for preparing the educative materials (leaflet, poster, pamphlets etc)</p> <p>g) Health promotional and welfare activities for the orphanages</p> <p>h) Education and rehabilitation for commercial sex workers</p> <p>i) Conducts women empowerment activities in the community</p>				
<b>49</b>	<p><b>State whether the programme / department is accredited / graded by other agencies? If yes, give details</b></p> <p>All the UG, PG programmes are recognized by Indian Nursing Council, New Delhi and Maharashtra Nursing Council, Mumbai.</p>				
<b>50</b>	<p><b>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied (based on published research articles, paper, projects, books, Patents etc.</b></p> <p>Revision and updating of nursing procedures (such as TPR procedure, back massage, care of pressure points, use of chittle forceps, hand washing technique, fumigation procedure, kangaroo mother care approach, breast feeding approach, baby bath approach, diet for burn patients, nutritional management for malnutrition, nutritional preparation (biscuits) and methods of health education e.g. use of Self Instructional Module)</p> <p><b>b) Salient and unique feature of Department.</b></p> <ol style="list-style-type: none"> <li>Offers all varieties of nursing courses under one umbrella (Diploma, Bachelor, Post Basic Bachelor, PG, PhD, Post basic diploma and certificate courses)</li> <li>Rich clinical area with adequate clinical materials (1275 bedded hospital) for quality clinical learning</li> <li>Students are placed in variety of Govt., private institutions and health care settings across India and abroad</li> <li>Exposure to ideal set up of Govt. and private health centers for the learning of health care delivery system in India and has own primary health centers (urban, rural and tribal) for the best public health nursing learning and research activities</li> <li>Community, and Evidence Based Nursing Education</li> <li>Well equipped laboratories with adequate research facilities</li> </ol>				



	<p>7. Qualified faculties as per INC guidelines              8. Earn and Learn scheme for the poor socio economic students              9. Teaching about the Universal Human Values and Personality Development, environmental studies and bioethics              10. The faculty of CON is a eminent members of statutory bodies at state (Maharashtra Nursing Council) and National level (Indian Nursing Council), and faculty is empanelled as assessor for NAAC              11. 100% placement to pass out graduate and post graduates, (&gt;50% of graduates recruited in Govt. organizations)              12. Have alumni association (SMRUTI) in CON under PIMS (DU)</p> <p><b>c) Innovation of the Department.</b>              1. Making the innovative recipes with locally available ingredients especially for children and pregnant woman (e.g. drumstick leaves thali)              2. Innovative ideas in school health services and health check up (e.g. integration of other health care professionals)              3. Nursing care approach for cancer patients (e.g. health education, care strategy)              4. Use of student portal for minimizing error of academic and administrative activities</p> <p><b>d) Best practice of the Department</b>              1. Problem Based Learning, Micro teaching and Journal clubs for PG students              2. Regular updating of curriculum with current and innovative topics use of ICT enabled teaching and learning              3. As per change of Govt. policy and treatment regime of TB and Malaria, we also change our approach              4. Child to Child programme for community education              5. Learning by seeing and doing (field trip/demonstration/simulation etc)              6. Preparation of cost effective teaching materials for teaching              7. Yearly release of college Magazine called BHARARI for development of extra and co curricular skills              8. Language lab for development of language and communication              9. Conducts PADMANJALI events at university level to exhibit the talents (sports and cultural) of students              10. Additional classes for underperformed students              11. Mentor system and individual approach for teaching and learning              12. Orientation of faculty on job description and supply of written copy, sensitization of professional codes for the new students, and self evaluation of faculties              13. Conduction of auspicious ceremony of oath taking and lamp lighting and handover the light to juniors              14. Organizes regular CNE's at local, regional, state level for nursing professionals</p>						
51	<p><b>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department: (Important or major ones) in bullet form. SWOC</b></p>						
	<table border="1"> <tr> <td data-bbox="345 1381 516 1696"><b>Strength</b></td> <td data-bbox="516 1381 1404 1696"> <ul style="list-style-type: none"> <li>● Financial support for the smooth conduction of college,</li> <li>● Clinical and paraclinical facilities within the campus area,</li> <li>● Physical infrastructure with well equipped laboratories, hostels,</li> <li>● Qualified and experienced faculties as per the INC norms,</li> <li>● Scholarships and Earn while Learn scheme for the deserving candidates, f) Immediate placement for the graduates,</li> <li>● Exposure to international universities through faculty/students exchange programmes, and</li> <li>● Good MOU's and collaborations</li> </ul> </td> </tr> <tr> <td data-bbox="345 1696 516 1801"><b>Weakness</b></td> <td data-bbox="516 1696 1404 1801"> <ul style="list-style-type: none"> <li>● Limited access to the coaching centers of CGFNS, IELTS, N-CLEX examination,</li> <li>● Lack of funded or sponsored research projects, and</li> <li>● Good publications in journals with high impact factor</li> </ul> </td> </tr> <tr> <td data-bbox="345 1801 516 1967"><b>Opportunities</b></td> <td data-bbox="516 1801 1404 1967"> <ul style="list-style-type: none"> <li>● To get diverse nature of students for admission in nursing,</li> <li>● To carry out collaborative research with other discipline and enhance publications,</li> <li>● Access to serve for the tribal community,</li> <li>● Establishing foreign service entry examination coaching centre (CGFNS, IELTS, NCLEX), and</li> </ul> </td> </tr> </table>	<b>Strength</b>	<ul style="list-style-type: none"> <li>● Financial support for the smooth conduction of college,</li> <li>● Clinical and paraclinical facilities within the campus area,</li> <li>● Physical infrastructure with well equipped laboratories, hostels,</li> <li>● Qualified and experienced faculties as per the INC norms,</li> <li>● Scholarships and Earn while Learn scheme for the deserving candidates, f) Immediate placement for the graduates,</li> <li>● Exposure to international universities through faculty/students exchange programmes, and</li> <li>● Good MOU's and collaborations</li> </ul>	<b>Weakness</b>	<ul style="list-style-type: none"> <li>● Limited access to the coaching centers of CGFNS, IELTS, N-CLEX examination,</li> <li>● Lack of funded or sponsored research projects, and</li> <li>● Good publications in journals with high impact factor</li> </ul>	<b>Opportunities</b>	<ul style="list-style-type: none"> <li>● To get diverse nature of students for admission in nursing,</li> <li>● To carry out collaborative research with other discipline and enhance publications,</li> <li>● Access to serve for the tribal community,</li> <li>● Establishing foreign service entry examination coaching centre (CGFNS, IELTS, NCLEX), and</li> </ul>
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		<ul style="list-style-type: none"> <li>Facilitate the scholarship from other sources/funding agencies for students</li> </ul>
	<b>Challenges</b>	<ul style="list-style-type: none"> <li>To compete and sustain, needs to have innovations in teaching and learning process,</li> <li>To meet the diverse needs of the elderly population,</li> <li>Non availability of govt. scholarship for Deemed University students, and</li> <li>Less diversity of students (less admission from outside Maharashtra)</li> </ul>
<b>52</b>	<b>Future Plan</b>	<ol style="list-style-type: none"> <li>To start Registered Nurses Bureau</li> <li>Use OSCE and OSPE in student evaluation</li> <li>To start Nurse Practitioner in Critical Care Postgraduate Residency Programme which is approved by INC and Govt. of India</li> <li>To have collaboration (Memorandum of Understanding – MOU) with other college and universities (e.g. Bel Air nursing institution, Panchgani and Symbiosis International university )</li> <li>To conduct National and International nursing conference</li> <li>To conduct collaborative research with other institutes</li> <li>To conduct state level project on views of people regarding Nurse Tracking System, this is launched by MNC on the occasion of golden jubilee celebration.</li> <li>To start new college of nursing (Atal Bihari Vajpayee College of Nursing) under MUHS at Loni Kd</li> </ol>
	<b>Any other points the department wish to add</b>	<ol style="list-style-type: none"> <li>CON have been selected as permanent examination centre for conducting Maharashtra Nursing Council (MNC) examinations of Revised General Nursing and Midwifery (RGNM) and Revised Auxiliary Nursing and Midwifery (RANM) courses</li> </ol>

----Sd/---

**Name & Signature  
(Head of the Dept.)**

----Sd/---

**Name & Signature  
Principal of the College**

# Center for Biotechno ology









**Pravara Institute of Medical Sciences (Deemed University)  
Center for Biotechnology  
Departmental Evaluative Report  
Based on the date of 5 years: 2010-11 to 2015-16**

1.	<i>Name of the Department</i>		:	<b>Centre for Biotechnology</b>		
2.	<i>Year of establishment</i>		:	2000		
3.	<i>Is the Department part of a School/Faculty of the university?</i>		:	Constituent Unit of PIMS-DU		
4.	<i>a) Names of programmes offered</i>		:	<b>As on this day</b>		
	Prog	Name of the Prog. Year of Establishment	Year of Establishment	Intake per year	Fresh enrollment	Current Student Strength
	UG	B. Sc. + M. Sc. (Int.) Medical Biotechnology	2005	30	00	00
	PG	M. Sc. Medical Biotechnology	2004	30	4	4
	Ph.D	2005	2005	As per UGC norms	00	--
	Total			60	4	4
	<b>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</b>					
	<b>B. Sc. I Year</b>		Theory : 3 Hrs / week / Paper			
	<b>B. Sc. II Year</b>		Practicals : 5 Hrs / week / course			
	<b>B. Sc. III Year</b>		Tutorials : 2 Hrs / week / course			
			Total : 10 Hrs / week / course			
	<b>Per Semester</b>		4 Theory Papers (100 Marks each)			
			1 Practical and Viva (100 Marks)			
			Total :- 600 Marks			
	<b>M. Sc. I and II Year</b>		Theory : 3 Hrs / week / Paper			
			Practicals : 5 Hrs / week / course			
			Tutorials : 2 Hrs / week / course			
			Total : 10 Hrs / week / course			
	<b>Per Semester</b>		3 Theory Papers (100 Marks each)			
			1 Practical and Viva (200 Marks)			
			1 Dissertation :- 100 Marks			
	<b>c) Latest revision of curriculum/ syllabus in 2016 Year and their salient features.</b>					
	<ul style="list-style-type: none"> <li>• Introduction of CBCS pattern in the curriculum of M.Sc. Medical Biotechnology course</li> <li>• Implementation of SGPA &amp; CGPA system</li> <li>• Inclusion of 3 electives in 3<sup>rd</sup> semester</li> <li>• Minor research projects/training apart from dissertation</li> <li>• Credits for co-curricular and extra curricular activities also introduced.</li> </ul>					
	<b>d) Contribution of faculty to curriculum design and Development (CDD) as</b>					
	<ul style="list-style-type: none"> <li>• All faculty members are members of Board of Studies committee.</li> <li>• Faculties are also members of Institutional Curriculum Development committee.</li> <li>• Faculties participated in Medical Education Training program at university level which also included sessions on curriculum development.</li> <li>• The institute has BTEU (Biotechnology Educational Unit) where members sensitized with concept related to curriculum development.</li> <li>• Faculties give inputs on revision of related subjects and also actively involved in arrangement of BOS meeting.</li> </ul>					
	<b>Note: Annexure I for list of BOS members (2011-2016)</b>					
5.	<b>Interdisciplinary programmes offered by the Department and department involved:</b>					
	Name of Programs offered by our department			Involved Departments		
				Within the institute		Of the other institute
	M.Sc. Medical Biotechnology			This PG course requires help of faculty members from		



		RMC, PIMS to teach subjects such as Physiology, Statistics and Research methodology as per the need of semester					
<b>Nature of involvement: The centre for biotechnology takes help of department from other institute for academic activities. Apart from it, institute also shares the facilities for research.</b>							
6.	<b>Courses in collaboration with other universities, industries, foreign institution etc</b>			Research activities done in collaboration with other universities and foreign institute. <ul style="list-style-type: none"> <li>• A research project is being conducted in collaboration with Drake University.</li> <li>• Students from college of agricultural Biotechnology, Loni of under Mahatma Phule Krishi Vidyapeeth ,Rahuri also completed their research project in collaboration</li> </ul>			
7.	<b>Details of programs discontinued, if any with reasons</b>			No			
8.	<b>Examination System</b>			Semester wise system includes 70 external & 30 internal patterns. It has Mid- semester, preliminary examination and final university examination.			
9.	<b>Participation of the department in the courses offered by other departments</b>			PG Program- Rural Dental College, PIMS-DU Ph. D. Program- Rural Medical College & Rural Dental College, PIMS-DU Centre for Biotechnology serves research facilities and expertise for the PG and Ph.D students for their research project. <b>ANNEXURE-II</b>			
10.	<b>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</b>						
<b>(a) Teachers</b>							
<b>S.N.</b>	<b>Required as per MCI/DCI/ INC/ UGC / Other Statutory bodies</b>		<b>Actual Faculty Strength (Recruited or filled)</b>				
		UGC requirement	<b>Male</b>	<b>Female</b>	<b>Total</b>		
<i>i</i>	Professor	01	0	0	0		
<i>ii</i>	Associate Professor Reader	02	0	0	0		
<i>iii</i>	Assistant Professor Lecturer	07	1	3	4		
<b>Total</b>		10	1	3	4		
<b>(b)</b>							
<b>Qualification Profile of Teachers</b>			<b>M</b>	<b>F</b>	<b>Total</b>		
<b>With P.G. Degree Only</b>			1	1	2		
<b>With higher qualification than PG (Ph.D/D.Sc.)</b>			0	1	1		
<b>Teachers Pursuing Higher Degrees</b>			0	1	1		
11	<b>Faculty profile with name, qualification, designation, area of specification, experience and research under guidance(as on this day)</b>						
<b>a) Faculty (as UG/PG teachers) (Internal):</b>							
<b>Sr . No</b>	<b>Name of Teaching Staff</b>	<b>Qualificati on</b>	<b>Designation</b>	<b>Area of Specialization</b>	<b>Teaching Experienc e in Years</b>	<b>No. of PG Students</b>	
						<b>Guid ing</b>	<b>Guid ed</b>
1.	Dr. Sonali Das	Ph. D.	I/C Director	Biotechnology	5 .4	1	2
2.	Ms. Namita Raytekar	M. Sc.	Assist. Prof.	Microbiology	5 .6	1	7



	3.	Mr. Ganesh Vikhe	M.Sc.	Lecturer	Medical Biotechnology	5.4	0	1
	4.	Ms. Meghna Choudhari	M.Sc.	Assist. Prof.	Medical Biotechnology	1 yr	0	0
<p><b>The Faculty of the Departments of Microbiology, Biochemistry, Pathology, Physiology, and Anatomy of Rural Medical College of PIMS-DU act as Adjunct Faculty.</b></p> <p><b>(b) Faculty of the Department as Ph.D. Guides (as on this day)</b></p>								
	1.	Dr. Sonali Das			Internal (from 21.03.2016)			
<b>12</b>	<p><b>List of senior Visiting Fellows, adjunct faculty, emeritus professors : (as on this day)</b>  <b>List of Adjunct faculty at Centre for Biotechnology:</b></p>							
	Sr. No	Name of the Adjunct Faculty and their nature of involvement	Qualification	Designation and Affiliation	Area of Specialization	Experience in years		
	1.	Dr. Pavan Pandav, Teaching	M.B.B.S	Tutor, RMC, PIMS-DU, Loni	Physiology	7 yrs		
	2.	Mr. Hemant Pawar, Teaching	M. Sc. (Statistics)	Associate Prof., RMC, PIMS-DU, Loni	Biostatistics	23.5 yrs		
	3.	Mr. T. K. Kumkar, Teaching	M. Sc. (Mathematics)	Assist. Prof., College of A&S Rahata	Mathematics	16 yrs		
	4.	Mr. Sachin Deorukhkar, Teaching	M. Sc. (Medical Microbiology)	Assist. Prof., RMC, PIMS-DU, Loni	Medical Microbiology	11 years		
	5.	Ms. Padmajakshi Naidu, Teaching	M. Sc. (Medical Microbiology)	Tutor, RMC, PIMS-DU, Loni	Medical Microbiology	3.5 years		
<b>13</b>	<b>Percentage of classes taken by temporary faculty programme wise information</b>				:	Adjunct faculty covers full syllabus of a given subject allotted to them (25%)		
<b>14</b>	<b>Programme wise Teacher Student Ratio</b>				:	<b>Teacher Student Ratio</b>		
	<b>Programme</b>							
	<b>UG</b>					-		
	<b>PG</b>					1:1		
	<b>Ph.D.</b>					-		
<b>15</b>	<b>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</b>							
	Sr. No	Staff	Name of the Post	Required as per statutory Bodies	Filled / Actual			
					M	F	Total	
	1	Administrative	Clerk	2	0	0	0	
	2	Technical	Lab Technician	3	1	0	1	
	3	Support		2	1	-	1	
		Total		5	2	0	2	
<b>16</b>	<b>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</b>							
	<ul style="list-style-type: none"> <li>➤ Genomics, Cellular Biology, Immunology</li> <li>➤ Infectious Diseases</li> <li>➤ Plant Biotechnology</li> <li>➤ Drug designing &amp; Bioinformatics</li> </ul>							





➤ Herbal & Food Sciences							
<b>17</b> <i>Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise : (For the last 5 Years)</i> <i>i) 4 No. of faculty of the department are involved in 4 No. of Research projects</i> <b>Abstract of projects</b>							
<b>No. Project Funded by</b>	<b>No. of ongoing projects (a)</b>	<b>No. Completed Projects (b)</b>	<b>Total Projects (a+b)</b>	<b>Funds sanctioned (in Rs.) Total</b>			
				<b>For (a)</b>	<b>For (b)</b>	<b>For a+ b</b>	
<b>University and Dept.</b>	3	6	9	32,000/-	1,71,000/-	2,03,000/-	
<b>The details of projects are as follows:</b> <b>a) Ongoing Projects of Faculty (as on this day) – All Sponsoring by PIMS-DU</b> <b>b) Completed Projects of the faculty ( last 5 Years)– All Sponsoring by PIMS-DU</b>							
<b>Sr. No.</b>	<b>PI, Co-PI and Project Title</b>			<b>Grant sanctioned</b>	<b>Duration (Yr.)</b>		
1.	Dr. S.P.Kamble Biochemical studies on the immobilization of the enzyme invertase in alginate gels			0	1 year		
2.	Dr. S.P.Kamble Isolation, partial purification and detection of immunoglobins from human serum and chicken egg yolk.			0	1 year		
3.	Ms. Gavhane Asmita J. Effect of flower and leaf extract of Caesalpinia pulcherrima on Phagocytosis by Human Neutrophils: A Biomedical Approach			31,000/-	. 1 year		
4.	Mr. Meshram Rohan J. Virtual Screening for finding drug against Influenza A (H1N1) Virus			45,000/-	. 1 year		
5.	Ms. Bansode Twinkle To Investigate the RAS ( Renin- Angiotensin system ) inhibitors and activators			55,000/-	1 year		
6.	Synthesis of biologically active novel styrylchromones			40,000/-	1 year		
<b>Note :- Do not include inter institutional collaborative research project / clinical trials at sl.No. 17. They must be included at Sl.No. 18 only</b>							
<b>18.</b>	<b>Inter- institutional collaborative projects of faculty &amp; associated grants received (including clinical trials) excluding those included a Sr. No.16) (For the last 5 Years) (as on this day)</b>			<b>On going</b>	<b>Level</b>		<b>Grants Received in Lakhs</b>
				1	International Level collaborative Projects-		3,24,709/-
<b>19</b>	<b>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)</b>						
	<b>Research Projects under taken by</b>	<b>Total Projects</b>	<b>On going</b>	<b>Compl eted</b>	<b>Amount Sanctioned</b>		<b>Total Rs Lakhs</b>
					<b>On</b>	<b>Completed</b>	
(a)	The faculty ( at the Dept. ) Funded by Self or Department or University	8	3	5	32,000/-	1,71,000/-	2,03,000/
(b)	Inter-Institution / Industry	1	1	0	3,24,709/-		3,24,709/





	Projects (collaborate) including clinical trials							
	<b>Total</b>	<b>9</b>	<b>4</b>	<b>5</b>	<b>3,56,709/-</b>	<b>1,71,000/-</b>	<b>5,27,709/-</b>	
<b>20.</b>	<b>(a) Research Facility / Center and recognition by state / National / International agensis.(as on this day)</b>							
	<i>In the department (Details of facilities in brief)</i>	<p>5 well equipped labs are available:</p> <ol style="list-style-type: none"> <li>1. General Laboratory: Basic facilities available for Microbiology, Biochemistry, Chemistry &amp; Cell Biology practicals</li> <li>2. Molecular Biology Laboratory Basic &amp; advance facilities available for Molecular Biology, Genetic Engineering, Immunology, Physiology practicals</li> <li>3. Animal Tissue Culture Laboratory Facilities available for Animal Cell culture cultivation &amp; preservation. Cancerous cell lines are maintained</li> <li>4. Plant Tissue Culture Laboratory\ Facilities available for Plant Cell culture cultivation &amp; preservation.</li> <li>5. Bio-informatics Laboratory Software tools were available for genomics &amp; proteomics</li> </ol>						
	<i>In other college ( Details of facilities used by us)</i>	Bacteriological section of Dept. of Microbiology, RMC, PIMS-DU for obtaining microbial culture						
	<i>At central level ( Details of facilities used by us)</i>	Central Clinical Laboratory, Pravara Rural Hospital for blood/serum samples for research & experimental purpose.						
<b>21.</b>	<i>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization of any.</i>				Plant Tissue Culture Laboratory			
	<i>Publication data of last 5 years Publications in peer reviews journals and conference proceeding (ISSN)</i>				<b>International: 25</b> <b>National: 10</b> <b>Total: 35</b> Annexure III- Details of publication			
	<i>No. of Monographs (ISBN/NON ISBN)</i>				:	Nil		
	<i>No. of Books Published (ISBN/NON ISBN)</i>				:	Nil		
	<i>No. of Edited Books (ISBN/NON ISBN)</i>				:	Nil		
	<i>No. of chapters in Books with details of publishers (ISBN/NON ISBN)</i>				:	Nil		
	<i>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.): - 31</i>							
	<i>Research publication included and listed in international database are 23 Out of total publication.</i>							
	<i>No. of Citation Index – range / average</i>				:	Range: 1-23, Average:10.63		
	<i>SNIP</i>				:	Range:0.537 Average:0.537		
	<i>SJR</i>				:	Range:0.26-0.3 Average:0.275		
	<i>Impact Factor- range/average</i>				:	Range: 0 .1 to 5.12 Average: 1.62		
	<i>h-index</i>				:	-		
<b>23.</b>	<i>Details of patents filed / granted and income</i>				:	Nil		



	<i>generated (5 Years data)</i>						
24.	<i>Areas of consultancy and income generated(5 Years data)</i>			:	Paid Consultancy- Revenue Generated. Rs.- 63,000/- Details are in Annexure IV		
25	<i>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data)</i>						
	<i>Total</i>	<i>Inter-national</i>	<i>National</i>	<i>State</i>	<i>Others</i>		
	4	0	3	1	0		
	The details are given in Annexure-V						
26.	<i>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data)</i>						
	<i>Total no. of faculty-</i> 10						
	<i>(a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data)- Nil</i>						
	<i>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data)</i>						
27.	<i>Faculty recharging strategies (UGC, ASC/ MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)Annexure VI</i>						
	Sr. No.	Type of the Programme	No. of FDPs participated				
			State / University Level	National Level	International Level	Total	
	1	Orientation/Refresher/MET/ CME	6	-	-	6	
	2	Workshop/Seminar/ Symposium/ conferences	3	14	8	25	
	3	FDPs (guest lecture, training, CM, CPC, etc.)	9	2	-	11	
		<b>Total</b>	<b>18</b>	<b>16</b>	<b>8</b>	<b>42</b>	
28.	Students Projects: The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)						
	Sr. No.	PG Projects		PG Dissertations			
		Ongoing	Completed	Total	Ongoing	Completed	Total
	1.	1	1	2	0	19	19
	<i>Percentage of students who have done in house projects including inter departmental project</i>			:	52.63% (10 projects out of 19 projects))		
	<i>Percentage of students doing projects in collaboration with other universities/industry/institute</i>			:	47.36%		
	<i>Details of PG dissertations are given in the annexure</i>			:	Annexure VII		
29.	<i>a) Research Awards/recognitions received at the national and international level (5 Years data), Annexure VIII -One National Award and Two State Award – Total 3 Award</i>						
	<i>(ii) General Awards to Faculties &amp; Student for Social service / Extension activities. (5 Years data)- 2 General Awards for Social Service at PIMS (DU)</i>						
30.	<i>Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data)- 2 Invited Guest Lectures at PIMS(DU)</i>						



b)	<p><b>Note : Reports on details of S/S/C/W and External Resource person, delegates attended and Proceedings etc. are given in the annexure in the following format.</b></p> <ul style="list-style-type: none"> <li>• One Guest Lecture on Hospital Aquired Infection and control on 28<sup>th</sup> April 2016.</li> <li>• One Guest Lecture on Human Physiology and applied aspects.</li> </ul>					
31.	<p><b>Code of ethics for research followed by the departments</b></p>	:	<p>All the research projects conducted at the institute are approved by Institutional Ethical Committee- PIMS(DU) registered with DCGI which follows ICMR 2006 guidelines In case of collaborative projects MOU is signed between all concerned parties</p>			
32.	<p><b>Student Profile programme-wise :</b></p>					
<p>a) PG Programme Name of the Programme : M.Sc. Medical Biotech course- 4 Students are admitted in 2015-16 based on UG Merit.</p>						
<p>No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year</p>						
Academic Year of Outgoing batch		No. of Students			% of Pass student with	
		Appeared	Pass	Pass %	I <sup>st</sup> Class	I <sup>st</sup> Class with Distinction
2010-11		12	12	100%	66.6%	33.3%
2011-12		12	12	100%	41.6%	50%
2012-13		0	0	0	0	0
2013-14		4	4	100%	25%	25%
33.	<p><b>Diversity of Students : a) PG Programme</b></p>					
Name of the Course refer to question no. 4		Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	
M.Sc.Medical Biotechnology		2010-11	2 (16.66%)	7 (58.33%)	3 (25%)	
		2011-12	7 (58.33%)	2 (16.66%)	3 (25%)	
		2012-13	0	0	0	
		2013-14	0	3 (75%)	1(25%)	
		2014-15	0	0	0	
		2015-16	0	0	0	
34	<p><b>How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.)</b></p>					
Year		GATE	NET	SET	TOEFEL/GRE/IELTS	
2010-11		05	--	--	04	
2011-12		01	01	--	04	
2012-13		02	--	--	02	
2013-14		--	01	--	01	
2014-15		--	03	01	--	
2015-16		--	--	--	--	
35.	<p><b>Student progression:</b></p>	:	<p><b>Either at PIMS or other Institution in India &amp; Abroad (Average % for last 5 Years)</b></p>			
Student Progression			% against enrolled			



	I	UG – PG Studies	60.00%														
		PG – SS/Ph. D.	51.66%														
		PG to employment	15.00%														
		UG / PG to Entrepreneur	1.66%														
<b>36.</b>	<b>Diversity of Staff as on this day</b>																
	<b>Number and % Diversity of Staff ( as on this day ) belonging to</b>		<b>% Staff who have obtained PG Degree from</b>														
	<b>Same State/UT</b>	<b>3 &amp; 75 %</b>	Parent University <b>2 &amp;.50 %</b> Other Universities of the State <b>1 &amp;.25 .%</b> Other State University <b>1. &amp; 25.%</b> Other Countries <b>Nil</b>														
	<b>Outside State/UT</b>	<b>1 &amp; 25 %</b>															
	<b>Other Countries</b>	<b>Nil</b>															
<b>37.</b>	<b>Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) :</b> Dr. S. N. Jangle : 2011 Dr. Rajendra Gaikar: 2011																
<b>1.</b>	<b>Present details of departmental infrastructural facilities with regard to :</b>																
	<b>A) Infrastructural facility (Common to all departments)</b>																
	<b>a) Library (dept): No. of Collections Book/Journal/Project Report</b>	:	<b>Departmental Library</b> Books: 125 <b>Central Library:</b>														
	<b>Central Library books and Journal belonging to our department (both print and e mode)</b>																
			<table border="1"> <thead> <tr> <th>Item</th> <th>Total No.</th> </tr> </thead> <tbody> <tr> <td>Text Books</td> <td>35</td> </tr> <tr> <td>Reference Books</td> <td>507</td> </tr> <tr> <td>e-Books</td> <td>368</td> </tr> <tr> <td>Journals (Current Subscription)</td> <td>06</td> </tr> <tr> <td>Journals (Bound Vol.)</td> <td>114</td> </tr> <tr> <td>e-Journals</td> <td>12724</td> </tr> </tbody> </table>	Item	Total No.	Text Books	35	Reference Books	507	e-Books	368	Journals (Current Subscription)	06	Journals (Bound Vol.)	114	e-Journals	12724
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Journals (Bound Vol.)	114																
e-Journals	12724																
	<b>b) Internet facilities for staff and students</b>	:	Internet LAN connection: 02 Wi Fi enabled														
	<b>c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive &amp; Inclusive)</b>	:	Class Rooms: 01 Laboratory: 05														
	<b>d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive &amp; Inclusive)</b>	:	Class room with LCD projector: 01														
	<b>e) Students laboratories at the Department</b>	:	04														
	<b>f) Research Laboratories of the Dept.</b>		<ol style="list-style-type: none"> <li>1. Animal tissue culture Laboratory</li> <li>2. Plant tissue culture Laboratory</li> <li>3. Molecular biology Laboratory</li> <li>4. Bioinformatics Laboratory</li> <li>5. General Laboratory</li> </ol>														
	<b>g) Museum at the Department and no. of specimen, charts, Modules etc.</b>	:	00														
	<b>h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)</b>	:	<b>Annexure X</b>														



	<b>D)</b> Sharing and usage of the resources of other Departments (For Diagnosis and Research as well		:	Sharing of research laboratories, expertise with the other units of the university	
39.	<i>No. of doctoral post- doctoral students and Research Associates / PDF working</i>		:	Nil	
40	<i>(a) Number of students getting financial assistance from the university</i>				
	<i>PG and Ph.D. Students getting assistance from the University: Nil</i>				
41.	<i>Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :</i> Yes, assessment done before the introduction of P.G and Ph. D. programme				
42.	<i>Does the department obtain feedback from</i>				
	Sr. No.	From	Yes/No	Feedback Manual / Digital	How the feedback analysis is used for improvement
	1	Student	Yes	Manual/ Digital	Improvement performance
	2	Faculty	Yes	Manual Informal	Internal assessment,
	3	Alumni / Parents/ Employer	Yes	Manual Informal	Curriculum development
43.	<i>List the distinguished alumni of the department (Maximum 10) ( UG student or PG Student belonging to the subject)</i>			:	Name and designation with address
	Sr. No.	Name & Designation	Details at the PIMS University & Year		Place of work of alumni
	1.	Sohan Asardohkar Assist. Manager Axillaries Lab Pvt. Ltd. Gujarat	B. Sc. + M. Sc. (Int.) Medical Biotechnology, 2010		Gujarat
	2.	Bhupinder Ramtake Bank of Maharashtra Pune Head Office	B. Sc. Life Sciences, 2008		Pune
	3.	Neeraj Bharthe Project Engineer C-DAC Research & Development Centre Pune	B. Sc. Life Sciences, 2009		Pune
	4.	Kuldeep Khope Production Officer Serum Institute of India Pune	B. Sc. + M. Sc. (Int.) Medical Biotechnology, 2010		Pune
	5.	Sanket Jaiswal IDBI Bank, Nagpur	B. Sc. Life Sciences, 2010		Nagpur
	6.	Varsha Muthe Assist. Prof. College of Agricultural Biotechnology, Loni	B. Sc. + M. Sc. (Int.) Medical Biotechnology, 2010		Loni
	7.	Vijay Dandawate Therapy Business Manager FDC Pharma Ahmednagar	B. Sc. + M. Sc. (Int.) Medical Biotechnology, 2012		Ahmednagar
	8.	Nahush Karnataki Thermo Scientific, UK	M. Sc. (Ind.) Medical Biotechnology, 2007		United Kingdom





	9.	Sujay Naik Former Sale Executive at Integarted Gulf Biosystem , UAE	B. Sc. + M. Sc. (Int.) Medical Biotechnology, 2010	Dubai
	10.	Deepak Choudhari Aarti Drugs Ltd. Tarapur, Mumbai	M. Sc. (Ind.) Medical Biotechnology, 2014	Mumbai
44.	<b><i>Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</i></b> <b>The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under: Nil</b>			
45.	<b><i>a) List the teaching methods adopted by the faculty for different programmes:</i></b>			
	Sr. No.	For PG		
	1.	M.Sc. 1. Traditional : It implies use of chalk –board method to elaborate chemical structure/reaction ,pathways, OHP presentation, all sort of explanatory teaching 2. Blended : It implies blending 2 or more methods that is usually done for better outcome and effective teaching like traditional blended with ICT enabled. 3. ICT enabled: Audio – visual learning aids, power point presentation using projector,3-D model study using software’s for effective teaching Learning Centric Approach : Grant opportunity to present paper, seminar, Viva voce, assignments, projects to inbuild skill of defending and have mastery over research technology. 4. Beyond Curriculum Scholarly activities: In this extension activity done to enhance skill and all round development of student like participation in slogan writing, various competition in annual gathering, sports, inventum etc.		
	A: Traditional B: Blended C: ICT enabled D: Learning Centric Approach E: Beyond Curriculum Scholarly activities.			
	<b><i>b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling, ):</i></b>			
	<ul style="list-style-type: none"> <li>• The orientation and induction programme was given at the beginning of the course.</li> <li>• The institute is having the mentor-mentee system</li> <li>• The counseling programme was given to the students in various categories viz. slow learners</li> <li>• Remedial programme also conducted for the students</li> </ul>			
46.	<b><i>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?</i></b> Student performance is evaluated through University Examination and internal assessment which includes class test, seminars, examinations(Mid- Sem. and Preliminary Examinations)			
47.	<b><i>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive)</i></b>			
	1) <b><i>Involvement of student and faculty in various type of extension activity organized by the dept.</i></b>			
	Sr. No.	No. of Camps/Workshops/ Surveys/Training/Rallies/Lectures/Celebrations / any other events.	Academic Year	No. of Beneficiaries
	1.	Science Day Celebration was arranged for the school students of Kunchi Manchi village	2011-12	20
	m) <b><i>Our faculty is involved extension in health awareness programs organized by the college / University through lectures, rally, camps/ training. as HR / Contributions</i></b>			
	Sr. No.	Programme	Venue	Number of Faculty
				Date



	1.	Blood Donation	Blood Bank, PMT	2	2011-12
48.	<p><i>Give details of “beyond syllabus scholarly activities” of the department :</i></p> <ul style="list-style-type: none"> <li>• Journal club</li> <li>• Group discussion, seminar, guest lectures</li> <li>• Student minor research projects</li> <li>• Industrial visit</li> <li>• Students are motivated to attend the conferences/seminar/workshops etc.</li> </ul>				
49.	<p><i>State whether the programme / department is accredited / graded by other agencies? If yes, give details :</i> No</p>				
50.	<p><b>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied ( based on published research articles, paper, projects, books, Patents etc.</b></p> <p><b>b) Salient and unique feature of Department.</b></p> <p><b>c) Innovation of the Department.</b></p> <p><b>d) Best practice of the Department</b> (Based on academic programmes, research, Teaching-Learning, Evaluation, Extension, consultancy, collaboration, welfare, governance, quality, enrichment awareness, publication etc.)</p> <p>a) A wide range of research projects are being carried out at Centre for Biotechnology focusing on areas such as molecular biology, food microbiology, herbal extracts, nano-particles, microbial biofilm production, virology, microbial technology, molecular docking etc.</p> <p>The institute is also serving as central research facilities for a researcher’s of constituent units of the university. Institute provides infrastructure for a particular project as well as gives expertise guidance on the projects. Since last five years 7 PG and 6 Ph. D students have utilized facilities available at Centre for Biotechnology</p> <p>The institute also facilitates research projects for outside students/researcher. A total of 10 students from College of Agriculture Biotechnology have been trained and their research projects have been completed.</p> <p>A total of 29 student’s projects have been completed in the institute. Out of 8 faculty research projects 5 is completed and 3 projects are ongoing. An international collaborative research project is also undergoing in the institute.</p> <p>Since last five years, 35 research papers have been published at national and international level.</p> <p><b>b) Salient features:</b></p> <ul style="list-style-type: none"> <li>➤ The curriculum is designed as per the latest requirement and developments in field of biotechnology.</li> <li>➤ Institute imparts in-depth knowledge in medical biotechnology, which will be applied for sustainable use of the available bio- resource for the betterment of mankind.</li> <li>➤ Excellent infrastructural facilities necessary for medical research</li> </ul> <p><b>c) Innovation:</b></p> <ul style="list-style-type: none"> <li>➤ Innovative curriculum</li> <li>➤ Integration of co-curriculum and extra-curriculum activities in the development of curriculum</li> <li>➤ Biotechnology Education Unit has been established in the institute in the year 2015-16.</li> </ul> <p><b>d) Best practices:</b></p> <ul style="list-style-type: none"> <li>➤ Advance teaching plan</li> <li>➤ Exchange programs for staff and students with International Universities/ Organizations.</li> <li>➤ Arranging counseling &amp; guidance program for students.</li> <li>➤ Faculty/student can attend various training programme /workshop /conference /seminars /CMEs to excel their skill and knowledge.</li> <li>➤ Digital feedback system for the students.</li> <li>➤ Institutional review committee conducted every month to monitor the progress of institutional activities and future planning</li> </ul>				
51.	<p><i>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the</i></p>				



<i>department: (Important or major ones) in bullet form.SWOC</i>	
Strength	<ul style="list-style-type: none"> <li>• Innovative course offering specialization in medical field</li> <li>• Well equipped laboratory and infrastructure</li> <li>• Research oriented facilities</li> </ul>
Weaknesses	<ul style="list-style-type: none"> <li>• Lack of awareness of the course</li> <li>• Low student strength</li> <li>• Funding from international agencies.</li> <li>• Limited number of teaching staff/ Research personnel's.</li> <li>• Shortage of supporting and administrative staff.</li> <li>• Shrinking of opportunities in the area of Biological Sciences.</li> <li>• Decreasing interest in youngsters for research and science.</li> </ul>
Opportunities	<ul style="list-style-type: none"> <li>• Faculty members can apply for the research grants from external agencies</li> <li>• Research publications.</li> <li>• Scope in research and development in the field of medical biotechnology</li> <li>• Scope for industrial linkage and consultancy</li> <li>• Scope for collaboration with other organizations.</li> <li>• Scope for publication.</li> </ul>
Challenges	<ul style="list-style-type: none"> <li>• Creating awareness of the course</li> <li>• It is a direct equation that for financial viability of institute the number of admissions has to be increase.</li> <li>• Competition with other institutes or universities running the same or equivalent course</li> </ul>
<b>52.</b>	<p><b><i>Future Plan</i></b></p> <ul style="list-style-type: none"> <li>• Implementation of Choice Based Credit System (CBCS) in the curriculum from academic year 2016-17</li> <li>• Proposal for faculty in-house Research project</li> <li>• Research focusing on tribal health and medicinal plants</li> <li>• Submission of research proposal for external funding/fellowship</li> <li>• Initiatives for consultancy, and extension.</li> <li>• Organization of Faculty Development Program (FDP), workshop, guest lectures.</li> </ul>

---Sd/---  
**Name & Signature**  
**(Head of the Dept.)**

---Sd/---  
**Name & Signature**  
**Director of the College**

# Centre for Social Medicine











**Pravara Institute of Medical Sciences (Deemed University)  
Center for Social Medicine  
Institutional Evaluative Report  
Based on the date of 5 years: 2011-12 to 2015-16**

1.	Name of the Institution	:	<b>Centre for Social Medicine</b>				
2.	Year of establishment	:	Established in 2001 and recognized by UGC in 2005				
3.	Is the Department part of a School/Faculty of the university?	:	Yes, Allied Health Sciences Faculty of PIMS, DU.				
4.	a) Names of programmes offered	:	<b>As on this day 31<sup>st</sup> July 2016</b>				
	Prog.	Name of the Prog.	Year of Establish ment	Intake per year	Fresh enrollment	Current Total Student Strength	Total students passed
	PG	M.Sc. (Public Health)*	2012-2013	30	-	NA	04
		Master of Public Health (MPH)	2014-2015	30	06	9 <b>(Annex. I)</b>	--
	Ph.D	Ph.D.	2009-2010	As per UGC	0	3 <b>(Annex. II)</b>	1 <b>(Annex. II)</b>
	Any other (SS/innovative) Certificate / Diploma	Certificate Course in ICT in Rural Development	2015-16	10	10 <i>(May16-July 16)</i>	10 <b>(Annex. III)</b>	--
		Certificate Course in Social Health & Development (CSHD) for international students	2011-2012	--	11 <i>(Current batch 2015-2016)</i>	21 <i>(2015-2016)</i>	Total Students - 80 (14 batches) <b>(Annex. IV)</b>
		Certificate Course in “Arogya Mitra” at CSM	2013-2014	-	3 batches with 68 students have completed the course during 2013-2014		
		*Nomenclature of the Course was changed to MPH from 2014-2015 onwards					
<b>Country and University wise details of the students completed CSHD course</b>							
	Country	University	Total students				
	Sweden	Umea University ,Sweden	2				
		Lund University, Sweden	4				
		Karolinska Institute, Sweden	4				
		University of Skovde	1				
	UK	Drake University, USA	1				
	Spain	Regional University Hospital, Carlas Haya, Province of Malga, South of Spain	1				
	Maldives	Ocean Road, Mahibadhoo, Maldives	1				
	Austria	Graz University , Austria	2				
	USA	Oregaon State University,USA	31				
		University of Oregon, USA	10				
		Drake University, USA	23				
		University of Washington, USA	3				
		Southern Oregon University, USA	1				
		University of Montana, USA	3				
		Yamamoto, Portland State University, USA	1				
		Georgia University, USA	1				
		Iowa State University, USA	1				
		Portland State University	1				



		Total				91							
<b>b) Details of Curriculum / Syllabus of the Subject as per statutory regulatory bodies- as on this day</b>													
	Name of Subject & No. of years the subject is taught in the given course	Total Hours of Teaching – Learning				No. of Papers & Practical to be Taught			Marks for University exam				
		Theory	Prac	Oth	Tot	Pape r	P r a c e	O t h	Pape r	Pra cti cal	V i v a	D is s	Tot
<b>P G</b>	<b>Master of Public Health (MPH)</b>												
	MPH -101: Introduction to Public Health	48			48	01			100			100	
	MPH -102: Human Biology & Public Health Chemistry	48			48	01			100			100	
	MPH -103: Medical & Health Statistics	48			48	01			100			100	
	MPH -104: Research Methods in Public Health	48			48	01			100			100	
	MPH -105: Health Psychology, Communication & Counseling	48			48	01			100			100	
	MPH -111: Practical's/Field visits based on 101 to 105		48	50	98		1		100			100	
	MPH – 201: Epidemiology	48			48	01			100			100	
	MPH – 202: Demography & Population Sciences	48			48	01			100			100	
	MPH – 203: Project Planning & Management	48			48	01			100			100	
	MPH – 204: Communicable & Infectious Diseases	48			48	01			100			100	
	MPH – 205: Non-communicable Diseases	48			48	01			100			100	
	MPH – 211: Practical's/Field visits based on 201 to 205		48	50	98		1		100			100	
	MPH – 301: Health of Vulnerable Populations	48			48	01			100			100	
	MPH – 302: Environmental Health & Sustainable Development	48			48	01			100			100	
	MPH – 303: Occupational, Industrial and Urban Health	48			48	01			100			100	
	MPH – 304: Health Policy, Planning & Economics	48			48	01			100			100	
	MPH – 305: Public Health Internship			200	200		1				10	100	



											0											
	MPH – 311: Practical's/Field visits based on 301 to 304		48	50	98		1			100			100									
	MPH – 401: Public Health Nutrition	48			48	01			100				100									
	MPH – 402: Health Systems Development & Management	48			48	01			100				100									
	MPH – 403: International Health	48			48	01			100				100									
	MPH – 404: Research Project			400			1					2 0 0	200									
	MPH – 411: Practical's/Field visits based on 401 to 403		48	50	98		1		100				100									
<p><b>c) Latest revision of curriculum/ syllabus in 2014 Year and their salient features.</b></p> <ul style="list-style-type: none"> <li>The Syllabus of M.Sc. (Public Health) was modified and upgraded to align with other National University's Master of Public Health (MPH) Program</li> <li>Innovative subjects like <i>Project Planning &amp; Management, International Health, Health of the Vulnerable Populations, Sustainable Development</i> etc are included in the syllabus</li> <li>New curriculum was designed for Certificate in ICT in Rural Development.</li> </ul>																						
<p><b>d) Contribution of faculty to curriculum design and Development (CDD) as</b></p> <p>i) Member / chairman BOS/ Faculty/ BOE at parent university and other universities.</p> <ul style="list-style-type: none"> <li>Prof.K.V.Somasundram is Member of BOS in Social Medicine of PIMS, DU and Adhoc BOS in Public Health Sciences of North Maharashtra University, Jalgaon</li> <li>Dr.Sunil Thitame is Member of BOS in Social Medicine of PIMS, DU.</li> </ul>																						
<b>5.</b>	<p><b>Interdisciplinary programmes offered by the Department and department involved</b></p> <table border="1"> <thead> <tr> <th>Name of Programs offered by our department</th> <th colspan="2">Involved Departments</th> </tr> <tr> <td></td> <th>Within the institute</th> <th>Of the other institute</th> </tr> </thead> <tbody> <tr> <td>Master of Public Health</td> <td>Dept. of Community Medicine, RMC Dept. of Anatomy, RMC Dept. of Microbiology, RMC Dept. of Physiology, RMC Dept. of Biochemistry, RMC College of Nursing, PIMS College of Physiotherapy, PIMS</td> <td>Dept. of Yoga and Naturopathy, Sangamner College, Sangamner.</td> </tr> </tbody> </table> <p><b>Nature of involvement:</b> The teaching of theory and practical subjects is conducted by the faculty of respective departments.</p>													Name of Programs offered by our department	Involved Departments			Within the institute	Of the other institute	Master of Public Health	Dept. of Community Medicine, RMC Dept. of Anatomy, RMC Dept. of Microbiology, RMC Dept. of Physiology, RMC Dept. of Biochemistry, RMC College of Nursing, PIMS College of Physiotherapy, PIMS	Dept. of Yoga and Naturopathy, Sangamner College, Sangamner.
Name of Programs offered by our department	Involved Departments																					
	Within the institute	Of the other institute																				
Master of Public Health	Dept. of Community Medicine, RMC Dept. of Anatomy, RMC Dept. of Microbiology, RMC Dept. of Physiology, RMC Dept. of Biochemistry, RMC College of Nursing, PIMS College of Physiotherapy, PIMS	Dept. of Yoga and Naturopathy, Sangamner College, Sangamner.																				
<b>6.</b>	<p><b>Courses in collaboration with other universities, industries, foreign institution etc</b></p> <ul style="list-style-type: none"> <li>Public health internship, short term student collaborative research programs are offered.</li> <li>Credit points on the basis of learning hours are offered to students for Internship training imparted to foreign students</li> <li>MSW students of CSRD Ahmednagr are undertaking their block placement at CSM (<b>Annex V</b>)</li> </ul>																					
<b>7.</b>	<p><b>Details of programs discontinued, if any with reasons</b></p> <ul style="list-style-type: none"> <li>PGD Epidemiology &amp; Health Management was discontinued as there were no students</li> </ul>																					
<b>8.</b>	<p><b>Examination System</b></p> <p>Semester System</p>																					



9.	<i>Participation of the department in the courses offered by other departments</i>	Environmental Studies Subject is taught to all undergraduate students (MBBS, BDS, BPT, B.Sc (Nsg) of other Departments of PIMS as a compulsory component
10.	<i>Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/ Asst. Professors / Others) as on this day</i> Faculty Profile	

**(a) Full time Teachers**

S.N.	Required	Recruited or filled		
		Male	Female	Total
i	Professor	-	-	-
ii	Associate Professor	1	-	1
iii	Assistant Professor	1	-	1
iii	Tutors	7	5	12
Total		9	05	14

**b) Adjunct Faculty from Sister Institutes**

S. N.	Required	Recruited or filled		
		Male	Female	Total
i	Professor	5	1	6
ii	Associate Professor	0	2	2
iii	Assistant Professor	6	3	9
iv	Tutor	14	1	15
Total		25	07	32

**C) Visiting Faculty From outside the University**

S. N.	Required	Recruited or filled		
		Male	Female	Total
i	Visiting Faculty	3	2	5
Sub Total		3	2	5

Qualification Profile of Teachers		M	F	Total
With P.G Degree only		28	8	36
With higher qualification than PG		4	1	5
Other qualification (U.G./P.G. diploma)		6	4	10
Teachers pursuing higher degrees		2	-	2

**d) Non-Teachers**

	Sanctioned Strength	Filled		
		Total	Male	Female
Admin. Staff	01	01	01	00
Clerk	03	03	01	02
Field Assistant	01	01	01	00
Support Staff	02	02	02	00
Total	7	7	5	2

**(e) Paramedical Medical Staff (RHC's & Mobile Clinics)**

	Sanctioned Strength	Filled		
		Total	Male	Female
Tech. Staff	Lab. Tech 8	7	1	6
	Nurses 32	27	5	22
Clerk	7	6	4	2
Support Staff	Attendant, Driver & atchmen-13	13	8	5
Total	60	53	18	35

Note- The staff is for 8 RHC and 2 MC



**f) Extension/Service Projects staff**

Name of the Project	Project Manager	Counselor	M& E Officer/ Accountant	ORW	MO (Part time)	ANM	Peer Educator
TI for FSW Nashik	1	0	1	6	0	1	25
TI migratory worker Malegaon	1	1	1	8	01	0	20
TI migratory Workers A'Nagar	1	1	1	5	0	0	15
Vihaan Care & Support Centre	1	2	1	4	0	0	0
RNTCP, Nashik	1	0	0	0	0	0	0
<b>Total</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>23</b>	<b>1</b>	<b>1</b>	<b>60</b>

**Note:** CSM implements extension service project sponsored by Govt/NGOs. Above mentioned staff are appointed for project purpose only.

Sr. No	Name of Teaching Staff	Qualification	Designation	Area of Specialization	Teaching Exp.	No. of PG Students	
						Guiding	Guided
01	K.V. Somasundaram	M.Sc. (Statistics) C.C.P.	Assoc. Professor & Director	Biostatistics	27	01	02
02	Dr. S.N. Thitame	M.Sc, Ph.D. (Env. Sciences)	Assistant Professor, Co-ordinator, Academic & Research	Environmental Sciences	10	02	03
03	Dr.V. C.Datarange	BAMS, DPH	Tutor	Vulnerable Population/Tribal Health	15	0	0
04	Mr.Y.M.Palghadmal	B Com, MSW	Tutor	Social Work	15	0	0
05	Dr. J.K. Patil	BAMS., P.G.D.Hospital & health care Mgt.	Tutor	Health Care Delivery	14	0	0
06	Dr. R.M. Bhalerao	B.A.M.S.	Tutor	Ayurveda	10	0	0
07	Dr. D.V. Brahamne	B.A.M.S. PGDEMS	Tutor	Epidemiology	3.5	0	0
08	Dr.Mrs. S.S. Vikhe	B.A.M.S	Tutor	Ayurveda	8	0	0
09	Dr. N. Y.Kahar	B.A.M.S	Tutor	Ayurveda	14	0	0
10	Dr. M.S. Pandure	B.A.M.S	Tutor	Ayurveda	8	0	0
11	Dr. S. N. Arsude	Master of Health Sciences In Public Health	Tutor	Public Health	09	0	0
12	Dr. D. S. Joshi	B.A.M.S	Tutor	Ayurveda	04	0	0
13	Dr. A.S.Arsude	B.A.M.S , M Sc ( Bio)	Tutor	Bioinformatics	09	0	0





	14	Mr.C.B.Jori	MSW	Tutor	Community Development	24	0	0
<b>12</b>	<b>List of senior Visiting Fellows, adjunct faculty, emeritus professors : (as on this day)</b>							
	Sr. No.	Name of the Faculty and their nature of involvement	Qualification	Designation and Affiliation	Area of Specialization	Experience in years		
	<b>Adjunct Faculty</b>							
	01	Dr. D. B. Phalke	MD - PSM	Prof. & Head	Community Medicine	26		
	02	Dr.R.C.Goyal	MD - PSM	Prof.	Community Medicine	32		
	02	Dr. A. P. Kulkarni	MD, PhD	Prof.	Community Medicine	37		
	03	Dr. Mrs. V. D. Phalke	MD - PSM	Prof.	Community Medicine	22		
	04	Dr. J. D. Deshpande	MD - PSM	Prof.	Community Medicine	15		
	05	Dr. A. L. Kharde	MD - PSM	Asst. Prof.	Community Medicine	4		
	06	Dr. M. G. Kamble	MD - PSM	Asst. Prof.	Community Medicine	6		
	07	Dr. S. Roushni	MD	Professor	Microbiology	15		
	08	Dr. M.M. Joshi	MD	Asst.Professor	Anatomy	05		
	09	Mr. S. B. Sabde	M.Sc.	Asso.Prof.	Physiology	12		
	10	Ms. S.D. Shrikhande	M.Sc	Asst.Professor	Psychology	13		
	11	Mr. H. J. Pawar	M. Sc	Asst. Prof.	Biostatistics	23		
	12	Dr.Deepali Hande	M.P.T	Asso. Prof.	Community Physiotherapy	10		
	13	Dr.Shrikant Sant	M.P.T	Asst. Prof	Community Physiotherapy	3		
	14	Dr.Nupoor Kulkarni	M.P.T	Asst.Prof	Community Physiotherapy	2		
	15	Mrs. Kale Kalpana	M.Sc.Nursing	Asst. Professor	Community Nursing	10		
	16	Mr. Bhutkar Babasaheb	M.Sc.Nursing	Asst.Professor	Community Nursing	06		
	17	Mr. Shinde Balasaheb	B.Sc. Nursing	Tutor	Community Nursing	04		
	18	Mr. Varkhedkar Sharad	B.Sc. Nursing	Tutor	Community Nursing	04		
	19	Mr.Vijay.R.Gaikwad	BA,MSW	Tutor	Social Work	2.4		
	20	Mr.Dilip Deshpande	MSW	Tutor	Social Work	10		
	21	Mr.Kuldeep Pawar	MSW	Tutor	Social Work	15		
	22	Mr.Arun Sitaram Borse	M.A ( Clinical Psychology)	Tutor	Psychology	06		
	23	Mr.S.S. Palande	MSW	Tutor	Social Work	08		
	24	Mr.Walmik Borse	MSW	Tutor	Social Work	10		
	25	Ms.M. S. Tambe	M.A. B.Ed	Tutor	Monitoring & Evaluation	02		
	26	Mr. R. S. Punjare	M.A.( Hindi )	Tutor	Social Work	04		
	27	Mr.A. M.Pawar	MSW	Tutor	Social Work	04		
	28	Mr.G. R. Borse	MSW	Tutor	Social Work	1.6		
	29	Mr.E. K. Dhande	MSW	Tutor	Social Work	02		
	30	Mr.Sagar Ashok Kapkar	B.A.MSW	Tutor	Social Work	1		



	31	Mr.G.G.Kakade	BA.MSW	Tutor	Social Work	02		
	<b>Visiting Faculty</b>							
	1	Dr. Anita Kar	M.Sc., Ph.D.	Assoc. Professor	Public Health	20		
	2	Mrs. Mangala Dalvi	M.A. (Home Science)	Asst. Professor	Nutrition	15		
	3	Dr. Sanjay Juvekar	M.Sc & Ph.D.	Assoc. Professor	Anthropology	18		
	4	Dr. Ravi Duggal	M.A. (Sociology)	Assoc. Professor	Health Financing & Economics	12		
	5	Dr. B.K Mahajan (Drake Univ. USA)	M.Sc.,Ph.D	Asso. Professor	Biochemistry	15		
<b>13</b>	<b>Percentage of classes taken by temporary faculty programme wise information</b>			:	NIL (No temporary Faculty recruited)			
<b>14</b>	<b>Programme wise Teacher Student Ratio</b>			:	<b>Teacher Student Ratio</b>			
	<b>Programme</b>							
	<b>PG (MPH)</b>				1:2.8 (MPH, CSHD, ICTRD) 14 staff:40 students			
	<b>Ph.D.</b>				NA			
<b>15</b>	<b>Number of academic support staff (technical) and administrative staff sanctioned, filled and actual : (as on this day)</b>							
	Sr. No.	Staff	Name of the Post			Filled / Actual		
	<b>Head Office Staff</b>					M	F	Total
	1	Administrative	Administrative Supervisor cum Program Coordinator			1	-	1
	2	Technical	Clerk			1	2	3
	3	Field Worker	Field Worker			1	-	1
	4	Support	Attendant			2	-	2
	<b>Sub- Total</b>					<b>5</b>	<b>2</b>	<b>7</b>
	<b>Rural Health Centers Staff (Located in Periphery)</b>							
	1	Nursing Staff	ANM			7	25	32
	2	Laboratory Staff	Lab. Technician			2	6	8
	3	Clerk	Office Clerk			5	2	7
	4	Support Staff	Attendant & Watchmen			9	6	15
	<b>Sub Total</b>					<b>23</b>	<b>39</b>	<b>62</b>
	<b>Extension/Service Projects staff</b>							
	1	Project Manager	FSW, CC, TI Malegaon, TI Ahmednagar, Vihaan Care & Support Centre ( <b>Each Project 1 Manager</b> )			5	-	5
	2	Counselor	FSW, CC, TI Malegaon, TI Ahmednagar, ( <b>Each project 1 Counselor</b> )( Vihaan Care & Support Centre- 2 Counselor)			5	1	6
	3	M & E Officer/ Accountant	FSW, CC, TI Malegaon, TI Ahmednagar, Vihaan Care & Support Centre ( <b>Each Project 1 M &amp; E / Accountant</b> )			3	2	5
	4	ORW	Out Reach Worker – FSW-6; CC- 5; TI Malegaon- 8; TI Ahmednagar- 5 and Vihaan Care & Support Centre- 4 ( <b>Total 28 ORW for 5 Projects</b> )			23	5	28
	5	Peer Community Educator	FSW- 25; CC- 21; TI Malegaon- 20; TI Ahmednagar- 16. ;			-	-	82
			Sub-total			<b>36</b>	<b>9</b>	<b>45</b>
		<b>Grand Total</b>				<b>64</b>	<b>50</b>	<b>114</b>
<b>16</b>	<b>Research thrust areas as recognized by major funding agencies / by the Department (as on this day)</b>							



	<ul style="list-style-type: none"> <li>• Reproductive, Child and Adolescent Health</li> <li>• Health Systems Research</li> <li>• Health Policy Management and Economics</li> <li>• Communicable and Non-Communicable Diseases</li> <li>• Environmental and Occupational Health</li> <li>• Tribal Health</li> </ul>					
17	<p><b>Number of ongoing and completed projects undertaken by faculty with funding from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies, project title and grants received projects wise : (For the last 5 Years)</b></p> <p><i>i) 14 No. of faculty of the department are involved in 24 No. of Research projects</i></p> <p><i>Abstract of projects</i></p>					
	No. Project Funded by	No. of ongoing projects (a)	No. Completed Projects (b)	Total Projects (a+b)	Funds received in lakhs Total	
					For (a)	For (b)
	International agensis	-	4	4	00	885.12
	National agensis	6	9	15	239.21	121.98
	University and Dept.	4	1	5	19.48	0.375
	<b>Total</b>	<b>10</b>	<b>14</b>	<b>24</b>	<b>258.69</b>	<b>1007.475</b>
	<p><b>The details of projects are as follows:</b></p> <p><i>a) Ongoing Projects of Faculty (As on April, 2016)</i></p>					
	<b>Sr. No.</b>	<b>PI, Co-PI and Project Title</b>		<b>Name of the Funding Agency (International / National / University/ Dept)</b>	<b>Grant Received in Rs. (Lakhs)</b>	<b>Duration (Yr.)</b>
	<b>01</b>	K.V.Somasundaram, Dr.Sunil Thitame & Dr.V.B.Bangal, Title of the Project: Rapid Assessment Study to assess access to safe abortion services in Maharashtra		SHSRC, Govt. of Maharashtra, Pune	10.13	Sep.2015 - till date
	<b>02</b>	K.V. Somasundaram, & Vijay Gaikwad Title of the Project: Vihan Care and Support Centre for PLHIV		NMP+ Pune	11.21	April, 2015 – till date
	<b>03</b>	K.V. Somasundaram & Dr.Anil Munemane Title of the Project: Prevalence, etiology and molecular biology of anemia with special reference to hemoglobinopathies in adolescent and adults of both sexes in tribals in the vicinity of Bhandardara area, Akole Taluka, Dist-Ahmednagar, Maharashtra		PIMS, Loni & MAMB, Pune	Gratis	2014-2016
	<b>04</b>	K.V.Somasundaram, Dr.Sunil Thitame, Dr.Sanjay Juvekar & Sudhakar Babu Title of the Project: Pravara Health and Demographic Surveillance System (Pravara HDSS)		PIMS, Loni	6.28 ( Oct., 2015- April 2016)	2015-16
	<b>05</b>	K.V.Somasundaram, & Ravindra Tribhuwan Title of the Project: TI for migratory Workers for Prevention of HIV /AIDS in		MSACS, Mumbai	42.04	Jan, 2013 – till date



	A`Nagar			
06	K.V. Somasundaram, Dr. Sunil Thitame, Dr.J.Patil, & C.B.Jori Title of the Project: Evaluation of Community participation in micro level planning of villages	PIMS, Loni	9.20	2012 – till date
07	K.V.Somasundaram, Dr J.K. Patil & C.B. Jori Title of the Project: School Health, Hygiene & Environment Program (SHAPE)	PIMS, Loni	4.00	2011 – till date
08	K.V.Somasundaram, & Kuldeep Pawar Title of the Project: TI for Female Sex Workers for prevention of STI & HIV/AIDS in Nashik District, Maharashtra	MSACS, Mumbai	94.07	2011- till date
09	K.V. Somasundaram & Arun Borse Title of the Project: TI for Migratory Workers for Prevention of STI & HIV/AIDS in Malegaon City in Nashik District	MSACS, Mumbai	78.94	2011 – till date
10	K.V. Somasundaram, Deelip Deshpande, Kuldeep Pawar Title of the Project: Screening, Testing and Awareness Generation & Implmentation of RNTPC among UrbanSlum population of Nashik Road	Municipal Corporation, Nashik	2.82	April, 2016 –till date
		Total	258.69	
<b>b) Completed Projects of the faculty ( last 5 Years)</b>				
Sr. No.	PI, Co-PI and Project Title	Name of the Funding Agency (International / National / University/ Dept)	Grant Received in Rs. (Lakhs)	Duration (Yr.)
01	K.V. Somasundaram & Shatrughana Borse Title of the Project: TI for Male having Sex with Male in prevention of STI & HIV/AIDS in Nashik District, Maharashtra	MSACS, Mumbai	80.07	2011- till date
02	K.V.Somasundaram, & Dr.Sunil Thitame Title of the project: Rapid Assessment study on effect of posting second ANM at Sub Centers in Maharashtra	SHSRC, Govt. of Maharashtra, Pune	4.50	Nov-14- Jan, 14
03	K.V.Somasundaram, Dr. V.B. Bangal, Dr. Sunil Thitame Title of the Project: Study of early breast feeding practices, determinants in Maharashtra	SHSRC, Govt. of Maharashtra, Pune	8.47	July– Sept. 2013
04	K.V.Somasundaram, Dr. Sunil Thitame, Dr. S.S. Jogdand Title of the Project: Evaluation of ASHA Scheme in Maharashtra	NHSRC, Govt. of India, New Delhi	9.09	Mar–Aug 2013
05	K.V.Somasundaram, Dr. V.B.Bangal, Dr. S.S. Jogdand, Dr. K.D. Chavan, Dr. R.S. Bangal, Dr. P.A. Giri & Dr. S. Kachewar, Title of the Project: Evaluation of PCPNDT Act in Maharashtra	SHSRC, Govt. of Maharashtra, Pune	4.04	Nov-Dec 12
06	K.V.Somasundaram, & Dr. Sunil Thitame	Healis Saskaria Inst. Of	4.25	Nov.–



		Title of the Project: Evaluation of 'Advancing Tobacco control through capacity building, training, engagement and advocacy in M.S'	Public Health, Mumbai		Dec 12			
07		K.V.Somasundaram, Dr. P. Dhole & Dr.Sunil Thitame Title of the Project: Study on acceptability and efficacy of Cupid Female Condom	Cupid Ltd. USA /India	3.0	2010-11			
08		K.V. Somasundaram, & Asawari Deshpande Title of the Project: Community Based Organization for MSM in Nashik Dist.	The Humsafar Trust, Mumbai	4.62	Sep.12 to Apr. 13			
09		K.V.Somasundaram, Ms. A. Deshpande & M.S. Satpute Title of the Project: Organizational Development for FSW in Nasik Dist.	Pathfinder International USA	7.12	2011-12			
10		K.V.Somasundaram, & Dr. Sunil Thitame Title of the Project: Conducting CMEs for Government Medical Officers under NRHM	NRHM, Govt. of Maharashtra	3.94	Jan- Mar 13			
11		Carina Ursing, K.V.Somasundaram, Sanjeev Kulkarni, & Hemant Pawar Title of the Project: Prevalence of Diabetes in Rural Ahmednagar district	Erasmus Mundus Program of European Union & PIMS-DU, Loni	Gratis	2011-13			
12		K.V.Somasundaram, S.S. Gaikwad, R.H. Thete Title of the Project: Nodal Agency for NGOs working in prevention of HIV/AIDS in Maharashtra	Pathfinder International USA	878	2010-14			
13		A Mental Health Training for HW's in India: Impact on mental Health Literacy, Confidence and stigma	PIMS	0.375	Aug-Dec 2013			
14		Study of Ocular Manifestations in diabetes cases in Rural Maharashtra	Erasmus Mundus Program of European Union & PIMS-DU, Loni	Gratis	2011-2013			
				1007.475				
<b>18.</b>	<b><i>Inter- institutional collaborative projects of faculty &amp; associated grants received (including clinical trials) excluding those included a Sr. No.16 (For the last 5 Years) (as on this day)</i></b>	<i>On going</i>	<i>Level</i>			<i>Grants Received in Lakhs</i>		
			<i>National Level collaborative Projects –</i>					
		1	Drake University, USA & Centre for Biotechnology, PIMS-DU, Loni, India, (Duration-June 2016 to Aug. 2016) (Genetic analysis of Human Leucocyte Antigen (HLA) Polymorphism in Tribal & Non- tribal Population of Maharashtra India - A pilot study.)		3.25			
<b>19</b>	<b><i>Total Research Projects (Faculty + Collaborative + Student Projects) (5 Years Data)</i></b>							
	<b>Research Projects under taken by</b>	<b>Data as given under sl. No. of DER</b>	<b>Total Projects</b>	<b>On going</b>	<b>Completed</b>	<b>Amount Received</b>	<b>Total Rs Lakhs</b>	
						<b>On</b>	<b>Completed</b>	
(a)	The faculty (at the Dept.) Funded by Self or Department or University	17	5	4	1	19.48	0.375	19.855





	(b)	Inter-Institution / Industry Projects (collaborate) including clinical trials	18	1	1	0	3.25		3.25
	(c)	UG student STS ICMR Projects	28	-	-	-	-	-	-
	(d)	UG students STS Mgt. Sponsored Project	28	-	-	-	-	-	-
	(e)	Research Projects of faculty Funded by National agencies	17	15	6	9	239.21	121.98	361.19
	(f)	Research Projects funded by international agencies	17	4	0	4	0	885.12	885.12
		<b>Total</b>		25	11	14	261.85	1007.475	1269.415
20.	<b>(a) Research Facility/Center and recognition by state/National/International agencies.(as on this day)</b>		Empanelled for Public Health Research & Training <ul style="list-style-type: none"> <li>National Health Systems Resource Centre, Government of India, New Delhi</li> <li>State Health Systems Resource Centre, Government of Maharashtra, Pune</li> <li>National AIDS Control Organization, Government of India, New Delhi</li> <li>Yeshvantrao Chavan Academy for Development and Administration (YASHADA) Pune</li> <li>NITI Ayog, GoI, Delhi</li> <li>IE3 Global Internship Program of Oregon and Portland state University system, USA.</li> </ul>						
	<b>In the department (Details of facilities in brief)</b>		<ul style="list-style-type: none"> <li>Public Health Laboratory-01</li> <li>250 villages/ Urban slums are adopted for Public Health training and field practical's of MPH students</li> </ul>						
	<b>In other department (Details of facilities by the department) used by us.</b>		Department of Community Medicine, Dept. of Public Health Dentistry Dept. of Community Nursing Dept. of Community Physiotherapy Centre for Biotechnology						
	<b>In other college (Details of facilities used by us)</b>		<ul style="list-style-type: none"> <li>Moving Academy of Science and Bioscience, Pune</li> </ul>						
21.	<b>Special research laboratories sponsored by / created by industry or corporate bodies or parent organization if any.</b>		The laboratories of 8 Rural health Centres are recognized by NACO as FICTC under PPP model.						
22.	<b>Publication data of last 5 years Publications in peer reviews journals and conference proceeding (ISSN)</b>		National : 02 No, International: 12 Nos Total: 14 Nos. <b>(Annex. VI)</b>						
	<b>No. of Monographs (ISBN/NON ISBN)</b>		: 00						
	<b>No. of Books Published (ISBN/NON ISBN)</b>		: 1 ( Gramin Arogya Bank) <b>(Annex.VII)</b>						
	<b>No. of Edited Books (ISBN/NON ISBN)</b>		: 00						
	<b>No. of chapters in Books with details of publishers (ISBN/NON ISBN)</b>		: 00						
	<b>Number of papers in international/ national database (For e.g. Pub Med, Scopus, Web of Science, Google Scholar, J-GET plus, ski-finder, Indian Citation index, Indian Science Abstracts, EBSCO host, etc.)</b>								
	<b>Research publication included and listed in international database are 13 Out of total 14 publication</b>								



	<b>No. of Citation Index – range / average</b>		:	Range: 9-14 average, Average-2.09			
	<b>SNIP</b>		:				
	<b>SJR</b>		:				
	<b>Impact Factor- range/average</b>		:	0-1.69			
	<b>h-index</b>		:	2			
23.	<b>Details of patents filed / granted and income generated (5 Years data)</b>		:	NIL			
24.	<b>Areas of consultancy and income generated (5 Years data)</b>		:	Nodal Agency for NGOs working in prevention of HIV/AIDS in Maharashtra		Rs. 4,479,826 /-	
			:	Conducted CMEs for Government Medical Officers under NRHM		Rs. 3,94,902 /	
			:	Training of FHV's of Jamunabai Bajaj foundation, Pune on 14-15 Sep. 2015		Rs. 7,200 /-	
25	<b>Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad: (5 Years data)-NIL</b>						
26.	<b>Number of Faculty Serving in Committees, Boards, Commissions etc (5 Years data)</b>						
	<i>Total no. of faculty</i>	<i>Inter-national level</i>	<i>National Level</i>	<i>State Level</i>	<i>Others/Di strict Level</i>	<i>Total</i>	
	1	-	04	01	04	09	
	Prof.K.V.Somasundaram is member of following committees and boards-						
	<b>A) District Level</b>						
	<ul style="list-style-type: none"> <li>Member, National Rural Health Mission (NRHM) District Level Committee, Govt. of Maharashtra – Since Feb. 06</li> <li>Member, Dist. Reproductive &amp; Child Health (RCH) Committee, Govt. of Maharashtra – Since Jan. 05.</li> <li>Member, Quality Assurance Committee, District Medical Services, Govt. of Maharashtra – since Jan. 2007</li> <li>Member, Task Force, District level ASHA (Tribal) Appointment &amp; Monitoring Committee, Ahmednagar, GoM - Mar. 2008.</li> </ul>						
	<b>B) National Level</b>						
	<ul style="list-style-type: none"> <li>Indian Association of Medical Statistics</li> <li>Indian Association of Medical Informatics</li> <li>Indian Association of Preventive and Social Medicine</li> <li>Association of Agricultural Medicine and Rural Health in India</li> </ul>						
	<b>c) State Level</b>						
	<ul style="list-style-type: none"> <li>Member of Rural Health Curriculum Committee of MUHS, Nashik</li> </ul>						
	<b>(a) Recognition to Faculty ( Fellowship, Membership, Honour any other type ) (5 Years data)-Nil</b>						
	<b>(b) Faculty as Editors/ Editorial Board/ Peer Reviewers etc) of Scientific Journals(5 Years data)-Nil</b>						
27.	<b>Faculty recharging strategies (UGC, ASC/MCI-MET, Refresher / orientation programs, workshops, training programs and similar programs) (5 Years data)</b>						
	Sr. No.	Type of the Programme	No. of FDPs participated			Total	
			College Level	State / University Level	National Level	International Level	
	1	Orientation/Refresher/ME T/CME/	CME-22	MET-1 CME-04	Refresher-1 Orientation-1		29
	2	Workshop/Seminar/Symp osium/ conferences.	Workshop-1	Workshop-9	Conference-03	Confer ence-02	15
	3	FDPs (guest lecture, training, CM, CPC, etc.)	Training-26	Training-18	Training-4		48
	The details of the UGC, ASC/ MCI-MET, Refresher / orientation programs, workshops, training programs						



	and similar programs are given in <b>Annex. VIII</b>								
28.	<b>Students Projects:</b> The U.G., P.G. Students are motivated to develop research bend of mind, undertake research project work, attend seminar/Symp/conference/workshop. They are encouraged to undertake projects. All the PG dissertations / Projects are based on Research work guided by the faculty. The details regarding the number of projects of students is given in the following table (Data of 5 Year)								
	PG/Certificate Dissertations								
	Ongoing		Completed				Total		
	MPH-07 (Annex. IX)		MPH-07 (Annex. X)		CSHD-03 Annex. XI)		17		
	<b>Percentages of students who have done in house projects including inter departmental projects.</b>				: 100 % students have done in house projects.				
<b>Percentage of students doing projects in collaboration with other universities/ industry/institute</b>				: 03 Students from Foreign Universities have completed short term research projects at CSM. (Annex. XI)					
<b>Details of PG dissertations are given in the annexure</b>				: 07 (Annex. IX)					
29.	<b>a) Research Awards/recognitions received at the national and international level (5 Years data)-NIL</b>								
	b) General awards of faculty and students (other than Research, for teaching extension, social service)								
	<b>(i) For Academic (Teaching) service for faculty (5 Years data)-NIL</b>								
<b>(ii) General Awards to Faculties &amp; Student for Social service / Extension activities. (5 Years data)</b>									
30. a)	<b>Seminars/Conferences/Workshop/Skill based/Training workshops (CMEs/clinical meetings/Special lectures/any other) organized and the source of funding, Level of organization (National/International) with details of outstanding resource person and participants, if any : (5 Years data)- 1177 workshops Sponsored by NRHM / MSACS / PIMS.</b>								
	Sr. No	Total	Inter-National	State	Univ / Level	Funding Source	No. of participants	No. of Resource Persons	
	Conference (C)		1				350	45	
	Workshops (W)	95			95	PIMS, DU	17416	305	
	CME	7		3	4	PIMS, DU NRHM, Maharashtra	462	48	
	Training/Refresher/Orientation	248			248	PIMS, DU & MSACS	10869	742	
	Mass Public Awareness Program	827			827	PIMS, DU & MSACS	636750	3264	
	FDPs								
	Total	1177	01	3	1174		665847	4404	
	The details are given in <b>Annex. XII</b>								
	<b>1) Publication of Abstract of the S/S/C/W</b> –The abstract book was published for the 18 <sup>th</sup> International Congress of Rural health and Medicine ( <b>Annex..XIII</b> )								
	<b>2) Publication of peer reviewed ISSN/ISBN numbered / proceedings of S/S/C/W</b> –The articles of 18 <sup>th</sup> International Congress of Rural Health and Medicine were published in the special issue of Journal of Rural Medicine, Japan (Official Journal of The international Association of Rural Health and Medicine) - Volume 8(1), June 2013 ( <b>Annex.XIV</b> )								
	b)	<b>Note : Reports on details of S/S/C/W and External Resource person, delegates attended and Proceedings etc. are given in the annexure in the following format</b>							
		Sr. No	Name of the Event S / S / C / W/FDP (CM, CME, CPC, GL, )	Sponsoring Agency	Level of Organization	No. of Resource Person /Experts		No. of Delegates	Date and Year
					International	Internal	External		
1	18 <sup>th</sup> International Congress of Rural	IAMRH, PIMS-DU, Action Aid, ICMR,	International		40	350	10-12 December		



		Health & Medicine	MCI, Apollo Hospitals					2012	
	2	CME for Medical Officers working in health sector(3)	NRHM, Govt. of Maharashtra	State		27	300	03/03/2013 11/03/2013 17/03/2013	
	3	CME for RHC Medical Officers and Nursing Staff (4)	PIMS, DU	University	19		162	30.01.2015 29.10.2015 29.01.2016 19.05.2016	
	4	Workshop on Personality Development	PIMS, DU	University	0	1	30	08.08.2012 to 09.08.2012	
	5	Workshop on Mental Health	PIMS, DU & Griffith University, Australia	University	14	4	76	18-22 November, 2013 25-29 November 2013	
31.	<i>Code of ethics for research followed by the departments</i>			:	Institutional Research Committee follows SOP for research of ICMR				
32.	<i>Student Profile program-wise</i>			:					
	a) PG Program Name of the Program : &								
	Academic Year		No. of Application Received		Direct admission on Merit		No of Students Admitted		
	M.Sc. Public Health						M	F	T
	2012-13		5		4		2	2	4
	2013-14		5		1		-	1	1
	Master of Public Health								
	2014-15		7		3		1	2	3
	2015-16		10		6		4	2	6
	No. of Students Completed PG studies in given subject of a course and Pass percentage in an academic year								
	Academic Year of Outgoing batch		No. of Students			% of Pass student with			
			Appeared	Pass	Pass %	I <sup>st</sup> Class		I <sup>st</sup> Class with Distinction	
	2013-14		04	04	100	04		00	
	2014-15		01	01	100	01		00	
	2015-16		03	02	66.66	01		00	
-	<p><b>Diversity of Students : a) PG Program</b></p>								
	Name of the Course refer to question no. 4	Year	No. and % of students from same university	No. and % of students from other universities within the state	No. and % of students from Universities outside the state	No. and % of students from other Countries			
	MPH	2012-13	00	01	0	03 (Nepal)			
		2013-14	00	01	00	00			
		2014-15	00	02	01 (Karnataka)	00			
		2015-16	00	03	02 (Haryana)	01 (Nepal)			



34	<i>How many students have cleared Civil Service and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category wise: (Like TOEFEL/USMELE/ PG CET etc.) - NIL</i>																																																															
35.	<i>Student progression:</i>	: <b>Students Progress towards Employment in Pravara Hospital</b>																																																														
36.	<i>Diversity of Staff as on this day</i>																																																															
	<b>Number and % Diversity of Staff ( as on this day ) belonging to</b> <i>Same State/UT No. 10 &amp; 90.1 %</i> <i>Outside State/UT No.1 &amp; 9.09 %</i> <i>Other States No. 00&amp;00 %</i> <i>Other Countries No. 00&amp; 00 %</i> <i>(Only full time and visiting staff)</i>	<b>% Staff who have obtained PG Degree from</b> <i>Parent University No. 00&amp;00.%</i> <i>Other Universities of the State No. 10 &amp; 90.1.%</i> <i>Other State University No.01 &amp; 9.09 %</i> <i>Other Countries No.00 &amp; 00.%</i>																																																														
37	<b>Number of faculty who were awarded M. Phil., Ph.D., D.Sc. and D.Litt./DM, M.Ch during the assessment period (2010-11 onwards till this date) :</b> Dr. S. N. Thitame awarded Ph. D Degree in Environmental Sciences in the March 2011.																																																															
38.	<b>Present details of departmental infrastructural facilities with regard to :</b>																																																															
	<b>A) Infrastructural facility (Common to all departments)</b>																																																															
	<b>a) Library (dept): No. of Collections Book/Journal/ Project Report, Central Library books and Journal belonging to our department (both print and e mode)</b>																																																															
	<b>Library Services- Central Library</b>																																																															
	<table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="2">Existing</th> <th colspan="2">Newly Added</th> <th colspan="2">Total</th> </tr> <tr> <th>No.</th> <th>Value</th> <th>No.</th> <th>Value</th> <th>No.</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>Text Books</td> <td>47</td> <td>61368</td> <td>08</td> <td>22232</td> <td>55</td> <td>83600</td> </tr> <tr> <td>Reference Books</td> <td>206</td> <td>141098</td> <td>24</td> <td>67032</td> <td>230</td> <td>208130</td> </tr> <tr> <td>e-Books</td> <td>368</td> <td>--</td> <td>266</td> <td>-</td> <td>266</td> <td>-</td> </tr> <tr> <td>Journals (Current)</td> <td>06</td> <td>17700</td> <td>08</td> <td>27500</td> <td>08</td> <td>27500</td> </tr> <tr> <td>Journals (Bound Vols.)</td> <td>05</td> <td>13600</td> <td>-</td> <td>-</td> <td>05</td> <td>13600</td> </tr> <tr> <td>e-Journals</td> <td>13767</td> <td>418672</td> <td>-</td> <td>-</td> <td>13767</td> <td>418672</td> </tr> <tr> <td>Digital Database</td> <td>11</td> <td>--</td> <td>04</td> <td>-</td> <td>15</td> <td>-</td> </tr> </tbody> </table>			Existing		Newly Added		Total		No.	Value	No.	Value	No.	Value	Text Books	47	61368	08	22232	55	83600	Reference Books	206	141098	24	67032	230	208130	e-Books	368	--	266	-	266	-	Journals (Current)	06	17700	08	27500	08	27500	Journals (Bound Vols.)	05	13600	-	-	05	13600	e-Journals	13767	418672	-	-	13767	418672	Digital Database	11	--	04	-	15	-
	Existing			Newly Added		Total																																																										
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Journals (Current)	06	17700	08	27500	08	27500																																																										
Journals (Bound Vols.)	05	13600	-	-	05	13600																																																										
e-Journals	13767	418672	-	-	13767	418672																																																										
Digital Database	11	--	04	-	15	-																																																										
	b) Internet facilities for staff and students	: Yes.																																																														
	c) Total number of class rooms, seminar halls/ demonstration rooms, auditorium ( Exclusive & Inclusive)	: Class Rooms: 1, Demo Rooms: Nil Seminar Halls: 1, Auditorium,: Nil Others: Nil																																																														
	d) Class rooms with ICT facility, seminars halls with ICT facility, auditorium with ICT ( Exclusive & Inclusive)	: 01																																																														
	e) Students laboratories at the Department	: Yes																																																														
	f) Research Laboratories of the Dept.	: 01																																																														
	g)Museum at the Department and no. of specimen, charts, Modules etc.	: 01																																																														
	h) List of major equipment's and instruments of the department for teaching, learning, research clinical diagnostic / test ( 1.0 lakh and above)	: Nil																																																														
	<b>B) Clinical learning resource data (as submitted to MCI / DCI / INC / Others / UGC)</b>																																																															
	<b>1) Rural &amp; Tribal Health Centres:</b> CSM has established its 8 full-fledged, well equipped Rural and Tribal Health Centres (RHCs/THCs) - five located in remote rural areas namely (1) Babhaleshwar, (2) Kolhar, (3) Pathare, (4) Zarekathi, (5) Lohare and (6) Rahata to cover 53 remote villages and serve 198, 536 rural population and two located in Tribal areas at (7) Shendi and (8) Rajur ( <i>Akole Tribal Block of Ahmednagar district which is part of Sayhadri hill range of Maharashtra</i> ) which cover 22 tribal villages and serve 36,590 tribal population.																																																															
	<b>2) Mobile Medical Clinics in Rural &amp; Tribal Villages:</b> In addition to this, CSM also runs its own two Mobile Medical Units – one for serving 1,48,643 population in 65 remote villages in Loni area and one for covering over 30,000 tribal people living in 29 remotest tribal villages/hamlets of Akole Tribal Block..																																																															
	<b>3) Urban Health Centres &amp; Clinics:</b> The CSM also covers Urban slum population of Rahata, Shirampur, Sangamner, Rahuri talukas of Ahmednagar district and Nashik, Malegaon, Sinner talukas of Nashik District through Urban special STI Clinics.																																																															





**Table 1 - Details of the Extension Health Centres and Clinics run by Centre for Social Medicine**

Sr. No	Type of Health Centre / Clinic	Type of area	No of Villages /Slums Covered	Population served	Year of Establishment
1	Rural Health Training Centre (RHTC), Rahata	Rural	11	90,702	10.07.2008
2	Rural Health Centre, Babhaleshwar	Rural	09	25,922	04.10.2002
3	Rural Health Centre, Kolhar	Rural	10	22,622	30.09.2005
4	Rural Health Centre, Pathare	Rural	05	18,940	02.10.2001
5	Rural Health Centre, Zarekathi	Rural	11	29,260	01.12.2006
6	Rural Health Centre, Lohare	Rural	07	11,090	09/04/ 2013
7	Rural Health Centre, Shendi	Tribal	15	21,475	26.12.2005
8	Rural Health Centre, Rajur	Tribal	07	15,115	15.05.2008
9	Mobile Clinic, Loni	Rural	65	1,48,643	01.03.2006
10	Mobile Clinic, Shendi	Tribal	29	30,061	01.03.2006
11	STI Clinic, Shirdi	Urban	06	10,000	01.01.2013
12	STI Clinic, Nashik	Urban	16	1,500	01.08.2005
13	STI Clinic, Malegaon	Urban	38	15,000	01.10.2010
	Total	Urban Rural Tribal	Urban:60 Rural :118 Tribal: 51	Urban:26,500 Rural:3,47,179 Tribal: 66,651	
	Grand Total		229	6,09,290	

All the UG, PG, Diploma and Certificate courses run by the Constituent Units of PIMS-DU have incorporated as part of the field practices at these Rural Health training Centres (RHTC), Rahata, and Rural Health Centres at Babhaleshwar, Kolhar, Pathare, Zarekathi, and Lohare, Tribal Health Centres at Shendi & Rajur and Mobile Medical Clinics at Loni and Shendi (Tribal).

These are utilized as training centres for the students who are posted regularly at these centres and are included in their academic curriculum. Interns are also posted on rotational basis in all rural and urban health centres as a part of rural and urban health postings for Compulsory Rotatory Residential Internship. Undergraduate and postgraduates students of MBBS, BDS, Nursing, Physiotherapy & Allied Health Sciences (MPH, CSHD), are taken for field work in the community as a part of their training.

**Table 2: Training of UG/PG students of PIMS at Rural Health Centres (2011-2016)**

Year	Medical		Physiotherapy	Nursing	Total	
	UG	PG	UG	UG	UG	PG
2011- 2012	50	132	38	12	120	52
2012- 2013	49	52	17	20	140	50
2013-2014	40	22	47	12	150	45
2014-2015	45	12	38	18	123	15
2015-2016	68	18	25	14	149	46
<b>TOTAL</b>	252	236	165	76	682	208

**Note:** UG/PG students are posted regularly at Rahata, Babhaleshwar, Kolhar and Pathre RHCs Due to their posting at these rural and tribal health centres and Mobile Clinics the students got an opportunity to examine over 1,00,000 patients per year at these RHCs and over 25,000 patients per year at Mobile Clinics for the last 5 years in different rural and tribal set-ups.



These Rural Health Centres and Mobile Medical Units serve twin purposes – (1) impart training to all the UG, PG and Diploma/Certificate Students and (2) providing the much needed specialty medical care to the remotest rural and tribal areas at their door steps.

**Table 3: General & MCH Patients Treated at Rural Health Centres (RHCs) (2011 – 2016)**

Rural Health Centre	2011-2012		2012-2013		2013-2014		2014-2015		2015-2016		Total	
	General	MCH	General	MCH	General	MCH	General	MCH	General	MCH	General	MCH
Pathare Bk	4584	6552	3617	5052	3350	5239	3498	7683	3645	7594	18694	32120
Babhales hwar	3563	4212	3816	3455	3594	4401	3867	5376	4911	8124	19751	25568
Kolhar	3347	7323	3172	6211	2746	5954	3992	6160	4652	6618	17909	32266
Rahata	6630	8311	4384	6529	3598	7488	3990	8595	2399	3820	21001	34743
Zarekathi	7664	7656	6209	4648	5446	5806	5881	10165	7935	10635	33135	38910
Shendi	2664	9604	2038	3381	3233	7673	5137	9840	4246	10214	17318	40712
Rajur	5302	7638	4454	1970	4280	7917	6471	11868	7747	10056	28254	39449
Lohare	0	0	1510	1470	3120	6651	3639	6885	4315	7498	12584	22504
Karhetak ali	2928	6514	235	628	0	0	0	0	0	0	3163	7142
<b>Total</b>	<b>36682</b>	<b>57810</b>	<b>29435</b>	<b>33344</b>	<b>29367</b>	<b>51129</b>	<b>36475</b>	<b>66572</b>	<b>39850</b>	<b>64559</b>	<b>171809</b>	<b>273414</b>

**Table 4 : General & MCH Patients Treated at Mobile Clinics (2011 – 2016)**

RHC	2011-2012		2012-2013		2013-2014		2014-2015		2015-2016		Total	
	General	MCH	General	MCH	General	MCH	General	MCH	General	MCH	General	MCH
Loni	1238	11230	5374	5751	7547	8617	6977	7454	6406	10936	27542	43988
Bhandardara	3828	3743	1781	543	2413	4992	4724	4958	5221	3746	17967	17982
Shevgaon	4249	7063	383	593	0	0	0	0	0	0	4632	7656
<b>Total</b>	<b>9315</b>	<b>22036</b>	<b>7538</b>	<b>6887</b>	<b>9960</b>	<b>13609</b>	<b>11701</b>	<b>12412</b>	<b>11627</b>	<b>14682</b>	<b>50141</b>	<b>69626</b>

**Table 5-Summary of total patients treated and laboratory investigation conducted during 2011-2016 at RHC's and MC's**

Sr. No.	Year	Total Patients			Laboratory Investigations	
		General	MCH	Pediatrics	MCH	General
<b>9 Rural Health Centers</b>						
1.	2011-2012	36682	57810	46352	43339	9810
2.	2012-2013	29435	33344	25604	18418	7477
3.	2013-2014	29367	51129	40295	12431	6361
4.	2014-2015	36475	66572	55666	11093	9280
5.	2015-2016	39850	64559	52042	8631	10787
	<b>Total</b>	<b>171809</b>	<b>273414</b>	<b>219959</b>	<b>93912</b>	<b>43715</b>
<b>3 Mobile Clinics</b>						
1.	2011-2012	9315	22036	14586	10742	1700
2.	2012-2013	7538	6887	5291	2500	2100
3.	2013-2014	9960	13609	10725	2954	2790
4.	2014-2015	11701	12412	9640	3220	2057
5.	2015-2016	11627	14682	11680	2767	1813
	<b>Total</b>	<b>50141</b>	<b>69626</b>	<b>51922</b>	<b>22183</b>	<b>10460</b>

**General Health Check-up Camps in Villages & Schools:** The Centre for Social Medicine of PIMS conducts regular General health-checkup camps in villages and schools in the operational area, as part of extension activity of Rural Health Centres (RHCs). The following is the statistics related to these health check-up camps during the last 5 years (2011-2016)



**Table 06: Services provided at General Health Check-up Camps & Schools by RHCs**

Sr. No.	Activity/Year	2011-12	2012-13	2013-14	2014-15	2015-16	Total
1	General Health Camp Patients	663	681	5558	684	1293	8879
2	HB% Estimation of Students	5107	2967	2306	2399	1544	14323
3	Blood Grouping of Students	1441	1469	800	2463	2299	8472
4	School Health Check Up, No. of students	1176	944	3375	3728	2527	11750
<b>Total</b>		<b>8387</b>	<b>6061</b>	<b>12039</b>	<b>9274</b>	<b>7663</b>	<b>43424</b>

**Table 7 -Services provided at Screening camps of Projects funded by MSACS**

Project		FSW Project Nasik	TI Migrant Malegaon	TI migrant Rahata Project (2013)	Total
2011-2012	Camps	242	30	-	272
	Patients	3591	1400	-	4991
2012-2013	Camps	215	114	-	329
	Patients	2813	5880	-	8693
2013-2014	Camps	260	110	102	472
	Patients	4730	6471	5259	16460
2014-2015	Camps	274	159	142	575
	Patients	4977	10299	5387	20663
2015-2016	Camps	291	176	152	619
	Patients	6625	6877	6136	19638
<b>Total</b>	<b>Camps</b>	<b>1,282</b>	<b>589</b>	<b>396</b>	<b>2,267</b>
	<b>Patients</b>	<b>22,736</b>	<b>30,927</b>	<b>16,782</b>	<b>70,445</b>

As many as 2267 health check-up camps were organized during 2011-16 and 70445 patients were treated with free consultation & distribution of medicines, for general public, women and children, migratory sugarcane harvest workers, brick kiln & hotel workers, industrial workers & construction workers, female sex workers, homosexuals and transgender population . The activity was conducted under various projects funded by MSACS in Nashik and Ahmednagar districts.

	<b>(k) Patient's Feedback</b>		<b>(l) GHP / GLP / SOPs</b>		<b>(m) Submission of Compliance /Follow-up Reports to National /State Agencies</b>	
	NIL		NIL		NIL	
	C) Para clinical learning resource (CCL Radiology & Departmental Diagnostic Lab) Data & Report : Details on Sophisticated diagnostic equipments and facilities , No. of diagnostic tests (Average per day and annual): Not Applicable					
	D) Sharing and usage of the resources of other Departments (For Diagnosis and Research as well				:	Dept. of Community Medicine & Centre for Biotechnology
39.	No. of doctoral post- doctoral students and Research Associates / PDF working				:	03 – Ph. D.
	From	Doctoral Student			Total	
	Host Institution	01			01	
	Other Institution	02			02	
	No. of Ph.D. Awarded by the Dept during last 5 years: 1					
-	(a) Number of students getting financial assistance from the university PG and Ph.D. Students getting assistance from the University : Nil					
41.	<b>Was any need assessment exercise undertaken before the development of new programme (s)? If so, highlight the methodology : No</b>					
42.	<b>Does the department obtain feedback from</b>				Yes	
	Sr. No.	From	Yes/No	Feedback Manual / Digital		How the feedback analysis is used for improvement
	1	Student	Yes	Digital		Feedback is shared with



					the student																																																																																															
	2	Faculty	Yes	Digital	Feedback is shared with the faculty																																																																																															
	3	Alumni / Parents/ Employer	Yes	Digital	Feedback is shared with the stakeholders																																																																																															
43.	<b>List the distinguished alumni of the department (Maximum 10) ( UG student or PG Student belonging to the subject)</b>				: NIL																																																																																															
44.	<p><b>Give details of Student Enrichment Programmes (Special lectures/ Training / workshops / Seminar) involving internal &amp; external experts during the last 5 years :</b></p> <p>The department conducts series of student enrichment programmes round the annual year. All the PG students are involved in organization as well participate in them. Data of prominent ones are tabulated here as under</p> <table border="1"> <thead> <tr> <th rowspan="2">Sr. No.</th> <th rowspan="2">Event (SEP) UG + PG</th> <th rowspan="2">No. Events</th> <th colspan="2">No. of Prominent</th> </tr> <tr> <th>External Experts</th> <th>Internal Experts</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Personality development workshop</td> <td>01</td> <td>01</td> <td>00</td> </tr> </tbody> </table>					Sr. No.	Event (SEP) UG + PG	No. Events	No. of Prominent		External Experts	Internal Experts	1	Personality development workshop	01	01	00																																																																																			
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45.	<p><b>a) List the teaching methods adopted by the faculty for different programmes:</b></p> <p>i) MPH- Didactic lectures, Practical's, Demonstrations, Tutorials, field studies, family survey project based studies, subject based assignments, public health internship. Seminar, research thesis</p> <p>ii) CSHD-Didactic Lectures, Exposure visits, Hands-on-training, Interactions, Workshops/Seminars</p> <p>iii) ICTRD-Didactic lectures/practicum/hands on training</p> <p>iv) Arogya Mitra – Didactic lectures, Field Demonstrations, Practical training</p> <p><b>b) Catering to Diverse need of the student (Orientation , Induction, mentoring, Remedial Counseling, )</b> Student mentoring system has been established by the centre</p>																																																																																																			
46.	<p><b>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?</b></p> <p>Continuous Internal Assessment</p>																																																																																																			
47.	<p><b>Highlight the participation of students and faculty in extension activities: (Exclusive &amp; Inclusive)</b></p> <p>n) <b>Involvement of student and faculty in various type of extension activity organized by the dept.</b></p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>No. of Camps/Workshops/Surveys/Training/ Rallies/ Lectures/Celebrations/any other events.</th> <th>Academic Year</th> <th>No. of Beneficiaries</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>137</td> <td>2011-2012</td> <td>105646</td> </tr> <tr> <td>2</td> <td>286</td> <td>2012-2013</td> <td>131495</td> </tr> <tr> <td>3</td> <td>88</td> <td>2013-2014</td> <td>116552</td> </tr> <tr> <td>4</td> <td>391</td> <td>2014-2015</td> <td>188963</td> </tr> <tr> <td>5</td> <td>276</td> <td>2015-2016</td> <td>123190</td> </tr> </tbody> </table> <p>The details of the extension activities are given in <b>Annex XII</b></p> <p>The UG and PG students of the constituent units of PIMS are involved/trained in various activities run by 8 Rural Health Centres and 2 Mobile Medical Units. The details of total number of students involved in the extension activities are given below.</p> <table border="1"> <thead> <tr> <th rowspan="2">Sr. No.</th> <th colspan="2">Medical</th> <th colspan="2">Physiotherapy</th> <th colspan="2">Nursing</th> <th colspan="2">Total</th> </tr> <tr> <th>UG</th> <th>PG</th> <th>UG</th> <th>PG</th> <th>UG</th> <th>PG</th> <th>UG</th> <th>PG</th> </tr> </thead> <tbody> <tr> <td>2011- 2012</td> <td>50</td> <td>132</td> <td>38</td> <td>12</td> <td>120</td> <td>52</td> <td>208</td> <td>196</td> </tr> <tr> <td>2012- 2013</td> <td>49</td> <td>52</td> <td>17</td> <td>20</td> <td>140</td> <td>50</td> <td>206</td> <td>122</td> </tr> <tr> <td>2013-2014</td> <td>40</td> <td>22</td> <td>47</td> <td>12</td> <td>150</td> <td>45</td> <td>237</td> <td>79</td> </tr> <tr> <td>2014-2015</td> <td>45</td> <td>12</td> <td>38</td> <td>18</td> <td>123</td> <td>15</td> <td>206</td> <td>45</td> </tr> <tr> <td>2015-2016</td> <td>68</td> <td>18</td> <td>25</td> <td>14</td> <td>149</td> <td>46</td> <td>242</td> <td>78</td> </tr> <tr> <td><b>TOTAL</b></td> <td><b>252</b></td> <td><b>236</b></td> <td><b>165</b></td> <td><b>76</b></td> <td><b>682</b></td> <td><b>208</b></td> <td><b>1099</b></td> <td><b>520</b></td> </tr> </tbody> </table>					Sr. No.	No. of Camps/Workshops/Surveys/Training/ Rallies/ Lectures/Celebrations/any other events.	Academic Year	No. of Beneficiaries	1	137	2011-2012	105646	2	286	2012-2013	131495	3	88	2013-2014	116552	4	391	2014-2015	188963	5	276	2015-2016	123190	Sr. No.	Medical		Physiotherapy		Nursing		Total		UG	PG	UG	PG	UG	PG	UG	PG	2011- 2012	50	132	38	12	120	52	208	196	2012- 2013	49	52	17	20	140	50	206	122	2013-2014	40	22	47	12	150	45	237	79	2014-2015	45	12	38	18	123	15	206	45	2015-2016	68	18	25	14	149	46	242	78	<b>TOTAL</b>	<b>252</b>	<b>236</b>	<b>165</b>	<b>76</b>	<b>682</b>	<b>208</b>	<b>1099</b>	<b>520</b>
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	<p>o) <b>Our faculty is involved in extension in health awareness programs organized by the college / University through lectures, rally, camps/ training. as HR / Contributions</b> The details of the program in which the faculty of the department are involved are given in <b>annex XII</b></p>																																								
<p><b>48.</b></p>	<p><b>Give details of “beyond syllabus scholarly activities” of the department :</b></p> <p><b>a) For Academic</b></p> <ul style="list-style-type: none"> <li>• The students are trained in the field by conducting the health screening camps</li> <li>• The students are posted in the health centres to study the grass root level public health issues.</li> <li>• The students are involved in the interventional research projects.</li> <li>• The faculty of the Centre acts as a resource person in various events. The details are as follows.</li> </ul> <table border="1" data-bbox="318 499 1390 1203"> <thead> <tr> <th>S.N.</th> <th>Name of the Faculty</th> <th>Name of the Event</th> <th>Place and Date</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K.V.Somasundaram</td> <td>Workshop on Research Methodology</td> <td>16-18 January 2013 Research Cell, PIMS, Loni</td> <td>University</td> </tr> <tr> <td>2</td> <td>K.V.Somasundaram</td> <td>Workshop on Research Methodology</td> <td>29-31 January 2013 Research Cell, PIMS, Loni</td> <td>University</td> </tr> <tr> <td>3</td> <td>K.V.Somasundaram</td> <td>Basic workshop on Research Methodology</td> <td>01-03 Sep. 2015 PVVPF Medical College, A. Nagar</td> <td>State</td> </tr> <tr> <td>4</td> <td>Dr. Sunil Thitame</td> <td>Guest Lecture on “Environment and Development”</td> <td>22/02/2015 P.G.Dept. of Environmental Sciences, P.V.P.College, Loni</td> <td>University</td> </tr> <tr> <td>5</td> <td>Dr. Sunil Thitame</td> <td>Workshop on Disaster Management</td> <td>24.02.2015 Arts, Science &amp; Commerce College, Shevgaon</td> <td>University</td> </tr> <tr> <td>6</td> <td>Dr. Sunil Thitame</td> <td>Workshop on Disaster Management</td> <td>12-13 Dec. 2013 Arts, Science &amp; Commerce College Satral, Tal-Rahuri</td> <td>University</td> </tr> <tr> <td>7</td> <td>Dr. Sunil Thitame</td> <td>Chairperson in Elocution Competition on MCH Nursing</td> <td>13.12.2014 College of Nursing, PIMS</td> <td>University</td> </tr> </tbody> </table>	S.N.	Name of the Faculty	Name of the Event	Place and Date	Level	1	K.V.Somasundaram	Workshop on Research Methodology	16-18 January 2013 Research Cell, PIMS, Loni	University	2	K.V.Somasundaram	Workshop on Research Methodology	29-31 January 2013 Research Cell, PIMS, Loni	University	3	K.V.Somasundaram	Basic workshop on Research Methodology	01-03 Sep. 2015 PVVPF Medical College, A. Nagar	State	4	Dr. Sunil Thitame	Guest Lecture on “Environment and Development”	22/02/2015 P.G.Dept. of Environmental Sciences, P.V.P.College, Loni	University	5	Dr. Sunil Thitame	Workshop on Disaster Management	24.02.2015 Arts, Science & Commerce College, Shevgaon	University	6	Dr. Sunil Thitame	Workshop on Disaster Management	12-13 Dec. 2013 Arts, Science & Commerce College Satral, Tal-Rahuri	University	7	Dr. Sunil Thitame	Chairperson in Elocution Competition on MCH Nursing	13.12.2014 College of Nursing, PIMS	University
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4	Dr. Sunil Thitame	Guest Lecture on “Environment and Development”	22/02/2015 P.G.Dept. of Environmental Sciences, P.V.P.College, Loni	University																																					
5	Dr. Sunil Thitame	Workshop on Disaster Management	24.02.2015 Arts, Science & Commerce College, Shevgaon	University																																					
6	Dr. Sunil Thitame	Workshop on Disaster Management	12-13 Dec. 2013 Arts, Science & Commerce College Satral, Tal-Rahuri	University																																					
7	Dr. Sunil Thitame	Chairperson in Elocution Competition on MCH Nursing	13.12.2014 College of Nursing, PIMS	University																																					
	<p><b>b) IEC Material-</b> The Centre has developed a wide variety of the Behavioral Change Communication and IEC (Information, Education and Communication) material for training the grass root level health workers and awareness generation for public at large. (<b>Annex. XVI</b>)</p>																																								
	<p><b>b) Gram Arogya Banks in Remote Rural and Tribal Villages:</b> CSM of PIMS has established 16 Gram Arogya Banks (9 in rural and 7 in tribal areas) – a novel concept to provide community based primary health care through well trained and empowered village level “Arogya Mitra’s” since 2013-14. These Arogya Banks, which are equipped with adequate furniture, First Aid Boxes, Primary Drugs &amp; supplies, digital BP apparatus, Glucometers, weighing machines, height measuring tapes, preliminary dental &amp; physiotherapy equipments, health library etc - provides comprehensive universal primary health care to nearly 35,000 people residing in 16 villages of 5 Blocks (Rahata, Sangamner, Shrirampur, Rahuri, Akole - tribal) of Ahmednagar district (Table 12)</p> <p><b>Table 08: Profile of Gram Arogya Banks (Village Health Bank) run by PIMS-DU</b></p> <table border="1" data-bbox="318 1646 1377 1957"> <thead> <tr> <th>Sr. No</th> <th>Location of Gram Arogya Bank</th> <th>Taluka</th> <th>Type of area</th> <th>Population served</th> <th>Year of Establishment</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Chandrapur</td> <td>Rahata</td> <td>Rural</td> <td>1154</td> <td>2013-14</td> </tr> <tr> <td>2.</td> <td>Durgapur</td> <td>Rahata</td> <td>Rural</td> <td>2641</td> <td>2013-14</td> </tr> <tr> <td>3.</td> <td>Tisgaonwadi</td> <td>Rahata</td> <td>Rural</td> <td>2138</td> <td>2013-14</td> </tr> <tr> <td>4.</td> <td>Pimplus</td> <td>Rahata</td> <td>Rural</td> <td>3517</td> <td>2013-14</td> </tr> </tbody> </table>	Sr. No	Location of Gram Arogya Bank	Taluka	Type of area	Population served	Year of Establishment	1.	Chandrapur	Rahata	Rural	1154	2013-14	2.	Durgapur	Rahata	Rural	2641	2013-14	3.	Tisgaonwadi	Rahata	Rural	2138	2013-14	4.	Pimplus	Rahata	Rural	3517	2013-14										
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5.	Pimpri-lokai	Rahata	Rural	1297	2013-14
6.	Khali	Sangamner	Rural	2901	2013-14
7.	Galnimb	Shrirampur	Rural	2710	2013-14
8.	Kelungan	Akole	Tribal	1440	2013-14
9.	Kumbarwadi	Sangamner	Rural	720	2016-17
10.	Rankamwadi	Sangamner	Rural	1648	2016-17
11.	Kolewadi	Rahuri	Tribal	2167	2016-17
12.	Chikalthan	Rahuri	Tribal	3367	2016-17
13.	Jamgaon	Akole	Tribal	759	2016-17
14.	Manik-ozar	Akole	Tribal	615	2016-17
15.	Manere	Akole	Tribal	2057	2016-17
16.	Warangushi	Akole	Tribal	3119	2016-17
	Total		Rural: 09 Tribal:07 Total:16	Rural: 18,726 Tribal:13,524 Total: 32,250	

The details of the activities of Arogya banks are given below. **(Annex.XVII)**

**d) PRAVARA HDSS-** The centre has established the Pravara Health and Demographic Surveillance System (Pravara HDSS) in 13 villages around PIMS university. The main objective of the HDSS is to develop, test and promote realistic solutions guiding, planning of major public health problems faced by the general people and improve the understanding of natural history and biology of diseases of public health priority are essential in order to guide interventions. To implement the project the centre has initiated collaboration with KEM Research Centre. The students and staff of the project are using the project facility for understanding various aspects of health and population dynamics. The total population covered under the project is 65324.

e) UG & PG students of all constituent units are posted at various extension health centres like Rural/Tribal Health Centres – Kolhar, Babhaleshwar, Pathare, Zarekathi, Lohare, Shendi (tribal), and Rajur (tribal) and Mobile Medical Units – Loni and Shendi (tribal) for training in rural/primary health.

f) **PG students & faculty participate in “Namaskar Doctor” - Video Conferencing e-health Program and “Hello Doctor” - Community Radio Programs-** These programs are conducted every week to discuss various medical & health topics for larger public interest. The CSM conducts health education sessions to rural people through Community Radio and Rural e-health Centers.

**Table 9: Details of “Namaskar Doctor” Video Conferencing Program with Village IT Centres (Every Tuesday)**

Year	2011 - 2012	2012- 2013	2013 - 2014	2014 - 2015	2015 - 2016	Total
No. of Programs	52	45	17	52	IT Dept	166
No. of Participants attended	1,040	1,000	463	11,568	IT Dept	14,071

**Table 10: Details of “Hallo Doctor” Community Radio Kendra Program (Every Wednesday)**

Year	2011 - 2012	2012- 2013	2013 - 2014	2014 - 2015	2015 - 2016	Total
No. of Programs	30	22	20	52	39	163
No. of Participants attended	10,000	1,20,000	1,10,000	1,45,689	94,532	4,80,221

g) UG and PG students of medical, nursing and public health units are exposed to various targeted intervention projects / programs dealing with vulnerable sections of community like prevention of STI & HIV/AIDS among high risk groups like Female Sex Workers, MSM & transgenders, migrant workers,



Care & Support Centre for PLHIV etc																																																																																																																																																																																																										
<p>h) <b>School Health, Hygiene and Environmental Program (SHAPE):</b> SHAPE was implemented by Centre for Social Medicine in 30 Schools (19 Government Primary (Z.P) &amp; 11 High School &amp; Private - one exclusively for Deaf &amp; Dumb) addressing over 6263 students (Girls: 3036 &amp; Boys: 3227 as on 2016) and 194 teachers &amp; staff members. These 30 schools are spread in 20 remote &amp; tribal villages of Ahmednagar district, Maharashtra. Besides, health, hygiene &amp; nutrition talks and practical demonstrations involving students on scientific way of “<i>hand washing with soap</i>”, brushing the teeth, nail cutting, physical exercises, healthy life styles, environmental cleanliness. SHAPE includes various other social, physical health promotional activities designed and implemented along with the empowered “School Health Committees – teachers, non-teaching staff, students, management, community representatives, health workers” to make the schools as “Health Promoting Schools”, in the long run. The program was implemented in joint collaboration with the respective departments’ faculty and students of Rural Dental College, College of Physiotherapy, College of Nursing.</p> <p style="text-align: center;"><b>Table 11: Profile of the Schools Selected under SHAPE</b></p> <table border="1"> <thead> <tr> <th rowspan="2">Sr.No</th> <th rowspan="2">Name of School</th> <th rowspan="2">Name of Village</th> <th rowspan="2">Type of the School</th> <th rowspan="2">Grade of the School</th> <th rowspan="2">School Setting</th> <th rowspan="2">Total Staff</th> <th colspan="3">Total No. of Students 2016</th> </tr> <tr> <th>Boys</th> <th>Girls</th> <th>Total</th> </tr> </thead> <tbody> <tr><td>1</td><td>Z.P. School</td><td>Zarekathi</td><td>Govt</td><td>Primary</td><td>Rural</td><td>05</td><td>69</td><td>65</td><td>134</td></tr> <tr><td>2</td><td>Z.P. 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School	LohareM irpur	Govt	Primary	Rural	06	72	65	137	14	Z.P. School	Pathare 1	Govt	Primary	Rural	02	26	22	48	15	Z.P. School	Pathare 2	Govt	Primary	Rural	03	38	35	73	16	Z.P. School	Kelungan	Govt	Primary	Tribal	02	23	27	50	17	Z.P. School	Bhandard ara	Govt	Primary	Tribal	04	33	32	65	18	Z.P. School	Panjare	Govt	Primary	Tribal	04	57	64	121
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19	Asharamshala	Shendi	Private	High	Tribal	16	151	170	321
20	Z.P. School	Kolhar kd	Govt	Primary	Rural	04	61	53	114
21	Z.P. School	Khali	Private	High	Rural	13	206	197	403
22	Pravara High School	Tisgaonwadi	Private	High	Rural	14	111	103	214
23	Pravara High School	Zarekathi	Private	High	Rural	09	325	242	567
24	Pravara High School	Durgapur	Private	High	Rural	10	234	230	464
25	Pravara High School	Galnimb	Private	High	Rural	07	115	110	225
26	Pravara High School	Kolhar kd	Private	High	Rural	09	184	159	343
27	Pravara High School	Babhleshwar	Private	High	Rural	18	590	610	1200
28	Deaf & Dumb School	Babhleshwar	Private	High	Rural	04	72	65	137
29	Anusaya Gholap Asharamshala	Lohare-Mirpur	Private	High	Rural	07	86	58	144
30	Gadage Maharaj Aawjinath vidyalaya	Lohare-Mirpur	Private	High	Rural	09	181	175	356
Grand Total						194	3227	3036	6263

**Table 12: Training-cum-Workshops organized under SHAPE by Centre for Social Medicine during 2011-2016**

S.N.	Title of Workshop	No. of Batches	No. of Participants	Date (s) & Venue of Workshop	Target Community Group
<b>2011-12</b>					
1	Workshop on Health Promoting School	02	365	Pravara Madhyamik Vidyalaya, Babhaleswar	Students & Teachers
2	Workshop on Health Promoting School	01	291	M.P.Vidyalaya Dadh (Bk)	Teachers & Students
3	Workshop on School Health Hygiene and Environment Program (SHAPE)	11	1785	SHAPE Schools	Teachers & Students



4	Workshop on Health Promoting School by CSHD students	02	341	English Medium School, Loni, Little Flower School, Pravara Madhyamik Vidyalaya, Durgapur	Teachers & Students
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2012-13					
5	Workshop on School Health Hygiene and Environment Program (SHAPE)	09	1842	SHAPE Schools	Students & Teachers
2013-14					
6	Workshop on School Health Hygiene and Environment Program (SHAPE)	24	4080	SHAPE Schools in Loni & Bhandardhara	Students & Teachers
2014-15					
7	Workshop on School Health Hygiene and Environment Program (SHAPE)	21	4771	SHAPE Schools in Loni & Bhandardhara	Students & Teachers
2015-16					
8	Workshop on School Health Hygiene and Environment Program (SHAPE)	19	3771	SHAPE Schools in Loni & Bhandardhara	Students & Teachers
Total		89	17,246		

i) UG & PG students along with faculty participate in celebration of Public Health Weeks & Days like WHO day, Environmental Day, Safe Motherhood Day, Breastfeeding Week, AIDS Week etc

**J) Centre for Research in Tribal Health and Services (CRTHS):** Recognizing that there is a paucity of comprehensive genetic, ethnic, behavioral and health research about the tribal population, as a socially committed academic and research organization specialized in medical care, public health and allied health sciences, the PIMS-DU, established a separate CRTHS under CSM. The mission of CRTHS is to work with tribal communities to identify their health needs, develop and test appropriate community empowering models through participatory research, service and education to achieve health equity and share the experiences with global community for policy formulation.

**Table 13- Research studies conducted by CRTHS**

Sr. No.	Name of student	Dissertation Topic	Guide	Year
1	Mr. Sanjay Kumar	To study the malnutrition among tribal children with special focus on dietary intake and nutritional interventions in Akole Block of Western Ghat, Maharashtra	Dr. S.N. Thitame, Asst. Professor, CSM	2016-17
2	Dr. Shilpi Kawalia	Oral health related quality of life among tribals of Western Ghat in Akole Block of Maharashtra, India	Dr. S.N. Thitame, Asst. Professor, CSM	2016-17
3	Dr. V.B. Bangal	Improvement of maternal health services through use of mobile phone: A randomized control trial	Dr. D.B. Phalke, Prof. Dept. of PSM	2016-17
4	Mr. Raju K.C.	Access, utilization and barriers of MCH services in tribal area of Akole: A client perspective	Dr. A.L. Kharde Dr. S.N. Thitame	2016-17



	5	Dr. N.S. Dhoble	A cross-sectional study of consanguineous marriages and reproductive behaviour among tribal population in Akole taluka of Ahmednagar District, Maharashtra	Dr. (Mrs) V.D. Phalke Professor, Dept. of PSM	2016-17
	6	Dr. K.L. Bramhankar	A study on perception and pattern of alcohol consumption, its impact on socio-economic and health, especially mental health, of the tribal population of Akole Tribal Block of Ahmednagar district of Maharashtra	Prof. K.V. Somasundaram, Director, CSM	2016-17
	7	(Faculty Research Study)	Genetic analysis of Human Leucocyte Antigen (HLA) Polymorphism in Tribal & Non-tribal Population of Maharashtra India - A pilot study.	Dr.Sonali Das - PI Dr. Pramod Mahajam – Co-PI Prof.K.V.Somasundaram – Co-PI	2016-17
k) <b>Arogya Mitra (Modular Certificate Program)</b> -CSM has conducted a value addition skill development Short-term Modular Training Course for Community Health Workers leading to Certificate program namely “Arogya Mitra (Health Guide)”. Under this program as many as, 68 ASHAs/FHVs were trained in 3 batches during 2014-15. These <i>Arogya Mitras</i> are manning the <i>Gram Arogya Banks</i> at village level.					
l) UG & PG students along with faculty participate in celebration of social and cultural importance like International Women’s Day, Youth Day, Teachers Day, Children’s Day, Independence Day, Republic Day, Constitutional Day etc					
M) Participation in Swachh Bharat – Village Cleanliness Drives, Screening of village population for BP, Diabetics, Refractive errors etc through house-to-house survey in all Gram Arogya Bank Villages					
N) Collaborations and MOUs with other Institutions / Industries their nature and outcome					
<b>Foreign Universities / Institutions</b>					
	S. No	Name & Place	Period From – to	Area of Collaboration	Nature of Output
	1	Pathfinder International, Boston, USA	Phase I: 2005 to 2008 Phase II: 2009 to 2012  2010 to 2014	<ul style="list-style-type: none"> <li>Financial assistance for implementation of a project on prevention of STI/HIV transmission amongst FSWs and MSMs in Nashik District.</li> <li>Fiscal intermediary Agency for NGOs working in prevention of HIV/AIDS in Maharashtra</li> </ul>	<ul style="list-style-type: none"> <li>Implemented a project (Muktha) for prevention of STI &amp; HIV among high risk groups in Nashik district from 2005 to 2012</li> <li>Served as financial nodal agency for NGOs working in HIV/AIDS in Maharashtra</li> </ul>
	2	University of Luven, Belgum	2012 & 2015	Joint Ph.D Program with seven EU countries	Submission of Joint Research Proposal – Disability Mundus for EU funding twice
	4	Orebro University, Sweden	2012-2014	“Sustainable development through promoting eco-friendly	Submitted the research project for joint collaboration





			environment in fifty remote villages of Pravara River Valley, Maharashtra, India	
5	IE <sub>3</sub> Global Internships Program, Oregon and Portland State University System	2011-till date	Training undergraduate students of Public Health, Health, Social & Life Sciences students in “Social Health and Development”	42 students from USA were trained till Dec. 2015 in Social health and Development at regular intervals in 12 batches.
6	University of Karolinska, Sweden	2011 onwards	1) Students Training & Faculty Interactions under ERASMUS MUNDUS Scholarship program 2) Research Study on Prevalence of Diabetes Mellitus in Rural Population	Trained the 10 students from KI, Sweden in social health Completed a Research Project on Diabetes in rural areas
7	Griffith University, Australia	Aug.- Dec.2013	Training & Research in Mental Health for faculty and community health workers of CSM in collaboration with the researchers from Griffith University, Australia	<ul style="list-style-type: none"> <li>• 3 day Training of Trainers (ToT) for Faculty by researcher from Griffith Univ.</li> <li>• 5 day training for 47 Community Health Workers in two batches by researcher from Griffith Univ.</li> <li>• Joint research paper under publication</li> </ul>
8	Drake University, USA	2014-2016	Health Sciences Students Training	15 students in three batches were trained in the field of social health
9	Lund University, Sweden	2014-15	Minor Research Studies	<ul style="list-style-type: none"> <li>• Three minor research studies conducted (1) Eclampsia (2) Pre-eclampsia (3) Teenage pregnancy</li> </ul>
10	International Association of Rural Health & Medicine, Japan	2012	Organizing International Conference	<ul style="list-style-type: none"> <li>• Organizational &amp; technical support and participation in proceedings by its members</li> <li>•</li> </ul>
11	World Bank, India	2012	Organizing International Conference	<ul style="list-style-type: none"> <li>• Organizational and technical support and participation in proceedings of conference</li> </ul>

**Industry / other organizations**

S. N	Name & Place	Period From – to	Area of Collaboration	Major outputs
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0				
1.	India Study Abroad Centre (ISAC), Mumbai	Jan – Dec. 2011	Training of international students in rural and public health	3 international students were trained for 4 weeks during the year.
2.	Cupid Ltd, Nashik (Condom Manufacturing Industry)	2010-11	Community-based Interventional research	Completed Research Project on “Efficacy and Acceptability of Female Condom in rural and urban population of Ahmednagar district”
3	National Health Systems Resource Centre (NHSRC), New Delhi	2013	Evaluation of ASHA Scheme in Maharashtra	Implemented the project
4	The Humsafar Trust, Mumbai	1 <sup>st</sup> Aug, 2012- 30 <sup>st</sup> Sept 2012	Technical Support to CBO ( <i>Manmilan Bahudhyesh Samajik Sanstha, Nashik</i> )	Implemented the project
5	State Health Systems Resource Centre (SHSRC), Govt. of Maharashtra, Pune	1.11.2012- 31.10.2015	Public health policy research	Implemented the project
6	Healis Inst. of Public Health, Mumbai	Nov-Dec. 2012	Evaluation of Tobacco Control Act in M.S	Conducted the research study Submitted the research report
7	Maharashtra AIDS Control Society ( MSACS), Wadala, Mumbai	2013-2016	TI for migratory Workers for Prevention of HIV /AIDS in A'Nagar	Implementing the Project and serving 10000 Migrant Workers in Ahmednagar district
8	Maharashtra AIDS Control Society ( MSACS), Wadala, Mumbai	2011-2016	TI for Female Sex Workers for prevention of STI & HIV/AIDS in Nashik District, Maharashtra	Implementing the Project and serving 1800 Female Sex Workers in Nashik district
9	Maharashtra AIDS Control Society ( MSACS), Wadala, Mumbai	2011-2016	TI for Male having Sex with Male in prevention of STI & HIV/AIDS in Nashik District, Maharashtra	Implementing the Project and serving 1200 MSM & Transgender people in Nashik & Malegaon
10	Maharashtra AIDS Control Society ( MSACS), Wadala, Mumbai	2012-16	TI for Migratory Workers for Prevention of HIV /AIDS in Malegaon City	Implementing the Project and serving 15000 Migrant Workers in Ahmednagar district
11	Networking of Maharashtra for People Living with HIV/AIDS (NMP+), Pune	2015	Network of Maharashtra people living with HIV - AIDS	Established Care & Support Centre for PLHIV and providing services for about 4500 HIV+ people
12	KEM Research Centre, Pune	2014-15	Health and Demographic Surveillance	Initiated the Project on HDSS in 13 villages in Phase I



13	Yashwantrao Chavan Academy for Development and Administration (YASHADA), Pune	2013	Evaluation of Gov. Schemes pertaining to rural health & development	Empanelled by YASHADA as a Technical Consultative Agency
14	Jankidevi Bajaj Foundation, Pune	2015	Training of Community Health Workers Technical support to establish Gram Arogya Banks	Two training programs organized at CSM Supported establishment of two Gram Arogya Banks in the operational area of Bajaj Foundation in Pune
15	Centre for Studies in Rural Development (CSR D), Ahmednagar	2011 - 2015	Training of MSW students in Block Placement	2011 – 3 2012 – 5 2015 - 1 Total – 9 students trained
16	Krishi Vigyan Kendra (ICAR Project) of PIRENS, Babhaleshwar	2012 – till today	Health Education / Awareness through Community Radio	Conducting Weekly “Namaskar Doctor” Radio Program for one hour, besides health education.
17	Indian Council of Medical Research (ICMR), New Delhi	2012	Organizing International Conf. on Rural Health	Co-funded the conference Participated in the proceedings of Conference
18	Medical Council of India	2012	Organizing International Conf. on Rural Health	Co-funded the conference
19	Action Aid India, New Delhi	2012	Organizing International Conf. on Rural Health	Co-funded the conference Participated in the proceedings of Conference
20	Appolo Pharmacy, Hyderabad	2012	Organizing International Conf. on Rural Health	Co-funded the conference
21	Draeger Medical India Pvt. Ltd, Mumbai	2012	Organizing International Conf. on Rural Health	Co-funded the conference
22	Torrent Pharmaceutical Ltd. Mumbai	2012	Organizing International Conf. on Rural Health	Co-funded the conference



	<p>p) The Centre and the University is empanelled with following organization</p> <table border="1"> <thead> <tr> <th data-bbox="375 199 443 226">SN</th> <th data-bbox="443 199 911 226">Name of Organization</th> <th data-bbox="911 199 1346 226">Purpose</th> </tr> </thead> <tbody> <tr> <td data-bbox="375 226 443 331">1</td> <td data-bbox="443 226 911 331">Yashwantrao Chavhan Academy for Development and Administration (YASHADA), Pune</td> <td data-bbox="911 226 1346 331">To evaluate government program on development and administration</td> </tr> <tr> <td data-bbox="375 331 443 401">2</td> <td data-bbox="443 331 911 401">Maharashtra State AIDS Control Society (MSACS), Mumbai &amp; NACO, New Delhi</td> <td data-bbox="911 331 1346 401">To implement the HIV/AIDS Projects</td> </tr> <tr> <td data-bbox="375 401 443 470">3</td> <td data-bbox="443 401 911 470">State Health Systems Resource Centre , GoM, Pune</td> <td data-bbox="911 401 1346 470">Policy Research</td> </tr> <tr> <td data-bbox="375 470 443 539">4</td> <td data-bbox="443 470 911 539">National Health Systems Resource Centre, GoI, Navi Delhi</td> <td data-bbox="911 470 1346 539">Evaluation of ASHA Program in Maharashtra</td> </tr> <tr> <td data-bbox="375 539 443 636">5.</td> <td data-bbox="443 539 911 636">Neeti Aayog (formerly Planning Commission), GoI, New Delhi</td> <td data-bbox="911 539 1346 636">Registered under NGO Portal for submitting on-line Project proposals for funding</td> </tr> <tr> <td data-bbox="375 636 443 800">6.</td> <td data-bbox="443 636 911 800">Maharashtra Skill Development Society (<i>mahakaushalya.com</i>), GoM, Mumbai</td> <td data-bbox="911 636 1346 800">Enrolled as Parent Organization as well as Voluntary SkillDevelopment Training Centre for undertaking skill Development training Programs under Health Sector</td> </tr> </tbody> </table>	SN	Name of Organization	Purpose	1	Yashwantrao Chavhan Academy for Development and Administration (YASHADA), Pune	To evaluate government program on development and administration	2	Maharashtra State AIDS Control Society (MSACS), Mumbai & NACO, New Delhi	To implement the HIV/AIDS Projects	3	State Health Systems Resource Centre , GoM, Pune	Policy Research	4	National Health Systems Resource Centre, GoI, Navi Delhi	Evaluation of ASHA Program in Maharashtra	5.	Neeti Aayog (formerly Planning Commission), GoI, New Delhi	Registered under NGO Portal for submitting on-line Project proposals for funding	6.	Maharashtra Skill Development Society ( <i>mahakaushalya.com</i> ), GoM, Mumbai	Enrolled as Parent Organization as well as Voluntary SkillDevelopment Training Centre for undertaking skill Development training Programs under Health Sector
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49.	<i>State whether the programme / department is accredited / graded by other agencies?</i> NO																					
50.	<p><i>a) Brief highlight the contributions of the department in generating new knowledge, basic or applied ( based on published research articles, paper, projects, books, Patents etc.</i></p> <ul style="list-style-type: none"> <li>• The centre has generated huge knowledge in the form of various research projects. The outcomes and findings of the projects are becoming the policies for various projects and programs of the Public Health Department of the state govt. (<b>Annex. XV</b>)</li> <li>• The unpublished research project reports of the centre are used by the researchers, faculty, students and policy makers.</li> </ul> <p><i>b) Salient and unique feature of Department.</i></p> <ul style="list-style-type: none"> <li>• Academics, Research &amp; Services of the Centre are focused on Development perspective</li> <li>• Strong Academic-Community Partnerships through promoting Community Laboratory</li> <li>• Sustained Academic-Research-Public Health Agency Partnership</li> <li>• Mutually beneficial international cooperation/collaboration in public health training, extension and research</li> <li>• Serving most neglected and challenging sections of the society like <i>Tribal people, Sex Workers, Transgender population, Male having sex with Male, Migrant Workers, People living with HIV/AIDS, Widowed/deserted women, Sugarcane harvest workers etc through targeted intervention projects</i></li> <li>• Developed a network of Gram Arogya Bank for the Primary health care delivery which is run by the villages.</li> <li>• The academic, developmental and health programs of the centre are supported by the strong network of the Female health volunteers in the community.</li> </ul> <p><i>C) Innovation of the Department.</i></p> <ul style="list-style-type: none"> <li>• International student certificate program in Social Health &amp; Development</li> <li>• Innovative community health projects such as <ul style="list-style-type: none"> <li>• Village e-health centres (video-conferencing),</li> <li>• Gram Arogya Banks,</li> <li>• Health Promoting Schools,</li> <li>• Healthy Village</li> <li>• Drum Stick Seed Powder project for safe drinking water</li> <li>• Spirulina and Shakthi + for improving nutrition of women &amp; children</li> </ul> </li> <li>• Working with a strong 200 trained community health workers (Female Health Volunteers) by adopting 200 villages for community development and services (primary health care and health education), research and training.</li> </ul>																					



	<ul style="list-style-type: none"> <li>• Health education and awareness through Community Radio Station</li> <li>• Intersectoral approach for delivering community health &amp; development activities (health (government &amp; private hospitals), agriculture (Krishi Vigyan Kendra), education (PRES &amp; ZP Schools/Colleges) etc</li> </ul> <p><b>q) Best practice of the Department</b></p> <ul style="list-style-type: none"> <li>• Involve the faculty and students of all constituent units of PIMS-DU in all the training, extension and service projects of the Centre</li> <li>• Promoting Public-Private-Peoples Partnerships</li> <li>• Design projects and programs which focus on bridging the gap in gender, social, geographical and health inequalities.</li> </ul>								
<b>51.</b>	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department : (Important or major ones) in bullet form.- SWOC								
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Projects under Consideration for Implementation			
S. N.	Project Title	Funding Agency	Status
1	Skill Development Training Programs in Para-medical and Public Health Workers under “Community College” – a) Basic Anatomy & Physiology b) Geriatric Assistant c) Dialysis Assistant d) Operation Theatre Technician e) Optometrist f) Nursing Assistant g) Dental Hygienist h) Dental Mechanic	Ministry of Skill Development, Government of India under Prime Minister Skill Development Program through National Skill Development Corporation (NSDC), Maharashtra State Skill Development Society (MSSDS), Govt. of Maharashtra	Parent Organization Enrolment was done Voluntary Training Centre Enrolment was done Skill Trainer enrolment was done
2.	Establishment of Rural Health Centre (RHC) at Agashkhand, Pathardi Taluka, Ahmednagar district	Pravara Medical Trust, Loni	Hospital Building is under construction
3	State level Nodal Agency for “Community Based Monitoring of Health Services in Maharashtra”	National Health Mission (NHM), Government of Maharashtra, Mumbai	Proposal Submitted. PIMS was short listed. Presentation was made before the State Selection Committee Final selection is yet to be declared
4	Establishment of “Ten Bedded Hospital in Bhandardhara Tribal Area” under Government of India Tribal Welfare Scheme	Ministry of Tribal Welfare, Government of India through State Tribal Development Department	In Process
5	Mobile Medical Unit (MMU) Services for Remote Tribal Population of Akole Block under Government of India Tribal Welfare Scheme	Ministry of Tribal Welfare, Government of India through State Tribal Development Department	Submitted
6	Health Promoting School Program in Tribal Schools (Ashram Shala) in Akole Block, Ahmednagar dist.	Ministry of Tribal Welfare, Government of India through State Tribal Development Department	In process
7	Motor Bike Ambulance Program for reaching the unreached tribal hamlets for provision of emergency and general health care services	Jamanlal Bajaj Foundation, Pune	In Process
8	Complete Care of Child and Mothers -An Intervention On Health, Hygiene & Nutrition, Ahmednagar District, Maharashtra	Captain Polyplast Ltd	Submitted to funding agency under CSR Grants
9	<i>Tarunyaa</i> : Adolescent Sexual Health Programme in 56 villages of Ahmednagar District of Maharashtra	Raj Oil Mills Ltd & Mapro Industries Ltd	Submitted to funding agency under CSR Grants
52	<p><b>a) Project in Pipeline: Details are enclosed separately</b></p> <p><b>b) Future Plans</b></p> <ul style="list-style-type: none"> <li>Establish full-fledged “Community College” to start skill development courses in paramedical &amp; health sciences for rural, tribal and minority youth and women, in collaboration with National Skill Development Corporation (NSDC), New Delhi &amp; Maharashtra State Skill Development Mission (MSSDM), Mumbai and other likeminded institutions/organizations.</li> <li>Establish Special Study Centre of IGNOU for Rural &amp; Tribal People of the region</li> <li>Focused research &amp; development activities on tribal’s, minority and urban-slum population</li> <li>Up gradation of Service Facilities at the existing Rural Health Centre &amp; Mobile Clinics</li> <li>Strengthening collaborative academic/training &amp; research activities towards health equality with international and national organizations such as Babasaheb Ambedkar Research and Training Institute (Barti), Pune</li> </ul>		



# Pravara Rural Hospital









## **PRAVARA RURAL HOSPITAL, LONI**

Pravara Rural Hospital & Medical Research Centre is **1275 bedded** Multidisciplinary, Super-specialty Hospital with state-of-art gadgets, equipment including 64 Rows 128 Slice CT Scan, 1.5 Tesla MRI, Linear Accelerator with IMRT and ICCU. Modern Hi-tech Central Clinical Laboratory (CCL), Blood Bank with component separation facilities. Cancer Treatment & Research Centre supports the hospital. Ancillary units such as Physiotherapy & Rehabilitation and Holistic Medicine departments for patient care are available in hospital.

- Hospital serves approximately 30, 00, 000 populations, covering 500 rural, remote tribal, hilly villages and urban slums. Over 186 free Paediatrics Heart Surgeries have been performed till date. Over a Lakh patients have been registered so far at Rural Cancer Treatment & Research Centre which has established its own Rural Cancer Registry (Centre Code No. 513) and Day Care setup. Currently we have an advance treatment facility of Linac with IMRT.
- The Pravara Rural Hospital continues rendering quality services with visible accomplishments.
- Pravara Rural Hospital had over **6, 64, 648** OPD attendance of which over **3, 05, 442** were new patients and **359206** were old patients with an average daily attendance of **2,260.7** patients.
- IPD attendance was **259645** patients with average daily bed occupancy of **87.35** %.
- During the period hospital have organized two (**02**) Multi-diagnostic (multi-specialty) camps in which a total of **1181** patients were examined and as many as (**28**) Mini Medical camps including Dental camps in which **4940** patients were examined. Patients requiring further specialized services were brought to main hospital for evaluation and treatment.
- During the period between August 2014 to July 2015, total of **10800** operations were performed, out of which, **8747** were major surgeries and **2053** minor surgeries. Besides these, **34315** minor procedures were also performed in various specialist OPDs.
- The hospital assist State and Central Government to implement their National Public Health Programmes.
- The institute provides sophisticated diagnostic and therapeutic facilities like Ultrasonography, Color Doppler, CT Scan, MRI, DSA, Digital X-Ray with PACS, Cardiac Monitors, etc.
- Spacious specialty out-patient & diagnostic departments and In-patient wards are available with residential expert medical and paramedical teams.
- Central Clinical Laboratory (CCL) consists of Pathology (Morbid Anatomy, Cytology, Haematology), Biochemistry and Microbiology is well equipped and caters to the needs of patients. The hospital CCL also functions as a referral centre for nearby pathologists and laboratories.
- The Blood Bank of the Hospital is equipped with state-of-art equipments to perform routine and special investigations including HIV Test (Elisa reader) and separation of blood to prepare blood components. The blood component therapy has proved to be a boon for the needy patients.
- Dialysis Unit caters to the needs of high incidence of insecticide poisoning and snake-bites leading to kidney failure, which is very common among agricultural workers.
- Emergency and Trauma care is provided round the clock by experts. These services are augmented with the latest diagnostic facilities like invasive and non-invasive imaging techniques, on the spot transfusion and other resuscitative techniques.
- Major as well as specialized surgeries including Paediatric Cardiothoracic, Neurology, Urology, Laparoscopic, Spinal, Micro Laryngeal, Facio Maxillary, Reconstructive and replacement surgeries are





performed in a centrally air conditioned Operation Theatre Complex housing eight OTs which are equipped with excellent operating and monitoring facilities.

- Besides this, every Out-patient department has it's own minor operation theatre for day care services.
- Advanced Neonatal Unit and Neonatal Intensive care Unit take care of preterm babies, critically ill neonates, infants and children ensuring an excellent salvage rate.
- Intensive Care Unit is well equipped with state-of-art monitoring and life support systems for the care of the critically ill.
- ICCU: A 15 bedded ICCU equipped with latest of the ventilators, Multipara Monitors, External Cardiac Pace Maker and 24 hours continuous Holter ECG monitoring facilities, caters for the needs of critically ill cardiac patients.

### Specialized Services

- |                                 |  |
|---------------------------------|--|
| • Paediatric Cardiac Surgery    | • Cardiothoracic Surgery                         |
| • Traumatology                  | • Neurology                                      |
| • Urology                       | • Laparoscopic Surgery                           |
| • Burn & Reconstructive Surgery | • Spinal Surgery, Joint Replacement, Arthroscopy |
| • Micro Laryngeal Surgery       | • Oral and Maxillofacial Surgery                 |
| • Reconstructive Surgery        | • Nephrology                                     |
| • Advanced Neonatology          | • Radiotherapy & Oncology                        |

### Specialized Dental Care:

The routine dental department rendered by the Pravara Rural Hospital, Loni since 1976 has been expanded, in response to the demand, to a full-fledged Dental Hospital with all specialties in 1989.

Specialized diagnostic procedures include Orthopentogram and Cephalogram. Specialized treatment procedures like Maxillofacial and Orthognathic surgery, advanced Conservative treatment, aesthetic dentistry, ceramics, cast dentures and maxillofacial prosthesis are the additional features of this hospital.

Pravara Rural Dental Hospital also has full-fledged extension OPDs in the nearby urban areas like Shirampur, Sangamner, Rahata to serve the urban poor. The hospital also conducts regular "Out Reach" programme like medical camps, school student's dental check up etc.

### Physiotherapy and Rehabilitation Care:

Physiotherapy and Rehabilitation care is being rendered in the hospital since 1980 has been upgraded in 1997 with specialized therapeutic procedures. A well-established Physiotherapy and Rehabilitation Centre with full fledged orthotic and prosthetic laboratories and other modern and advanced equipments, caters to the needs of out-patients and in-patients of Pravara Rural Hospital.

The Orthotic and Prosthetic workshop has facilities to design and prepare all types of static and dynamic splints, calipers, crutches, collars, braces, prostheses, corrective modified shoes, wheel chairs, tricycles and other locomotive devices for handicapped persons.

#### I. (a) Major Infrastructure provided afresh :

- Infrastructures:- Provide accommodation for Maternity ward of 36 bedded, Labour room, Obstetrics OT. Hospital Extension Building consists of seven floors (G+6), total Hospital Extension built up area: 2,20,000 sq. ft.
  - **Ground Floor:** General Maternity Ward occupied 36 beds and additional Demonstration Room with fulfill ancillary services. As well as first stage & second stage Delivery with Eclamsia Room, Post Delivery Room.



- **First Floor:** OT Complex (06 Nos. Non-modular & 01 No. Modular OT), HDU & ICU.
- Second Floor: Two general wards, each capacity is 30 beds with fulfill ancillary services as well as Cath. Laboratory provided Procedure Room, Console Room, CU, Postoperative Room.
- **Third to Sixth Floors:** It is a typical floor, each floor provided 3 Nos. of Wards with fulfill ancillary services.
- **Other Facilities:** Spacious Waiting area, Centralized RO Plant at terrace, Pure Drinking Water provided each floor, total 5 Nos. Passenger Lifts, internally & externally Fire fighting systems, Solar Water Supply.
- **Empanelment:** RGJAY, State Govt. of Maharashtra, Mumbai has approved the Pravara Rural Hospital for online cashless scheme “Rajeev Gandhi Jeevandayee Arogya Yojana (RGJAY)” for the common people except white Ration Card holder. The scheme is launched since 21<sup>st</sup> Nov’2013. The Hospital was graded initially with the **NABH Score of 84.4% and placed in “C1” grade** which is after review inspection by the RGJAY Society in the month of July & Sept’2014 **graded with the current NABH Score of 100% and is placed in “A1” grade.**
- **Bio-medical Waste Management:** An Interim Storage site for storage of Bio-medical waste has been constructed near ETP Plant of Hospital and put up into use.





## Central Clinical Laboratory





**Pravara Institute of Medical Sciences  
(Deemed University)**

**Rural Medical College and Pravara Rural Hospital, Loni**

**CENTRAL CLINICAL LABORATORY**

**1. PREAMBLE:**

Central clinical laboratory situated on the first floor, is in close proximity to most of the out patients departments. It caters to the laboratory investigation needs in the disciplines of Clinical pathology, Hematology, Clinical Biochemistry and Clinical Microbiology, of all indoor and outdoor patients attending Pravara Rural Hospital and satisfies more than 98% of tests requisitioned by clinicians. The rest of the requisitioned tests are outsourced to a NABL accredited Laboratory which has a national presence. CCL also provides hands on training for CMLT, DMLT, DCP and MD students specializing in Pathology

**2. AIMS AND OBJECTIVES:**

- a. To provide premier medical laboratory services to the community it serves by enabling timely, high quality results, using state of the art technology.
- b. To provide single window clearance for reception, billing, and report dispatch, thereby minimizing inconvenience to patients.
- c. To enable acquisition and access to all kinds and types of tests requisitioned by clinicians at a single place, either by performing the test in house or by dispatch of sample obtained, to an accredited laboratory

**3. FACULTY:**

- a. Manager: **1** (Professor, pathology)
- b. Pathologist in charge of Hematology and Clinical path: **1** (Professor / Assoc Prof, Pathology)
- c. Biochemist in charge of Clinical Biochemistry: **1** (Professor/ Assoc Prof/ Asst Prof, Biochemistry)
- d. Microbiologist in charge of Clinical Microbiology: **1** (Professor / Assoc Professor/ Asst Professor, Microbiology)

**4. STRUCTURE:**

It is housed in a concrete, centrally air conditioned structure; is compact (houses all three departments of Clinical Pathology and Hematology, Clinical Biochemistry and Clinical Microbiology in close proximity to each other). The patient registration and report dispatch counters and Phlebotomy work stations are adjacent to the Laboratory testing areas. This enables optimal utilization of resources and reduces turnaround times of laboratory samples. It also has provision for automated transport of laboratory samples and test results of indoor patients by means of a Pneumatic tube system.

**5. WORK CARRIED OUT:**

1. In house: List of tests attached as Appendix "A"(1,2,3)

**6. DATA AND ANALYSIS FOR THE LAST 5 YEARS:**

- a. Data for the last five years for the departments of Clinical Pathology and Hematology, Clinical Biochemistry, Clinical Microbiology and Blood Bank: attached as Appendix "C"(1,2,3,4)
- b. Data analysis shows increase in the number of tests by :
  - i. Clinical Pathology and Hematology: **5.8% since the year 2014-2015 and 26 % since the year 2011-2012**
  - ii. Clinical Biochemistry: **11.3 % since the year 2014-2015 and 70 % since the year 2011-2012**
  - iii. Clinical Microbiology: **12.8% since the year 2014-2015 and 30 % since the year 2011-2012**





7. **ACHIEVEMENTS: FIVE YEAR PERIOD**

- a. Installation of state of the art equipment for all three departments
- b. Housed in a freshly modified building, housing reception / report dispatch and patient waiting area, Laboratory work stations, offices, seminar room and washroom conveniences for the staff in a single integrated complex
- c. The types of tests being carried out in house has increased from 90% to 98%, thereby decreasing the types of tests being outsourced
- d. Use of Local Area Network : For providing access to vetted laboratory reports at the physicians desk

8. **SALIENT FEATURES:**

- a. Central clinical laboratory is a compact, state of the art clinical laboratory providing quality reports in optimum turnaround times, both for indoor and outdoor patients.
- b. Quality is assured by running internal and external quality assurance programmes on a routine basis. EQAS is in collaboration with the following institutes:
  - i. All India Institute of Med Sciences, New Delhi: Hematology
  - ii. Christian medical College, Vellore: Biochemistry, Microbiology and Hemostasis

9. **INNOVATIONS:**

- a. Installation of Pneumatic tube system for delivery of laboratory samples and delivery of results, thereby reducing laboratory turnaround time
- b. Workflow redistribution to enhance turnaround time

10. **BEST PRACTICES:**

- a. Continuing education for all laboratory technicians ( 30 m to 1hour,Lecture/ demonstration conducted by Lab Technicians: 6 days a week)
- b. Automated Hemograms and Complete Blood counts are double checked manually to ensure quality and accurate results.
- c. All Flagged results in CBC, CSF examinations, Body fluid examinations and Bone marrow aspiration smears are compulsorily vetted by senior faculty before release of result.
- d. Store all samples for 48 hours post test
- e. Internal and external quality assurance programmes are rigorously followed and changes made as and when required
- f. Protective wear (Lab Coats and gloves): Compulsory use in laboratory work area
- g. Eating and drinking in laboratory work areas not permitted and is strictly enforced

11. **FUTURE PLANS:**

- a. NABL Accreditation
- b. Reduce turnaround time of both urgent and routine samples by managing workflow  
Aim: Urgent Samples: 95% within 30 minutes (At present it is 85%) Routine Samples: 90% within 2h – 30 minutes (At present it is 95% within 3 hours)

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**Name & Signature  
(Head of the Dept.)**

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**Name & Signature  
Dean of the College**



## Medical Education Unit



Rural Medical College  
Pravara Institute of Medical Sciences  
(Deemed University)





**Pravara Institute of Medical Sciences  
(Deemed University)  
Rural Medical College, Loni**

**Medical Education Unit**

**PREAMBLE**

Improvement in quality of medical education by sensitizing teachers and students in medical education technology for developing skills required for good teacher, clinician, researcher and mentor

**AIMS & OBJECTIVES**

1. Plan & Organize basic course MET workshop for faculty in coordination with IMETTT, MCI regional center, Pune
2. To provide learning resources for students interns, residents and faculty
3. Organize Induction & Orientation programs for students (at entry & beginning of IInd & IIIrd MBBS), interns, Postgraduates
4. Organizing programs on communication skills & research methodology for residents

**Affiliated Faculties**

<b>Name &amp; Designation</b>	<b>MET Training</b>
Dr. R.C. Goyal, Dean, Officer Incharge	Advanced MET, DMIMS, Sawangi
Dr. D. B. Phalke Coordinator, Professor & Head, Community Medicine	FAIMER 2011 Fellow, GSMC, Mumbai FIME 2015, GSMC, Mumbai
<b>Dr.D.H.Nandal Professor &amp; Head, Pharmacology</b>	<b>NTTC, Chandigarh</b>
<b>Dr. V. B. Bangal</b> Professor & Head, Gynecology	<b>FAIMER fellow 2013 GSMC, Mumbai</b> FIME 2015, GSMC, Mumbai
Dr. P. K. Baviskar Professor & Head, Surgery	FIME 2015, GSMC, Mumbai
<b>Dr. Mrs. M. H. Shaikh Professor, Surgery</b>	<b>Advanced MET, IMETTT, Pune</b> FIME 2014, GSMC, Mumbai
<b>Dr. G. J. Jorvekar</b> Professor, Surgery	<b>FAIMER fellow 2014, CMC Ludhiana</b>
<b>Dr. Amol Hartalkar</b> Professor, Medicine	<b>FAIMER fellow 2012, GSMC, Mumbai</b>
<b>Dr. D. K. Apturkar</b> Professor, Surgery	<b>Advanced MET, IMETTT, Pune</b>
Dr. Motilal Tayade Asst. Professor, Physiology	FIME 2015, GSMC, Mumbai





**EDUCATIONAL MATERIAL**

There are 2 Journals, 26 books, 68 educational CDs & 76 operational CDs related to Medical Education.

**ACTIVITIES**

- A) Faculty Development Programs-Basic Course In Medical Education Technology
- B) Residents/Pg Development Programs (P G Induction Training Orientation Program And Research Methodology Workshops)
- C) Interns Training And Orientation Program
- D) Mbbs Students Induction And Orientation Programs At Beginning Of First, Second And Third Phase
- E) Integrated seminars for students

**A) Data Showing Faculty Development Programs - Basic Course In Medical Education**

**Technology:**

Sr. No.	Date	Admin	Professor	Associate Professor	Assistant Professor	Tutor	Total
1	17-22 Jan 2011	-	4	9	2	6	<b>21</b>
2	25-30 July 2011	-	6	3	5	9	<b>23</b>
3	9-14 Jan 2012	-	3	4	4	9	<b>20</b>
4	25-27 Nov 2013	-	10	4	4	1	<b>19</b>
5	07-09 July 2014	2	9	6	6	1	<b>24</b>
6	27-29 Jan 2015	-	5	3	17	-	<b>25</b>
7	15-17 Oct 2015	2	5	10	10	-	<b>27</b>
<b>Total</b>		<b>4</b>	<b>42</b>	<b>39</b>	<b>48</b>	<b>26</b>	<b>159</b>

<b>B) Postgraduates Development Programs-</b>		Date	delegates
1	PG Induction & orientation program	27-29th June 2016	47
2	Communication skills workshop	16/1/2016	70
3	Research methodology workshops *	2013-2016	370

\*By research cell-twice a year

<b>C) Interns Development/orientation programs</b>		
15-6-2016	Community Medicine under aegis of Medical Education Unit	Intern placement program by TCS
27-1-2016 to 29-1-2016	Community Medicine under aegis of Medical Education Unit	Internship Orientation Program



30-7-2015 to 1-8-2015	Community Medicine under aegis of Medical Education Unit	Internship Orientation Program
22-1-2015 to 24-1-2015	Community Medicine under aegis of Medical Education Unit	Internship Orientation Program
11-8-2014 to 13-8-2014	Community Medicine under aegis of Medical Education Unit	Internship Orientation Program
6-2-2014-8-2-2014	Community Medicine under aegis of Medical Education Unit	Internship Orientation Program
1-2-2013 to 4-2-2013	Community Medicine under aegis of Medical Education Unit	Internship Orientation Program
28-7-2012 to 31-7-2012	Community Medicine under aegis of Medical Education Unit	Internship Orientation Program
30-1-2012 to 1-7-2012	Community Medicine under aegis of Medical Education Unit	Internship Orientation Program
28-7-2011 to 30-7-2011	Community Medicine under aegis of Medical Education Unit	Internship Orientation Program
27-1-2011 to 29-1-2011	Community Medicine under aegis of Medical Education Unit	Internship Orientation Program
9-8-2010 to 11-8-2010	Community Medicine under aegis of Medical Education Unit	Internship Orientation Program
28-1-2010 to 30-1-2010	Community Medicine under aegis of Medical Education Unit	Internship Orientation Program

<b>D) Student Development Programs/Integrated seminars</b>			
1	Induction and orientation program for IIIrd MBBS Part I	18-20 July 2016	15
2	Freshers orientation program and sensitization on disaster management	1/8/2015	125
3	Seminar on HIV/AIDS for PLHA on world AIDS day	1/12/2015	100
4	Guest lecture & Seminar on Yoga on International yoga day	21/6/2015	300
5	Integrated seminar on Vector borne diseases	7/4/2014	300
6	Integrated seminar on Hypertension	7/4/2013	300
7	Integrated seminar on “Good health adds life to years”	7/4/2012	300
8	Integrated seminar on “Antimicrobial resistance”	7/4/2011	25





### **Innovations**

- 1) Community oriented medical education including family study
- 2) E learning
- 3) Student research projects (STS ICMR and Institute funded)
- 4) Organizing Students research conferences by research cell

### **Best Practices**

- A. Faculty Development Programs-Basic Course in Medical Education Technology, newer evaluation methods , curriculam development
- B. Residents/PG Development Programs (P G Induction Training Orientation Program and Research Methodology Workshops
- C. Interns Training and Orientation Program and placement programme
- D. MBBS Students Induction and Orientation Programs at Beginning of First, Second and Third Phase
- E. Integrated seminars for students
- F. Involvement of students in Public Health Days
- G. Problem based learning
- H. Quiz for students
- I. Faculties under going FAIMER, FIME FELLOWSHIPS
- J. Students and faculties presenting papers at state / national/international conferences

### **FUTURE PLANS**

- Learning management software where faculty can upload ppts/videos/e books/circulars/syllabus/papers/quiz which students can access through username and password from anywhere in campus anytime
- Purchasing more books of international/national authors
- Regional traing center covering faculty of other colleges in the area
- Development of department of health professional education under PIMS DU.

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**Name & Signature**  
**(Head of the Unit)**

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**Name & Signature**  
**Dean of the College**



## Dept. of Biostatistics and Health Informatics





**Pravara Institute of Medical Sciences  
(Deemed University)  
Rural Medical College and Pravara Rural Hospital, Loni**

**DEPARTMENT OF BIOSTATISTICS AND HEALTH INFORMATICS**

● **PREAMBLE:**

As per the guidelines of Medical Council of India, "Biostatistics" has been recognized as one of the important disciplines to be taught at the undergraduate level in all medical, dental, nursing, physiotherapy, biotechnology colleges and public health institutions.

The importance and applications of the discipline of "Biostatistics" in teaching as well as research, has been growing over the years at all the constituent colleges of Pravara Institute of Medical Sciences-Deemed University, Loni. The subject is taught at all the undergraduate and postgraduate courses offered in medicine, dentistry, physiotherapy, nursing, medical biotechnology, Social Medicine.

Its role and scope cannot be underestimated in the light of the high priority being accorded by the PIMS-Deemed University to Research and Development Project and Hospital Statistics (Medical Records Department).

● **AIM AND OBJECTIVES:**

**AIM:** To contribute to the theory and practice of statistical science as it is applied to the biomedical and health sciences.

The department strives to accomplish this goal by developing and implementing statistical methods for research in medicine and allied health sciences, public health and by training students for careers in the fields of Biostatistics and Health Decision Sciences.

● **SPECIFIC OBJECTIVES**

- cvii) To cater to the education & training needs of students pursuing various courses in medicine, dentistry and other allied health sciences at PIMS in Biostatistics and Quantitative Medicine (Medical Statistics, Health Statistics, Vital Statistics, Health Decision Making, Research Methodology),
- cviii) To offer graduate, postgraduate degree and diploma courses and other short term certificate courses in Biostatistics, Health Decision Sciences, Vital Statistics and Demography/Population Studies, and Medical Record Sciences etc.
- cix) To promote and undertake research in statistical techniques and methodology in the field of health, medicine, epidemiology and other allied subjects.
- cx) To develop and implement appropriate systems for the medical record management, patient care data management in all the hospitals and rural health centers run by PMT/PIMS.
- cxii) To provide statistical service and assistance to PIMS-DU, State and local bodies in handling problems in health and medicine.
- cxiii) To exercise surveillance to ensure the statistical adequacy and validity in research programmes at PIMS.
- cxiiii) To build capacity in statisticians, medical researchers/personnel in epidemiology and biostatistics;
- cxv) To support early career researchers in their epidemiological and bio-statistical professional development.



**FACULTY PROFILE:**

S N	Name of the faculty	Sex	Designation	Qualification	Total experience (Years)	Appointment in the department as	Area of specialization
1.	Mr. Hemant J. Pawar	Male	Coordinator & Associate Professor in Biostatistics	M. Sc. (Statistics), PGDCA	25 years	Full time	Biostatistics, Demography, Population sciences, Time series analysis, Research methodology
2.	Prof. K V Somasundaram	Male	Director, Center for Social Medicine (CSM) , PIMS DU, Loni	M. Sc. (Statistics)	30 years	Adjunct Faculty	Biostatistics, Demography, Population sciences, Research methodology , Public Health etc.
3.	Dr. Mohan Pawar	Male	Professor and Head, Dept. of Forensic Medicine and Toxicology (FMT), RMC, PIMS DU,	MBBS, MD (FMT)	14 years	Adjunct Faculty	Forensic Medicine, Medical documentation, Anthropology, Occupational hazards etc.
4.	Dr. Sonali Das	Female	In-charge Director, Center for Biotechnology (CBT), PIMS DU,	Ph. D. (Biotechnology)	6 years	Adjunct Faculty	Bioinformatics and Biotechnology
5.	Dr. Anup Kharde	Male	Assistant Professor, Dept. of Community Medicine (PSM), RMC,PIMS DU	MBBS, MD (Community Medicine)	2 years	Adjunct Faculty	Community Medicine, Epidemiology, Health hazards, National and International Health programs etc.

**THRUST AREAS**

- ✓ Biostatistics and Health Informatics
- ✓ Population Science
- ✓ Epidemiology, Nutrition, Sociology
- ✓ Research Methodology
- ✓ Demography
- ✓ Rural Health
- ✓ Morbidity and Mortality
- ✓ Hospital Records / Medical documentation
- ✓ Operation Research

**STRUCTURE / FUNCTIONS:**

In order to achieve the goals and objectives set, the Department performs the following programs / functions through four Divisions (functional features)

- **Academic & Training Division**
- **Division of Research in Applied Biostatistics & Epidemiology**
- **Central Statistical Analysis Division**
- **Division of Central Medical Records & Hospital Statistics**

The Department will apply for a recognized center of few Indian and Foreign Universities for pursuing research in Biostatistics methods and Epidemiology.





## **1. Academic & Training Division:**

### 1 (a) Support to on-going academic programs at RMC and PIMS:

The primary function of the “Academic and Training Division” of the department is to work in close collaboration with other departments of various institutions under PIMS DU, (especially Community Medicine, Center for Social Medicine, Rural Dental College, College of Physiotherapy, College of Nursing, and Center for Biotechnology) to support their teaching and field work in the subject of Biostatistics and Research Methodology.

### 1(b) Short-term Training-cum-Workshops/Certificate Courses:

“Academic and Training Division” of the Department proposes to organize short duration training and certificate courses in biomedical research for medical scientists as well as statisticians, apart from providing bio-statistical services. The Department also organizes need based training courses in Biostatistics and Electronic Data Processing for students and faculty of the PIMS Institutions.

It proposes to organize Training-cum-Workshops on (i) Application of Advanced Biostatistical Methods in Public Health/Clinical Medicine, (ii) Research Methodology (iii) Medical Record Science & Management and (iv) Project Proposal Development for Faculty and Postgraduate students of the constituent college of PIMS.

## **2. Division of Research in Applied Biostatistics & Epidemiology:**

The Department supports to undertake sponsored state and national projects for assessment and evaluation of health & nutrition Programmes. Major emphasis of activities of the division is on goal-oriented statistical research in important areas like the development of appropriate tools to measure health, quality of life, living standards, health information system, developing suitable procedures for evaluation of national health programmes and Epidemiology of various diseases of national importance. For such activities department has a well equipped with a Field Unit and an Electronic Data Processing (DTP) Center.

The Research Division also extends guidance and assistance to the faculty and students of all institutions under PIMS in designing and conducting research studies and project proposals, and advice staff in data collection process and assist in data analysis and interpretation of results.

### **2 (a) Joint Research Projects with other Departments & Institutes:**

The focus of the departmental research includes development of statistical and computing methods for cross-sectional and longitudinal studies (observational, quasi-experimental and experimental), qualitative research methods. Collaborative clinical and epidemiological research in Environmental studies, Cancer, Hypertension, Maternal and Child Health, and Violence against children and women.

### **2 (b) Project on Health and Epidemiological Surveillance in Pravara Area:**

The division proposes to develop a Surveillance Project for collection, compilation and analysis of appropriate Population, Social, Health, Nutrition and Environmental, Human Development data and other Epidemiological Surveillance in PRAVARA AREA (100 villages) on a continuous scale, which facilitate monitoring of various indicators including

1. Morbidity (incidence and prevalence of selective diseases/disability/accidents/injuries) rates
2. Mortality rates (Crude Death, Infant, Child and Maternal, Disease Specific rates like HIV/AIDS, Tuberculosis, Malaria, Cancer, Coronary Heart etc)
3. Fertility rates (age-specific, gross & net reproduction)
4. Life Expectancy, Survival analysis, Patients satisfaction, Standard of Living Index (SLI), Physical Quality of Life Index (PQLI), Human Development Index (HDI), etc

## **3. Central Statistical Analysis Division:**

A Central Statistical Analysis Division for PIMS, which is a mandatory requirement of Medical Council of India (MCI) has been developed with adequate staff, equipment (Computer hardware and Software, Calculators, etc) and furniture and fixtures. The division is developing a system of regular collection, compilation, analysis and report generation from all the Constituent Colleges and Centers of PIMS-DU, and facilitate in bringing out annual reports and other special reports for submission to statutory bodies like All India Association of Affiliated Universities (AIAU), and University Grants Commission (UGC), Govt. of India etc.,

Following is the list of available statistical software's:

1. SYSTAT version 12 (By Cranes software, Bangalore)





2. Epi Info
3. Geographical Information System (GIS)
4. IN STAT
5. SPSS
6. Minitab

#### **4. Division of Central Medical Records & Hospital Statistics**

The existing Central Medical Record Department (MRD) of the Pravara Rural Hospital is an integral part of the department. Following are the functional units:

7. Central Out-Patient Department (OPD) Registration Section
8. Central In-patient Department (IPD) Registration Section
9. Hospital Statistics/Medical informatics section
10. Out-reach center registration and Follow up section

##### **4 (a) Academic and Research Assistance:**

The section strives to assist the faculty and postgraduate students in their research study by providing computerized classified hospital statistics in the form of:

9. International Statistical Classification of Diseases (ICD-10),
10. International Statistical Classification of Procedures (ICPD-10),
11. International Classification of Causes of Death

It also conducts action research studies including Patient Satisfaction Studies, Quality of Patient Care rendered, Standard of Living Index of the Hospital Patients, Hospital Management Information Systems (HMIS) etc.,

##### **4 (b) Administrative and Legal Support:**

The section will collect, compile, prepare and supply the necessary hospital performance reports like Daily OPD summary, Daily Bed State, Daily hospital census, Monthly Hospital Abstract, Hospital Annual Reports etc. to the management and administration of the Hospital. It also assists the hospital administration in conducting Medical Audit, Death Conferences and provides various reports for routine inspections of statutory bodies like MCI, DCI and UGC.

It also prepares and supplies all the necessary Hospital Statistics reports to the Public Health authorities like DHO, Civil Surgeon etc.

It helps in providing various certificates to the patients like Birth report, death report, Sickness report and other Life Insurance claims reports etc. It preserves the OPD Case papers for 3 years, IPD Case papers for 5 years and MLC papers forever and provides them as and when required to the needy (patients, administrative staff, research workers). It also supplies all the Medical Legal Case Files to the Hospital Administration or attending doctors, patients for pursuing the legal matters on the directions of the Courts.

It helps in monitoring and follow-up of all the hospital registered cases through the “out-reach” centers (PHCs/Extension OPDs) and Programmes (M.D and Mini Camps) etc.

##### **4 (c) Collection & Analysis of Hospital Statistics:**

The main function is to collect data for analysis & to prepare reports on a daily, monthly, and yearly basis for:

- i) Outpatient department,
- ii) Accident and emergency
- iii) Inpatient (i.e. wards),
- iv) Laboratory investigations (i.e. Pathology, Biochemistry, Microbiology and Blood bank etc.),
- v) Radiological investigations



**5. WORK CARRIED OUT DURING LAST FIVE YEARS**

**5 (a) ON GOING PROJECTS OF FACULTY:**

SR. NO	TITLE OF THE PROJECT	PRINCIPLE INVESTIGATOR(s)	IN COLLABORATION WITH
1.	Multivariate and survival analysis model to study oral cancer in rural area	H J Pawar / Dr. Bhushan Nikam	Dept. of Radiation Oncology, Rural Medical College, Loni
2.	Mortality trend and pattern in tertiary care hospital of rural area in Maharashtra state.	H J Pawar / Dr. Mohan Pawar	Dept. of Forensic Medicine and Toxicology (FMT), Rural Medical College, Loni

**5 (b) COMPLETED PROJECTS OF THE FACULTY:**

S. N.	TITLE OF THE PROJECT	PRINCIPLE INVESTIGATOR(s)	IN COLLABORATION WITH	DURATION
1.	Epidemiological prevalence of oral cancer in rural area of Maharashtra	H J Pawar / Dr. Shrivastava	Dept. of Oncology	2011-2012
2.	Standard of living index of patients attending outpatient departments in rural hospital, Loni	K V Somasundaram / H J Pawar	Dept. Of Medical Records / Centre for Social Medicine	2012-2013
3.	Patient satisfaction study in Pravara rural hospital, Loni	H J Pawar / Mr. D P Wagh	Dept. of Medical Records	2014-2015

**5(c) SCIENTIFIC PAPER PUBLISHED IN NATIONAL / INTERNATIONAL JOURNALS:**

Sr. No	Title / Topic	Name of the Journal	Name of the Author(s)	Year / Vol.	Page No(s)
1.	Prevalence and assessment of various risk factors among oral cancer cases in a rural area of Maharashtra state, India – An epidemiological study.	Journal of Krishna Institute of Medical Sciences University	Hemant J. Pawar, Dr. K K Singh, Dr. G B Dhumale	July-September 2015,4,3	74-81
2.	Clinico-Epidemiological profile of Oral cancer in Rural India-A hospital based study	Indian Journal of Cancer Education and Research	Hemant J. Pawar, Dr. K K Singh, Dr. G B Dhumale	July-December 2014, 2, 2	41-48
3.	Pattern, Trend, and Leading Sites of Cancer cases in a Rural area of Maharashtra state, India: A hospital based retrospective study	Indian Journal of Cancer Education and Research	Hemant J. Pawar, Dr. K K Singh, Dr. G B Dhumale	July-December 2014, 2, 2	57-62
4.	Epidemiological determinants of Oral cancer in a rural area of Maharashtra state, India	International Journal of Healthcare and Biomedical Research	Hemant J. Pawar, Dr. K K Singh, Dr. G B Dhumale	July 2014, 2, 4	186-194
5.	Relationship between socio-demographic factors and oral cancer in rural area of Maharashtra state ,India-A case control study	Indian Journal of Basic & Applied Medical Research	H J Pawar Dr.GB Dhumale Dr.KK Singh	2011/29	324-331
6.	A comparative study of whole body DWIBS MRI versus bone scan for evaluating skeletal metastases	Australian Medical Journal (AM)	Gandge SG, Kachewar SG, Aironi VD,	Sept. 2012, 1, Issue 4	725-729



			Nagpurkar AD, Pawar HJ		
7.	Study of ocular morbidity among migratory workers of sugar factory	Pravara Medical Review	Bangal S V Chitgopikar RP, Khindria A, Pawar HJ	2012,5,12	619-622
8.	Fetal middle cerebral artery peak systolic velocities in a local Indian scenario	Japan J. Radiol	S C Kachewar H J Pawar	2011/3(3)	10-12
9.	Study of diuretic and antidiabetic efficiency of tribulus terrestris (Linn.) plant extracted in alloxan induced diabetic rats	Indian Medical Gazette	C G Kamble H J Pawar	June 2011/CXL VNo.6	236-242

**5 (d) SCIENTIFIC PAPER PRESENTED IN NATIONAL/ INTERNATIONAL CONFERENCES / WORKSHOPS:**

Sr. No	Title of the paper	Name of the conference	Place	Date
1.	Clinico-Epidemiological Profile of Oral cancer in Rural Area of Maharashtra state: A Hospital Based study	75 <sup>th</sup> National conference of Indian Public Health Association IPHACON 2016	Himalayan Institute of Medical Sciences, Swami Rama Himalayan University, Jolly Grant, Dehradun, Uttarakhand	4-6 <sup>th</sup> March 2016
2.	Prevalence and assessment of various risk factors among oral cancer cases in a rural area of Maharashtra state, India – An epidemiological study.	Global Cancer Summit	Indian Institute of Science, Bengaluru	18 <sup>th</sup> to 20 <sup>th</sup> November, 2015
3.	Treasurer / Organizer	35 <sup>th</sup> Annual Conference of Association of Medical Physicist of India	Rural Medical College, PIMS-DU, Loni	20 <sup>th</sup> to 22 <sup>nd</sup> November 2014
4.	Participation / delegation	35 <sup>th</sup> Annual Conference of Association of Medical Physicist of India	Rural Medical College, PIMS-DU, Loni	20 <sup>th</sup> to 22 <sup>nd</sup> November 2014
5.	Multivariate survival analysis model and factors related to oral cancer in a rural area of Maharashtra	International Conference on Role of Statistics in the advancement of Science and Technology (on the occasion of International year of statistics)	Department of Statistics and Center for Advanced Studies, University of Pune, Pune	December 16-18, 2013
6.	Multivariate survival analysis and descriptive epidemiology of oral cancer in rural area of Maharashtra state	National conference on “Recent developments in the Applications of Reliability Theory and Survival analysis”	Department of Statistics, Pondicherry University, Puducherry	February 2-3, 2012
7.	Epidemiological determinants of oral health among tobacco chewers in a rural population in Maharashtra	39 <sup>th</sup> Annual conference of Indian Association of Preventive and Social Medicine (IAPSMCON 2012)	Govt. Medical College, Tanda, Kangra, Himachal Pradesh	February 27-29, 2012
8.	Five year survival analysis of oral cancer patients at Hospital Based Rural Cancer Registry in Maharashtra state	30 <sup>th</sup> Annual conference of Indian Society for Medical Statistics (ISMSCON 2012)	Dayanand Medical College, Ludhiana, Punjab	October 6-8, 2012



**5 (e) DETAILS OF NATIONAL / INTERNATIONAL CMEs / Symposiums etc.:**

Sr. No	Participation	Name of the CME	Place	Date
1.	Delegation / Participation	International CME in Oncopathology	Rural Medical College, PIMS-DU, Loni	January 4-5, 2014

**5(f) DETAILS OF NATIONAL / INTERNATIONAL Workshops:**

Sr. No	Participation	Name of the workshop	Place	Date
1.	Delegation / Participation	Global clinical practice (GCP) and ethics in biomedical research	Rural Medical College, PIMS-DU, Loni and Global drug development experts India pvt. Ltd.	February 20, 2014
2.	Delegation / Participation	Workshop on "Patterns of Care and Survival Studies of Cancer"	National Cancer Research Programme (NCRP), & NCDIR, Bangalore, (Govt. of India)	March 19-20, 2013
3.	Delegation / Participation	Workshop on "Patterns of Care and Survival Studies of Cancer"	National Cancer Research Programme (NCRP), & NCDIR, Bangalore, (Govt. of India)	February 6-7, 2012

**5 (g) DETAILS OF RESOURCE PERSON FOR NATIONAL / INTERNATIONAL Workshops:**

Sr. No	Resource person	Name of the workshop	Place	Date
1.	Mr. H J Pawar Resource person – Medical records and documentation	Third state level workshop on Patient safety and quality patient care	College of Nursing, PIMS-DU, Loni	October 16-17, 2015
2.	Mr. H J Pawar Resource person	Certificate course in Research Methodology	Krishna Institute of Medical Sciences University, Karad	September 9-16, 2015
3.	Mr. H J Pawar Resource person	Research Methodology	Rural Medical College, PIMS-DU, Loni	August 26-28, 2015
4.	Mr. H J Pawar Resource person	Certificate course in Research Methodology	Krishna Institute of Medical Sciences University, Karad	August 18-23, 2014
5.	Mr. H J Pawar Resource person	Certificate course in Research Methodology	Krishna Institute of Medical Sciences University, Karad	September 23-28, 2014

**5 (h) DETAILS OF FACULTY DEVELOPMENT PROGRAMME (FDPs):**

S. N	Participation	Name of the Programme	Place	Date
1.	Participation / Delegation	National level Pre-Doctoral FDP for Research proposal development (Quality Improvement Programme of Savitribai Phule Pune University)	Institute of Business Management & Administration (IBMA) PIRENS technical campus, Loni	February 27-28, 2015
2.	Participation / Delegation	FDP on MBA SEM- II CBCS Pattern	Institute of Management Studies (IMS), Ahmednagar	February 19, 2014



## **6. STRENGTH, WEAKNESS, OPPORTUNITIES, & CHALLENGES (SWOC)**

### **6. (a) STERENGTH:**

- Trained, dedicated, experienced, and competent staff
- Adequate resources (computers, software, supplies, etc)
- Good database management/record keeping
- Access to community resources
- Located in centralized area; easily accessible to other student service departments
- Good patient Records & Adequate hospital data
- Excellent consultancy services in medical education and health management
- Individualized attention to student growth
- One of the foundation programs at the college

### **6. (b) WEAKNESS:**

- Lack of space to provide optimum work areas, file storage
- Under staff and Storage space
- Vacancy replacement process
- Lack of sufficient training
- Lack of confidentiality
- Accessibility – receiving/transmitting documents
- Not being able to reach a wider population due to budget restraints.
- Need Additional Staff

### **6. (c) OPPORTUNITIES:**

- Have a protocol/ avenue of communication and discussion where adjunct concerns may be addressed
- Incorporating technology into courses
- Attend seminars (Technology, teaching methods, etc.)
- Supportive staff and administration
- Enlargement of the department
- Increase student enrolment
- Workshops throughout the year
- College/University Visitation
- Community resource referrals
- Professional development

### **6. (d) CHALLENGES:**

- Healthcare continues to be a vital part of the community.
- Patient Protection and Affordable Care
- Inability to drive the culture change required for success
- May not have adequate faculty to meet increasing demand
- Finding qualified adjunct faculty
- Changing student population
- Constant changes to technology
- Time constraints
- Non-availability of latest software's

## **7. FUTURE PLANS:**

### **7. (a) Academic Courses:**

The Academic Wing of the department proposes to offer the following academic courses:

1. Two-year Postgraduate programmme: Master of Science (M.Sc.,) in Biostatistics.
2. Postgraduate Diploma Courses in Biostatistics

### **7 (b) Short term Programs** (Certificate Programs) (from a week to three weeks duration)

1. Application of Advanced Bio-statistical Methods in Public Health/Clinical Medicine.





2. Research Methodology
3. Medical Record Science & Management

**7 (c) Establishment of Electronic Medical Record (EMR) system.**

**8. RESRACH FACILITY:**

Following are the facilities for research work:

- i. OPD/IPD (General and MLC) Case files of patients, Birth and Death records, Disease registers, ICD coding, Pregnancy related documents, cancer treatment documents, major / minor surgeries etc.
- ii. Statistical analysis software's-SYSTAT version 12, Ep Info, GIS, In Stat, Minitab, R etc.
- iii. Rural Health Centers (RHC's) data, Mobile clinics data, Outreach camps data etc.

**10. CONSULTANCY:**

Department offers consultancy services in medical education and health management. These services include diagnostic and needs assessment studies, management information and evaluation systems, strategic planning and implementation of delivery systems, hospital administration and alternative financing strategies. Statistical analysis of biomedical and health sciences research data collected by students and faculty of PIMSDU and its constituent colleges. Research questions formulated by investigators frequently require the input of Bio-statisticians to design appropriate studies.

The research projects being carried out by postgraduate and undergraduate students like M.D / M.S, M.Sc. (Medical), M.D.S, M.P.Th., M.Sc., (Medical Biotechnology), and M Sc., B.Sc., (Nursing) are provided with a constant guidance and inputs from the Bio-statisticians in the department.



## **PROBLEM BASED LEARNING (PBL)**

### **1. INTRODUCTION:**

Problem Based Learning (PBL) is a concept used to enhance multidisciplinary skills using planned problem scenarios. It is an active way of learning that teaches students problem solving skills, while at the same time allowing them to acquire basic knowledge. PBL was first introduced in the late 1960s at McMaster University in North America, and has since spread around the world mainly in medical education.

- ii. It is an active way of learning that teaches students problem solving skills, while at the same time allowing them to acquire basic knowledge.
- iii. In Problem Based Learning (PBL), small groups of students are presented with contextual situations and asked to define the problem, decide what skills and resources are necessary to investigate the problem and then pose possible solutions. Techniques that make students take an active, task-oriented, and self-directed approach to their own learning. It can also provide students with insights into the research process.
- iv. Problem Based Learning (PBL) is a curriculum development and delivery system that recognizes the need to develop problem solving skills as well as the necessity of helping students to acquire necessary knowledge and skills. PBL is not a new model of instruction. This process differs from the teacher-dominated approach used in most educational settings. PBL places students in small groups and provides a means by which they can investigate real problems.

### **2. P B L –THEORITICAL BACKGROUND**

- Student centered
- Self directed learning
- Integration- interdisciplinary learning, classical boundaries disappear
- Learning & collaboration in group
- Activation of prior knowledge
- Learning by reflection
- Providing & receiving feedback

### **3. PBL- BASIC CHARACTERISTICS**

- Learning is student / learner centred.
- Faculty assumes the role of facilitator or guide.
- Problems or learning scenarios form the basis, focus and stimulus for learning.
- New information and understanding is acquired through self directed learning.

### **4. P B L - HISTORY**

- Mc Master University in Canada , implemented PBL first time at Medical faculty (1966)
- Maastricht first in Europe (1974)
- Linköping first in Sweden (1986)
- Extended to USA, Australia, The Netherland etc..



- Now Loni first in India ! (FROM 2003)

#### **5. AIM AND OBJECTIVES:**

- To integrate knowledge and skills from a range of multidisciplinary modules
- To acquire knowledge through self-study
- To teach students how to work in groups and manage group projects
- To improve and develop transferable skills of students
- To develop problem solving skills of students
- To encourage self-motivation, curiosity and thinking
- And finally, to make learning fun!

#### **6. TOOLS IN PBL**

- Hands-on materials and kits are powerful tools to learn concepts and to test hypotheses in order to refine IDEAS.
- e.g. a scenario/problem that has a learning need about why a seed won't grow could utilize a kit to test soil samples, or water samples, or a weather study could result.
- Teachers can anticipate what may be needed so that materials are on The process can be as creative for the teacher as for the students.

#### **7. P B L – PROBLEMS / SCENARIO**

Ideas for PBL scenarios can come from almost anywhere; literature, television programming, news programs or newspapers articles. Wonderful PBL scenarios can be created by changing traditional lessons into problem-based inquiry learning. These lessons should be aligned with the curriculum for your grade level and embedded with desired learning outcomes. *A "good " Scenario should be* –Representative and realistic, Illustrative, Relevant It could be – a patient , everyday situation and others

#### **COMPONENTS OF PBL SCENARIOS:**

A loosely structured case or prompt embedded with links to desired learning outcomes i.e. standards (national, state or local). Small group cooperative learning is best, but find the model that works best for students. Use of hands-on kits and instructional materials – to test hypotheses and generate new facts based on scientific experimentation.

#### **8. THE 7-STEP PROJECT PLAN OF PBL**

The following stepped plan approach is essential in order to ensure a systematic method of working the following 7-Step Project Plan of PBL:

- Step 1: Explain unknown wording, statements and concepts
- Step 2: Define the problem(s)
- Step 3: Brainstorm - analyse/try to explain the problem(s)
- Step 4: Make a systematic inventory of explanations
- Step 5: Formulate self-study assignments

Step 6: Perform self-study assignments

Step 7: Report and evaluate on self-study.

### 9. PBL TUTORIAL PROCESS (7-STEP MODEL)

**Step 1** – Identify and clarify unfamiliar terms presented in the scenario; describe lists those that remain unexplained after discussion

**Step 2** – Define the problem or problems to be discussed; students may have different views on the issues, but all should be considered; scribe records a list of agreed problems

**Step 3** – “Brainstorming” session to discuss the problem (s), suggesting possible explanations on basis of prior knowledge; students draw on each other’s knowledge and identify areas of incomplete knowledge; scribe records all discussion

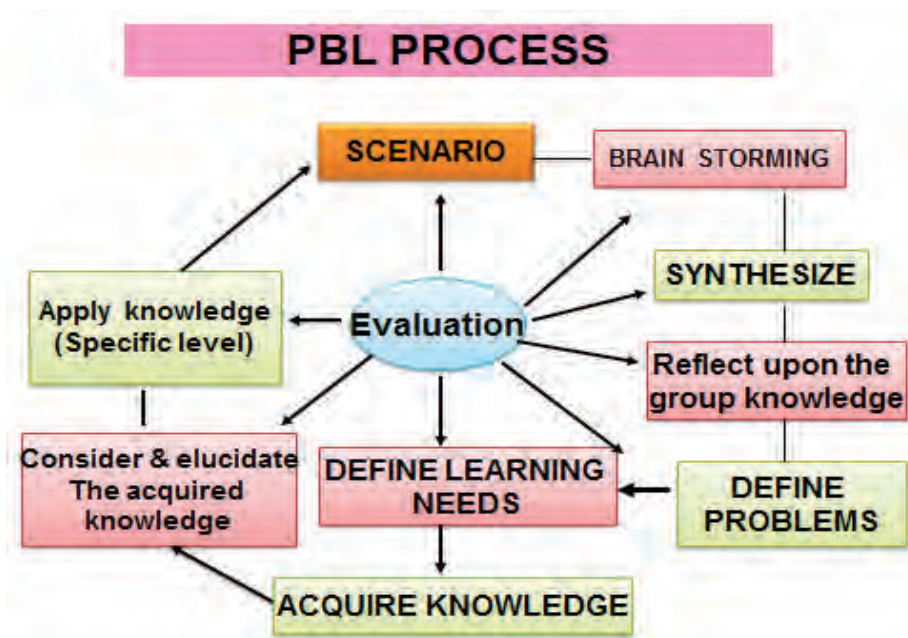
**Step 4** – Review steps 2 and 3 and arrange explanations into tentative solutions; describe organizes, the explanations and restructures if necessary.

**Step 5** – Formulate learning objectives; group reaches consensus on the learning objectives; tutor ensures learning objectives are focused, achievable, comprehensive, and appropriate

**Step 6** – Private Study (all students gather information related to each learning objective)

**Step 7** – Group shares results of private study (students identify their learning resources and share their results); tutor checks learning and may assess the group.

Tutors are selected and trained. One tutor is given the responsibility of one group. (8-10 students) More than 30 tutors are trained in four sessions.



### 10. METHODOLOGY OF P B L (PHASED MANNER) AT PIMS-DU

- Small groups of students (8-10) work with a PBL tutor or facilitator
- Groups usually meet once in a week for around 2-3 hours (as per the time table for each term).
- At the first meeting, students are presented with an unfamiliar situation or problem (scenario)
- Students identify the main issues and formulate questions to work on
- Following a period of individual study (one week) the group reconvenes.
- They discuss what they have learnt and apply this to the original problem.



- Supporting activities (labs, lectures) are timetabled as ‘fixed resource sessions’ during the period of individual study
- Tutors are selected and trained.
- One tutor is given the responsibility of one group. (8-10 students)
- More than 30 tutors are trained in four sessions.
- Three batches are practising the PBL sessions (II/I, II/II, II/III, III/I, and III/II MBBS)
- Tutors monthly meeting.

**TOPICS UNDER PBL: (PHASED MANNER)**

SR. NO.	TOPICS
<b>A.</b>	<b>FIRST YEAR MBBS</b>
1.	Health and Socio-cultural problems in India
2.	Health care delivery system in India
3.	Communication and health
4.	Environment and health
5.	Maternal and child health
6.	Nutrition and health
7.	Demography
8.	Family planning
<b>B.</b>	<b>SECOND YEAR MBBS (I,II AND III TERM)</b>
9.	Acute Respiratory infections
10.	Acute Gastro Enteritis (Diarrhoeal diseases)
11.	Typhoid,
12.	Hepatitis,
13.	Amoebiasis
14.	Pyrexia of unknown Origin(PUO),
15.	Malaria
16.	Tuberculosis
<b>C.</b>	<b>THIRD YEAR MBBS (I AND II TERM)</b>
17.	COPDs (Chronic bronchitis, Bronchiectasis, Asthma)
18.	Lung cancers
19.	Pneumonia,
20.	Pain in abdomen
21.	Protein Energy Malnutrition
22.	Sensory organs diseases (Supportive Otitis Media, Cataract, etc.)
23.	Leprosy
24.	Head ache
25.	Chest Pain





**11. Milestones.... till date:**

<b>ACTIVITIES</b>	<b>No.</b>
<b>Training workshops organized for tutors at RMC, Loni</b>	<b>06</b>
<b>No. of tutors trained at RMC, Loni during last 9 years</b>	<b>61</b>
<b>No. of Tutors availed training at Linkoping Health University, Sweden</b>	<b>22</b>
<b>No. of scenarios constructed</b>	<b>8</b>
First MBBS (with parts)	<b>18</b>
Second MBBS (with parts)	<b>18</b>
Third MBBS (with parts)	<b>18</b>
<b>No. of undergraduate students practiced PBL sessions</b>	
- (Last 6 years) (FROM August 2011 TO July 2016)	<b>757</b>
- Since August 2002 to July 2016	<b>2192</b>

---Sd/---  
Name & Signature  
(Head of the Dept.)

---Sd/---  
Name & Signature  
Dean of the College



## Dept. of Bioethics Unit



**Pravara Institute of Medical Sciences  
(Deemed University)**





**Pravara Institute of Medical Sciences  
(Deemed University)  
Bioethics unit**

**Preamble:**

The undergraduate medical education program is currently modulated and designed with a goal to create an medical graduate possessing requisite knowledge, skills, attitudes, values and responsiveness, so that he may function appropriately and effectively as a doctor of first contact of the community while being globally relevant. There are many new key areas recommended in the ATCOM module that were identified for implementation across the entire duration of the course.

In extent of order the medical graduate is not just physician but he is also leader of society, communicator as well as counselor, lifelong learner and professional who is committed for the best, ethical, responsive and accountable to society. Physician is not only person concerned with curative approach but also accountable for preventive care, holistic care, promotive and palliative care of community.

Bioethics is now at the center stage of medical education. Horizontally and vertically integrated bioethics curriculum have been designed by the foundation of the UNESCO , Bioethics core curriculum. The similar guidelines are adopted by Medical council of India and reflected in their ATCOM Module as well as MCI vision 2015 documents.

Pravara Institute of Medical Sciences ( DU) has decided to implement this concept in all its unit. Therefore the Bioethics Unit has been established in University during academic year 2015 -16. This bioethics unit is also having attachment of Indian program of the UNESCO chair and of the International Bioethics Network of the UNESCO chair in Bioethics.

**Aim & objectives:**

**Aim:**

Inclusion of the principles of bioethics in undergraduate and postgraduate medical education.

**Objectives:**

1. To monitor Bioethics teaching – Syllabus preparation, updates and modifications, regular teaching schedule
2. To coordinate students and teachers over issues of bioethics.
3. To conduct student’s activities like quiz, workshops, and seminars, street play formation etc. over issues of bioethics.
4. To promote research projects over issues of medical bioethics.
5. Participation in National/International conferences over the issue of medical bioethics
6. To increase awareness among society about bioethics .

**Establishment:**

Bioethics unit of the UNESCO Chair in bioethics Haifa has been established on 10th August 2015 at PIMS (DU) , Loni .



Dr. Russell D'Souza , Head Asia Pacific program was chief guest for this function.

**PIMS Bioethics Unit of the UNESCO chair in Bioethics (Haifa)**

**Steering Committee:**

Sr. No.	Post	Name of the Faculty	Designation
1	Patron	Shri Rajendra Vikhe Patil	Chief Executive
2	Head	Dr. S. D. Dalvi	Vice-chancellor, PIMS (DU)
3	Chairperson	Dr. R C Goyal	Dean , RMC
4	Secretary	Dr. Amol Hartalkar	Professor, Medicine
5	Member	Dr. Russell D'Souza	Head Asia Pacific program
6	Member	Dr. Mary Mathew	National chair training
7	Member	Dr. V. B. Bangal	Professor, Obst & Gynec
8	Member	Dr. J. M. Farooqui	Associate Professor, Forensic Medicine
9	Member	Dr. Rajeev Desai	Associate Professor, Anatomy
10	Member	Dr. Kusum Gandhi	Assistant Professor, Anatomy
11	Member	Dr. Motilal Tayade	Assistant Professor, Physiology
12	Member	Dr. Pramod Bhalerao	Assistant Professor, Pharmacology
13	Member	Dr. Anup Kharde	Assistant Professor, PSM
14	Member	Adv. Ramana Murthy	Legal department, PIMS (DU)

**Programmes / Courses offered:**

Bioethics teaching in UG & PG curriculum of Medical , Dental , Physiotherapy , Nursing & other constituent units of university .

**Bioethics syllabus:**

The committee has been constituted to include the syllabus at appropriate places, in all the constituent units of PIMS ( DU)

**Syllabus Highlights:**

The syllabus is prepared on the basis of guidelines declared by UNESCO & proposed guidelines of ATCOM

First year :

Basic principles of Bioethics

(Foundation course), Attitude and communication skills

Second year :



Research ethics , Public health ethics

Final year :

Sr. No.	Post	Name of the Faculty	Designation
1	Chairperson	Dr. R C Goyal	Dean , RMC
2	Secretary	Dr. N. S. Pawar	Medical Superintendent
3	Member	Dr. V. B. Bangal	Professor, Obst & Gynec
4	Member	Dr. D. H. Nandal	Professor, Pharmacology
5	Member	Dr. Gokul Jorvekar	Professor, Surgery
6	Member	Dr. Amol Hartalkar	Associate Professor, Medicine
7	Member	Dr. J. M. Farooqui	Associate Professor, Forensic Medicine
8	Member	Adv. Ramana Murthy	Legal department, PIMS (DU)

Clinical ethics , Attitude and communication skills

**PIMS Bioethics Unit of the UNESCO chair in Bioethics (Haifa)**

**Trained teaching faculty list:**

Sr. No.	Post	Name of the Faculty	Designation
1	Head	Dr. S. D. Dalvi	Vice-chancellor, PIMS (DU)
2	Chairperson	Dr. R. C. Goyal	Dean , RMC
3	Secretary	Dr. Amol Hartalkar	Professor, Medicine
4	Member	Dr. V. B. Bangal	Professor and Head , Obst & Gynec
5	Member	Dr. J. M. Farooqui	Associate Professor, FMT
6	Member	Dr. Rajeev Desai	Associate Professor, Anatomy
8	Member	Dr. Motilal Tayade	Assistant Professor, Physiology
9	Member	Dr. Pramod Bhalerao	Assistant Professor, Pharmacology
10	Member	Dr. Anup Kharde	Assistant Professor, PSM
11	Member	Dr Aruna Bhandari	Professor , Rural Dental College





12	Member	Dr Vidyasager	Professor , Rural Dental College
13	Member	Dr Deepali Hande	Associate Professor, COPT
14	Member	Dr Shrikant sant	Assistant Professor, COPT
15	Member	Dr Shivbalan	College of Nursing

**PIMS Bioethics Unit of the UNESCO chair in Bioethics (Haifa) :**

**Hospital Bioethics committee:**

**Objectives:**

1. It will actively coordinate medical students and clinicians over issues of bioethics in clinical practice.
2. Active implementation of Bioethics in clinical practice.
3. Research projects over issues of medical bioethics.
4. Creating awareness among patients.
5. Education of paramedical staff regarding ethical principles involved in various hospital procedures.

**PIMS Bioethics Unit of the UNESCO chair in Bioethics (Haifa)**

**Student's wing:**

Sr. No.	Post	Name of student	M.B.B.S. Year
1	Chairperson	Mr. Faraz Khan	Fourth
2	Secretary	Ms. Priya Bharti	Third
3	Member	Mr. Darshan Savla	Second
4	Member	Ms. Jaini Shah	Second
5	Member	Mr. Sanket Kharde	First
6	Member	Ms. Pooja Bhole	First

Student's wing for Bioethics is established under the supervision of Bioethics unit.

The student's wing coordinates and works actively with bioethics unit.

It is established with an aim to actively seeding ethics and ethical practices among students in routine.

Structure of student's wing:

Chairman – 1, Deputy

Secretary – 1

Members – 4

[Minimum one/two member/members from first, second, third and final year students]



**Objectives:**

- Student's wing will actively coordinate students and teachers over issues of bioethics.
- Active participation in student's activities like quiz, workshops, and seminars, street play formation etc. over issues of bioethics.
- Active participation in student's debate, case scenario discussion etc over issues of medical bioethics.
- Research projects over issues of medical bioethics.
- Participation in National/International conferences over the issue of medical bioethics
- Regular meet and exchange of knowledge.

**Workshop:**

Our unit conducted "Introductory workshop on Medical Bioethics" – Participated 51 faculties at university level.

**Student's participation:**

1. Students group participated in National competition – Bioethics skit at Mangalore and awarded as third prize winner – January 2016
2. Student's group run **Wall magazine – Medical Bioethics**
3. Students Group participated in **National Students conference** at D Y Patil Medical College, Pune in August 2016.

**Paper presented / Conferences / workshop attended:**

1. **Dr S D Dalvi** , Vice Chancellor , PIMS presented paper entitled "Fundamental ethical issues in unnecessary surgical procedures" In 11<sup>TH</sup> World Conference Bioethics , Medical Ethics & Health law at Naples , Italy on 20-22 October 2015
2. **8 faculty members** are trained at MUHS, Nashik & DY Patil University, Pune in National level workshop conducted by UNESCO , Haifa .
3. **Dr. Amol Hartalkar** , Professor, Department of Medicine , Completed in UNESCO Ethics Teachers' Training Course (ETTC), at SRM University, Chennai in April 2016
4. **Dr. Amol Hartalkar** , Guest faculty for conducting a session on "Ethical issues in clinical research" during Basic Research Methodology Course under MUHS, at Kamalnayan Bajaj Nursing College, Aurangabad in July 2016
5. **Dr. Amol Hartalkar** : ICH-GCP training:
  - National Institutes of Health (NIH) Office of Extramural Research certified Web-based training course in "Protecting Human Research Participants" (No. 335710).
  - Collaborative Institutional Training Initiative Good Clinical Practice Curriculum (Ref. 4625961)
  - Tri-Council Policy Statement (TCPS 2: CORE): Ethical Conduct for Research Involving Humans Course on Research Ethics.
  - ICH-GCP and Ethics in Bio-medical Research, [SMO-Global Drug Development Experts India Pvt. Ltd.].
6. **Dr S D Dalvi** , Vice chancellor , PIMS ( DU) Loni & Dr Amol Hartalkar , Professor , Department of Medicine , Awarded as Member, International Forum of Teachers ( IFT ) of UNESCO Chair in Bioethics.



**Articles published: (5)**

1. **Dr MC Tayade** ,Bioethics education in Preclinical medical curriculum: Review , International J. of Healthcare and Biomedical Research, Volume: 03, Issue: 04, July 2015, 8-12
2. **Dr MC Tayade , Dr R G Latti** , Informed consent: context in modern clinical practice, Scholars Journal of Applied Medical Sciences , Sch. J. App. Med. Sci., 2016; 4(1A):23-27
3. **Dr MC Tayade** , Clinical ethics , Pravara Medical Review , September 2015 , 7(3) , 1-4
4. **Dr MC Tayade , Dr S D Dalvi** , Fundamental ethical issues in unnecessary surgical procedures , JCDR , April 2016 , 10(4) , 1-4 [ **PUBMed** ]
5. **Dr Amol Hartalkar , Dr S D Dalvi** , Bioethics in medical education - Challenges in rural settings , Global Bioethics Enquiry 2016;4:39-41

**Books published:**

Textbook of Medical Bioethics, Attitude and Communications, For Medical students

BY - **Dr M C Tayade** from CBS Publishers , Delhi [**ISBN number: 978-81-239-2972-9** ]

This will ever be the first text book for Medical Bioethics with attitude and communication competencies required for medical students from Indian subcontinent which is based on dedicated guidelines declared by UNESCO and helpful for students for easier introduction to medical bioethics with attitude and communication competencies for doctors.

**Thrust area of Research:**

1. Analysis of achievement of knowledge of bioethics in Medical students
2. Strength and weakness of bioethics teaching in Medical students
3. Analysis of achievement of knowledge of bioethics in clinical practioners
4. Review and updates – Bioethics
5. Challenges of implementation of bioethics practices in Indian scenario

**Undergoing research projects: 02**

1. Assessment of impact of bioethics teaching in first year medical students  
Dr M C Tayade
2. Bioethics among Postgraduate students & Staff of Physiotherapy Colleges in Ahmednagar District , Dr Shrikant Sant, Dr . Mrs. V D Falake

**Extension activities:**

PMT'S Shevgaon English Medium school & Junior college, Shevgaon with PIMS Bioethics unit for implementation of bioethics in curriculum of school going children.

We are planning activities for “ The First syllabus for Youth Bioethics Education” A project from UNESCO in English medium school at Shevgaon which belongs to Pravara Medical Trust.

The school is from lower K. G. To 12<sup>th</sup> Junior college having age group of 3 years to 19<sup>th</sup> Years respectively.



The total strength of the school is 980.

This program we are willing to start from 2016-17.

The Basic objectives are seeding of ethics in school going children .

**Unique / Salient Features:**

1. The first Bioethics unit in India established in rural area.
2. The bioethics unit implemented syllabus in Regular UG teaching from the beginning.
3. The bioethics unit coordinates with active students wing
4. Regular implementation of Bioethics principles in bedside teaching for UG students
5. Resource of faculties for bioethics teaching
6. The unit to carry out extension activities in school going children.

**Best Practices:**

1. Encouragement to faculty and postgraduate students to follow principles of bioethics during routine clinical practice.
2. Identification of issues related to bioethics from hospital for academic discussion.
3. Discussion on the case studies related to bioethical issues with undergraduate and postgraduate students.
4. Selection and discussion of medical law and bioethics related clinical cases published in journals and books.
5. Conduction of clinical case discussion involving bioethical issues.
6. Arrangement of a guest lecture on bioethics for undergraduate and postgraduate students .
7. Conduction of workshop on bioethics for ward analysis , attendants and parameters on principles of bioethics.
8. Encouragement to faculty members to consult hospital bioethics committee whenever ethical dilemma arises in management of cases.
9. To conduct debates on topics related to bioethics .
10. To hold poster /Rangoli competition on issues over bioethics
11. To celebrate world bioethics day.
12. To conduct CME on bioethics
13. To involve bioethics component in university practical examination.
14. To create public awareness about bioethics through posters , banners displayed at registration counter.
15. To create awareness in society , to display posters mentioning patient right and responsibility at our extension OPDs.

**Budget allocation:**

Spend in year 2015-16 : Rs 3.20 Lakhs

Proposed budget for 2016-17 : Rs 4.00 Lakhs

**SWOC Analysis:**

**Strength:** The first bioethics unit established in rural area of India.

**Weakness:** Newly introduced topic in curriculum – experience

**Opportunity:** increase awareness about ethical issues in daily practices among students , patients and private practioners

**Challenges:** To sharpen the line of demarcation during various procedures for ethical and unethical issues.

**Future Plan:**

1. To organise an International/National conference on Bioethics.
2. Develop as training centre for faculties
3. Regular workshops/seminars on Bioethical issues in daily practices
4. Planning of training courses.



Bioethics unit of the UNESCO Chair in bioethics Haifa has been established on **10<sup>th</sup> August 2015 at PIMS ( DU) , Loni**

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**Name & Signature  
(Head of the Unit)**

----Sd/---

**Name & Signature  
Hon'ble VC**





## Dept. of e-Learning Unit



**Pravara Institute of Medical Sciences  
(Deemed University)**





**Pravara Institute of Medical Sciences  
(Deemed University)**

**E Learning Unit**

**Preamble:**

Traditionally the teaching process had been class room based and involves, didactic lectures and demonstrations in the class rooms and in the laboratory. This had a draw back of strict time schedules for the classes and at times monotonous. Although revisions are organized, they are not at the convenience of the learners. Further, the resources available were based on what was available on site and the text books in the library.

With the advent of information technology in teaching and learning process, the access to resources available has improved vastly and the teacher as well as the student can access resources in digital form from across the globe. Further, with the banning of live animal experiments in the class rooms, the necessity to use computer animated experiments and videos of the procedures in teaching in the health sciences colleges has become mandatory.

**Aims and Objectives**

The aim of creating E learning access to the users is to make the resources available in digital format which can be accessed any time from anywhere. This gives the individual access to the resources in their time of choosing which will result in better uptake and acceptance.

The resources whether they are online or offline should be available to the user round the clock which will boost the usage and benefit to the individuals.

To provide resources in the form of E books, E journals, DVDs and also online access to various journals and other resources from various agencies to provide plethora of material to the users.

To provide a platform with rich resources for the benefit of teachers and the learners with provision of robust Learning Management System to monitor and deliver the best quality of education.

To provide the required infrastructure for implementation of the same so as to make the campus to be in tune with present time.

To improve and integrate all teaching modalities with e resources in the class room and the laboratories.

**Faculty:**

The faculty of the university have been actively involved in upgrading their competence in handling e resources. The IT department of the University is instrumental in providing and maintaining the resources.

**Structure:**

The resources available in the university include the physical digital collection of DVDs of various medical literature, DVDs from various CMEs and conferences and workshops which are available in the Digital section of the University Library. Each department has its own resources of lectures and PowerPoint presentation of the syllabus and DVDs which demonstrate the various procedures.

In addition the University has collaboration with various e resources and libraries and has subscribed to the following resources which are accessible through the University Digital/ Internet section in the library.

-Inflibnet-	37 titles –	<a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a>
MUHS Digital Library-	13000 resources-	<a href="http://www.muhs.as.in">www.muhs.as.in</a>
Medlars -	77 titles -	<a href="http://www.medind.nic.in">http://www.medind.nic.in</a>



Pubmed central- 1723 titles	<a href="http://www.ncbi.nlm.nih.gov/pubmed">www.ncbi.nlm.nih.gov/pubmed</a>
Biomed Central- 291 titles-	<a href="http://www.biomedcentral.com/journals">www.biomedcentral.com/journals</a>
High wire- 1700 titles –	<a href="http://www.highwire.stanford.edu/publisher">www.highwire.stanford.edu/publisher</a>
Medknow publications-365 titles-	<a href="http://www.medknow.com">www.medknow.com</a>
WHO publications -	<a href="http://www.who.int">www.who.int</a>
Medical journals- 4832 titles-	<a href="http://www.Freemedicaljournals.com">www.Freemedicaljournals.com</a>
Dental Journals- 33 titles. -	<a href="http://www.dentalindia.com">www.dentalindia.com</a>
Nursing journals- 63 titles	<a href="http://www.righthhealth.com">www.righthhealth.com</a>
Physiotherapy journals – 04 -	<a href="http://www.gfmer.ch/medicaljournals">www.gfmer.ch/medicaljournals</a>
DOAR	<a href="http://doar.org">http://doar.org</a>

All these resources are accessible through the University website through the link to the library page. E books and journals can be accessed and downloaded if needed.

E learning modules of “ Clinical Learning” and “Animal Simulator” provided by ELSEVIER have been added to the resources. These packages contain nearly 450 modules on basic sciences and clinical aspects as well as computer animated animal experiments. These are available on online as well as offline mode. The online mode can be accessed through the university IP address in the campus including the library and the hostels which are WIFI enabled.

The lecture halls are enabled for e teaching with AV facility and access to internet. The operation theaters also can be connected to these lecture halls for live projections.

**Functions:**

E learning cell works under a designated authority who along with the faculty and MET cell try and add more facilities to the repository of resources.

Constant interaction with the IT department for upgradation of the hardware to suit the requirements.

Monitoring and implementation of the system through LMS.

Analysis of usage and remedial actions.

**Work carried out:**

The e resources through the libraries and the publishers are monitored for usage and have been made user friendly by making them all accessible through the University IP address.

The Clinical Learning package acquired from M/S Elsevier, has been made available for our users in open access also for a short period, apart from the IP based access. This is to enable more number of people access the modules.

A workshop was organized on 06 January 2016, to introduce the project to the users. The interactive session was a great success.

To motivate the students to use e learning, free access was given to the interns for the package “MyPGMEE” for a duration based period. The first 5 students were given the whole package free for one year.

First MBBS students of Rural Medical College, took part in Elseviers Basic Sciences Olympiad (EBSO) and 25 students qualified for progression to 2<sup>nd</sup> round.



First 10 students are being gifted with books for II professional by the publishers.

Monthly monitoring of usage is being carried out to assess the footfalls and improve the usage pattern.

In the month of June 2016 the usage crossed 3000 in the month.

Another online test based on the modules is being organized in the month of August 2016 namely, “Clinical learning Challenge”. This will lead to further rounds at national and Asia Pacific level. Top successful students will be awarded with Gifts and trophy.

#### **Data and Analysis:**

Usage data of the resources is analysed monthly, to understand the usage pattern and required corrective action is taken to facilitate optimum usage. Data is also analysed department wise to get better insight. In the month of Jun 2016 the usage of Clinical learning package crossed 3000.

Usage of other digital material in the library is also analysed and action taken as required.

#### **Achievements:**

With constant encouragement and awareness campaigns along with focused workshop, the usage of E learning resources has gone up. Availability of WIFI in the campus is an additional support in this endeavor.

Our students have successfully participated in the Clinical Challenge and Basic sciences competitions.

With the addition of 3 more E enabled class rooms the reach has been extended.

#### **Salient Features:**

With the addition of online and offline availability of resources, the students are able to access the contents at their own time and place. Each user has been given a separate user id and password and hence individual student’s usage profile and progress can be assessed.

In the clinical learning package, the teacher can allot separate individual assignments to the students and monitor progress. There is provision for interaction as well.

The Animal experiments package, eliminates the need for live animal usage in the laboratory.

#### **Innovations:**

Usage of the available resources in the typical class room and outside has made learning seamless and at the time the student chooses. Process of assessing the students based on the modules help in motivating the students to focus on the subject.

Programming periodical quiz and competitions and awards for performance in them has enhanced the uptake.

#### **Best practices:**

Introduction of e resources and incorporating them in the teaching learning process has enhanced the quality of teaching.

Periodic evaluation involving other institutions also gives a comparative standing of our students.

Based on the feedback and results the approach to teaching and learning is modified.

#### **Future Plans:**

With an aim to continue with our efforts to improve the quality of the learning resources available with the University the following steps are being taken for implementation.



- a) The present licensed subscription for the Elsevier product is to be renewed for a longer period, based on the encouraging result of usage and proactive participation of the vendor in providing value added contents.
- b) Package for 352 Nursing education modules to be included in the subscription
- c) Students will be participating in the inter collegiate competition, “Clinical Learning Challenge” for the students in clinical terms. These incentives will boost the usage and benefit the students.
- d) Elsevier’s online testing and assessment platform- MyPGMEE. This unique platform allows student to test & practice on multiple choice questions on all 19 medical subjects. Instead of individual subscription by students, the university is negotiating for a year long subscription for this portal through the university network.
- e) At present all the departments have Learning resource materials in the form of Power Point presentations for lectures by various authors. Our aim is to standardize them and validate the same. Once this is completed in the current academic year, we may provide stand alone kiosks in the library for use of the students at their leisure. Later, they may be made available through the university website as well, which can be accessed from any where.
- f) In future, taking it a step further, we plan to have live feed/ web cast of all our Continuing Medical Education Programmes.
- g) Provision of online interactive smart board/ dash board for classrooms is being thought of.

---Sd/---  
**Name & Signature**  
**(Head of the Unit)**

---Sd/---  
**Name & Signature**  
**Hon’ble VC**





**Dept. of Biomedical Engineering & Electronics**



**Pravara Institute of Medical Sciences  
(Deemed University)**





**Pravara Institute of Medical Sciences  
(Deemed University)**

**Biomedical Engineering and Electronics Department (BMEE)**

**PREAMBLE**

- Biomedical Engineering and Electronics Department is a team of engineering professionals working in a clinical environment to resolve technology issues related to patient care.
- Improvement in outcomes and cost effectiveness.
- The Biomedical Engineering and Electronics department functions and provides engineering services to a clinical environment supporting technology interface to reduce risks, improve patient outcomes and enhance patient care in a cost effective manner.

**MISSION STATEMENT**

To ensure electrically safe and functional equipment for patients, visitors and hospital employees through a program of continuing inspection, testing, and repairs of patient care biomedical, Electronics and Electromechanical equipment.

**JOB DESCRIPTION:**

To carry out Breakdown and Preventive Maintenance work of Hospitals and Dental Equipment's like all Biomedical, Electronics, Electromechanical, Mechanical installed in

- a. old and New Hospital Building,
- b. Rural Medical College all Equipment's,
- c. Rural Dental College all Equipment's,
- d. Physiotherapy College Equipments,
- e. OPD equipments,
- f. PHC and RHC Biomedical, Electronics and Electromechanical Equipments,
- g. RO and Aqua Guards installed in Ladies Hostel 1,2,3 ,PG Hostel and main building,
- h. Equipment installed in Ladies Hostel Mess, Boys Hostel Mess and Shankala Hostel Mess,
- i. Washing Center equipment,
- j. EPABX system and to carry out Breakdown and Preventive Maintenance of all telephone instrument sets installed to all the allotted extensions including parallel lines,
- k. 320 numbers DTH system installed in Campus ,
- l. Maintenance of Cardiac Ambulance equipment ,all other ambulance equipment,
- m. Nursing College Equipment,
- n. Maintenance of Miscellaneous equipment from Indira Kitchen, Zhunka Bhakar Kendra and Security department,
- o. Maintenance and day today operation of following Building Automation Systems,
  - Fire Alarm Systems installed in the New Hospital Building,OPD Buildings, New Rural Medical College Extension Buildings, New Lecture Hall Complex, CSSD,
  - CCTV systems installed inside the New Hospital Buildings, New Special Rooms, CSSD,OPD Buildings,
  - Pneumatic Transport Systems (PTS) for the OLD, New Hospital Building and CCL

**SERVICES OFFERED**

- Pre-Purchase Evaluations/Consulting
- Equipment Recommendations
- Purchasing Assistance
- Incoming Equipment Inspections
- Service the Equipment (Biomedical, Electronics, Dental, Electromechanical)
- Contract Management
- User In-service Training
- Regular Preventive Maintenance /Safety/Performance testing/Calibrations
- Corrective Maintenance (Repairs)
- Equipment Installations.
- Obsolescence Notifications.
- Replacement Recommendations.
- Equipment History on every equipment.
- Obsolescence Notifications.
- Replacement Recommendations.
- Equipment History on every equipment.
- Consultations of Equipment incidents.
- Construction Projects: Medical Equipment aspects and Building Automation.

**STAFF:**

**a) Engineer and Supervisor**



Sr. No.	Name	Qualification	Designation
1.	Tambe M. B.	B.E (E&TC) , M. E (App)	Electronics Engineer
2.	Thoke A.D.	D.I.E.E, D.I.E.E, D.M.E.	Jr. Electronics Engineer
3.	Bharati S.R.	Dip. In Electronics	Jr. Electronics Engineer
4.	Gholap S.S.	B.E (Instru. & Control)	Jr. Electronics Engineer
5.	Anarthe V.M.	Dip. Med. Electronics	Jr. Biomedical Engineer
6.	Shinde D.B.	Dip. Med. Electronics	Jr. Biomedical Engineer
7.	Nirmal B.N.	I.T.I-Electrician	Senior Supervisor

**b) Technician**

There are 33 Electronic Technicians in Biomedical Engineering and Electronics Department.

**Acquisition and selection of devices (Policy)**

- We follow and ensure a SOP for the acquisition and selection of appropriate devices for specific procedures.
- Agree the requirements for the intended medical procedure and/or needs of the end user.
- Safety issues and any limitations on use.
- Software compatibility with archive systems, patient records etc.
- Ease of use.
- Evaluate and assess the readability of manufacturer’s instructions.
- Availability, type and scope of training.
- Advice and help
- Ensuring the operating/environmental conditions.
- Decontamination and disposal procedures,
- The projected service life of the product and warranty details.
- Whole life costs: acquisition and operational, maintenance and consumable, training, risk, renewal and disposal costs.
- Reliability and previous performance
- Safety performance and reliability
- Maintenance support services
- Can the desired service provider maintain the device?
- How will the proposed contract or service level agreement deal with continuity of care? For example: on site repair, if needed.
- Are alternative devices available to cover periods when a device is being repaired or serviced,
- Are response times appropriate and guaranteed?
- What are the proposed servicing intervals? (Also, consider the types of checks and calibrations required between servicing intervals.).
- Are spares readily available, and for how long?
- Is service support guaranteed, and for how long?
- Documentation and monitoring.

**Policy for receiving New Device**

- Acceptance checks (BMEE is to ensuring that the specification of newly delivered devices matches the purchase order detail or tender specification).
- Record keeping.
- Scope of, checks and tests.
- Paperwork and Database.
- Visual Inspection.
- Configuration.
- Functional Check.
- Electrical (Basic Safety Check).
- Calibration and Measurement.
- Legal requirements in relation to electrical safety testing.
- Training to the end user.

**Training Policy to the End User**

- Adequate training programs which may include generic and specific training and periodic review or retraining, as required.
- We are providing training, face-to-face,



- Training for service end users, this included written guidance and that the necessary checks and actions are taken in the event of failures or faults.
- Planning training before a new medical device is introduced,.
- Appropriate record keeping of training both centrally and by individuals.
- Access to manufacturer's instructions for all users.
- Considering future training needs for when those trained directly by the manufacturer/supplier change jobs and keeping records,
- After successful training to the end users BMEE is issuing Driving License to the end users and monitoring it for renewal on yearly basis,
- Training for end users
- Training for repair and maintenance service providers
- Documentation

#### **Prioritization**

- Repair and Maintenance work is Prioritized by:
  1. Life Support / Life Saving (ventilators, Anesthesia machines, Defibrillators)
  2. Diagnostic: (Laboratory, Radiographic, Imaging)
  3. Routine Equipment (Dental Equipment's, Oscopes, exam lights)
  4. Non medical Equipment (Water Purifiers, CCTV, UPS, Inverters, TV's etc.)

#### **Policy for Maintenance and repair**

- Management policy for medical devices
  - BMEE medical device management policy is cover the provision of maintenance and repair of all medical devices, including reconditioning and refurbishment. BMEE is responsible for ensuring their medical devices are maintained appropriately.
- This includes:
  - How each device should be maintained and repaired, and by whom ?
  - Arrangements for maintenance and repair to be included as part of the assessment process
  - Arrangements for the most suitable persons/providers to carry out the work.
  - Arrangements to ensure items subject to inspection, maintenance, repair or disposal should be decontaminated beforehand
  - The timescale for planned maintenance
  - The timescale for repairs to be completed
  - Maintenance databases are validated for their intended use and functionality.
  - The frequency and type of planned preventive maintenance is specified, in line with the manufacturer's instructions and taking account of the expected usage and the environment in which it is to be used.

#### **Audit and Review**

- Random audits is carried out on all elements of maintenance, repair, record generation and storage to ensure that the correct procedures are in place and being adhered to. Audits is carried out by staff with appropriate knowledge and experience of managing medical devices.
- BMEE is also ensuring that to obtain regular feedback from all users of the device on the repair and maintenance process.

#### **Choosing appropriate maintenance and repair services**

BMEE is adopting following options in ensuring that medical devices are adequately maintained and repaired:

1. Manufacturer service Support.
2. Authorized service agents.
3. Third party service providers.
4. In-house maintenance facilities.

#### **Points to be considering for maintenance and repair services:**

- Do service providers have access to the necessary equipment and up-to-date and detailed maintenance records? Otherwise they may not be able to carry out the tasks safely and effectively.
- The track record of the service provider. How quickly can they provide a service? Will they loan devices whilst maintenance or repair is being carried out?
- What level of detail is needed in the records? It will vary with the type of device and may include, for example: calibration, preventive maintenance and trouble-shooting.
- Are full details of the repair and maintenance procedures and spare parts available?
- Are consumable materials, such as adhesives or thread locking compounds, included.

#### **The service contract**

While Service contracts with the OEM, Authorized service agency or third party BMEE ensures that,

- Reference to manufacturer's written instructions.
- Availability, source and traceability of spare parts.
- Notification of any changes, including the use of alternative spare parts or methods.
- Training of staff.
- Quality management systems.





- Requirement for adequate record keeping.
- Who is responsible under information governance when third parties and manufacturers are taking patient data from the premises.
- Use of sub-contractors.
- Response times.

#### **Planned Preventive Maintenance checklist**

- BMEE is maintaining planned maintenance of Bio-Medical / Electronics / Electromechanical equipment for this we are following sticker is affixed at the rear side of equipment,
  1. Service interval.
  2. Initial inspection.
  3. Parts replaced.
  4. Calibration.
  5. Performance and safety checks.
  6. Return-to-use.

#### **Routine maintenance by users**

- Routine maintenance by the user should ensure that the device continues to function correctly,
- Checking that it is working correctly before use
- Regular cleaning
- Specific daily/weekly checks
- Noting when it has stopped working properly or when obvious damage has occurred, and then discontinuing use
- Contacting to the relevant servicing to BMEE,
- Any problems the user finds can then be referred to a repair service. Minor changes that do not affect the safe working of the device can be recorded for attention during the preventive maintenance and user should inform to the BMEE.

#### **Training Policy to the End User**

1. By Calling OEM Application /Product specialist to the Doctors, Nurses and BMEE representative,
2. In House conducted by the Biomedical engineer.
3. By deputing team of Doctors ,nurses to the locations identified by the OEM,
4. After Successful training “Driving License” is issuing to the end users.
  - Adequate training programs which may include generic and specific training and periodic review or retraining, as required.
  - We are providing training, face-to-face,
  - Training for service end users, this included written guidance and that the necessary checks and actions are taken in the event of failures or faults.
  - Planning training before a new medical device is introduced,.
  - Appropriate record keeping of training both centrally and by individuals.
  - Access to manufacturer’s instructions for all users.
  - Considering future training needs for when those trained directly by the manufacturer/supplier change jobs and keeping records,
  - Adequate training programs which may include generic and specific training and periodic review or retraining, as required.
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  - Access to manufacturer’s instructions for all users.
  - Considering future training needs for when those trained directly by the manufacturer/supplier change jobs and keeping records,
  - After successful training to the end users BMEE is issuing Driving License to the end users and monitoring it for renewal on yearly basis,
  - Training for end users.
  - Training for repair and maintenance service providers.
  - Documentation.

#### **Breakdown Maintenance**

- This is also called the Corrective maintenance.
- This maintenance activities carried out on site by the BMEE Technician or Biomedical/Electronics engineer as on when required as per the requisition raised by the end user in written or verbal.

#### **Complaint handling mechanism**





- During Office Hours;
- 1. User should forward complaint in prescribed format by the department duly signed by the HOD, OR by e-mail OR telephonic call to the BMEE,
- 2. Unit In Charge will examine the nature of complaint and will carry out maintenance ,on site with the help of technician or himself, OR if not possible on site then he will advise the user to send the faulty equipment to the BMEE workshop,
- If on site repair: Any spares are required to be consumed from his stock. Required check to be carried in presence of end user and handed over the equipment in good working condition,
- He will close the complaint and entry made accordingly in software,
- In case in house repair not possible then service request will register to the service center of OEM,
- If Equipment is under AMC /CMC, firm engineer will visit and examine the equipment and carried out the corrective maintenance and if found in good working condition then handed over to the user,
- In case site repair is not possible OEM company engineer may advise to send the equipment to service center for further repair work,
- After duly repaired equipment will receive by the BMEE, BMEE engineer will reexamine it and if it is found correct then handed over to the end user.
- After Office Hours,
- There is provision for the end user to get the round the clock service to the defective equipment after office hours ,he /she just dial the cell number 9673007601 of ON CALL technician.

**Policy for Decommissioning and disposal of devices.**

- A policy on removal from service is an essential part of device management. At some point, all devices will need to be replaced.
- The expected life cycle of a device or piece of equipment is held in the inventory record where appropriate, and regularly reviewed against the usage, maintenance and repair record,
- Replacement criteria.
- Whether the device is damaged or worn out beyond economic repair.
- Its reliability (check service history).
- Clinical or technical obsolescence.
- Disposal due to contamination,
- Absence of manufacturer/supplier support.
- Non-availability of correct replacement parts.
- End users' opinions.
- On possible benefits of new model (features, usability, more clinically effective, lower running costs).
- Lifecycle of the medical device.
- Equipment downtime.
- Changes in clinical recommendations/standards.
- New equipment technologies and / or technological obsolescence.



**Statistics**

Sr. No.	Installation Site	Total Number of Equipment.	Total No. of Equipment under AMC/CMC
01	Hospital Building (Old and New)	1080	03
02	OPD Building	511	13
03	Rural Medical College	485	00
04	Rural Dental College	1413	02
	Total	3489	18
<b>Total Cost : Rs. 114.44 Lakhs</b>			

**LIST OF BIOMEDICAL EQUIPMENTS**

Cost Rs. 100000 TO 2500000

Sr.No	Name Of Items	Date Of Purchase	Qty	Amount	Name Of Suppliers	Location
1	A-Scan Biometer	2/7/2011	1	150000	M/S. Biomedix Optotechnik And Devices Pvt.Ltd	PRH / Ophthalmic Ward
2	Analyser Semi Automatic Bioche	17-08-2011	1	167000	M/S. Transasia Bio-Medicals Ltd., Mumbai	PRH / Ccl Biochemistry
3	Analyzer System Semi Automated Coagulation	4/8/2011	1	294000	M/S. Suyog Diagnostics Pvt. Ltd., Mumbai	PRH / Ccl Pathology
4	Anest. Monitor Wt. Anes. Gases Analyzer (Vista XI)	5/9/2011	1	491859	M/S. Drager Medical Ag And Co Kg	PRH / O.T Anesthesia
5	Anesthesia Machine ( Fabius) With Ventilator And Multi Para Monitor (Delta)	5/9/2011	1	1420927	M/S. Drager Medical Ag And Co Kg	PRH / O.T Anesthesia
6	Beam Splitter 20	7/5/2011	1	151706	M/S. Carl Zeiss Gottingen Germ	RDC / Conservative Dentistry
7	Bubble Cpap Wt Accessorie	31-10-2011	1	149175	M/S. Flowline Healthcare	PRH / Paediatric Ward Ii
8	C.T.G. Machine	30-01-2012	1	180000	M/S. Multitech Medical System P.Ltd, Pune	PRH / Maternity Ward
9	Carbon Fiber Board Curve	2/11/2011	1	279930	M/S. Scan-O-Plan System (India)	PRH / Brachetherapy
10	Casting Machine	12/4/2011	1	550000	M/S. Novo Dental Products Pvt.Ltd.	RDC / Conservative Dentistry
11	Chiller	10/6/2011	1	434306	M/S. Blue Star Ltd, (Med.Divi.)	--
12	Chiller	10/6/2011	1	434306	M/S. Blue Star	PRH /



					Ltd, (Med.Divi.)	Brachetherap y
13	Defibrillater Biphasic Mindray	6/9/2011	1	479120	M/S. Shenzhen Mindray Bio-Medical Electronics Co.Ltd.	PRH / O.T Anesthesia
14	Diathermy Unit Digital Microwave	29-03-2012	1	276806	M/S. Sunrise Industries	Cpt / Physiotherap y Dept
15	Difibrillator Biphasic Cardiac Monitor	21-02-2012	1	340000	M/S. Larsen And Toubro Ltd.	PRH / Casualty
16	Difibrillator Biphasic Cardiac Monitor	21-02-2012	1	340000	M/S. Larsen And Toubro Ltd.	--
17	Dignodent Pen	12/4/2011	1	150000	M/S. Mectron Dental Private Ltd.	RDC / Conservative Dentistry
18	Electro Torque Motor (Tlc)	16-06-2011	1	180000	M/S. Anant Agencies, Kolhapur	RDC / Conservative Dentistry
19	Endoscope Nasal 30 Digri (Karl Storz)	2/12/2011	1	160169	M/S. Chimco Bio-Medical Eng.Co,	PRH / O.T Ent
20	Ent Examination Unit	6/4/2011	1	338000	M/S. Vaansari Marketing Services	PRH / Ent OPD
21	Flexio Motion Adapter	7/5/2011	1	174580	M/S. Carl Zeiss Gottingen Germ	RDC / Conservative Dentistry
22	Gutta Purcha Heating System	22-03-2012	1	140000	M/S. Avco Consultancy Service Pvt. Ltd. Mumbai	RDC / Pedodontics
23	Hysteroscope 2.5 Mm (Flexible) Oprating Office	25-04-2011	1	594603	M/S. Karl Storz Gmbh And Co.Kg,	PRH / O.T Gyn
24	Microscope Stereo Zoom (Stemi Dv4)	10/8/2011	1	188453	M/S. Carl Zeiss Gottingen Germ	RDC / Prosthodontic
25	Microscope Surgical Operating Seiler	30-06-2011	1	1669500	M/S. Seiler Precision Microscopes	RDC / Oral Surgery
26	Microscope Trinocular	21-12-2011	1	656473	M/S. Carl Zeiss Gottingen Germ	PRH / Ccl Pathology
27	Monitor Multi Parameter	22-03-2012	2	201960	M/S. Cyronics Instruments Pvt.Ltd,	PRH / I.C.C.U.
28	Monitor Multi Parameter	7/10/2011	2	220000	M/S. Larsen And Toubro Ltd.	PRH / I.C.C.U.
29	Opg Machine Orthopantomograph	25-01-2012	1	2128172	M/S. Owandy Dental Imaging System And Software	RDC /
30	Pachymeter Sonomed	12/8/2011	1	180000	M/S. Dvs Medical Systems,	PRH / Ophthalmic OPD



31	Passive Components Wifi Unit	10/3/2012	1	244687	M/S. Future Communications, Pune	Rmc / Computer
32	Refrigerated Centrifuge	21-07-2011	1	590657	M/S. Elektrocraft (India) Pvt.Ltd.	PRH / Blood Bank
33	Sterilizer High Speed - Dabi Atlante	21-07-2011	1	132300	M/S. Chromadent Dental Equipments, Mumbai	RDC / Public Health Dentistry
34	Sterilizer High Speed - Dabi Atlante	21-07-2011	1	132300	M/S. Chromadent Dental Equipments, Mumbai	--
35	Ultra Sound Machine	22-03-2012	1	720000	M/S. United Medical Solutions, Pune	PRH / Paediatric Ward
36	Ultrasound Machine (Colour Doler) Dc-3	11/11/2011	1	650000	M/S. United Medical Solutions, Pune	PRH / Radiology
37	Ultrasound Machine Colour	20-04-2011	1	1143560	M/S. Shenzhen Mindray Bio-Medical Electronics Co.Ltd.	PRH / Radiology
38	A + B Scan System Ophthalmic	10/9/2012	1	843750	M/S. Baliwala And Homi Pvt,Ltd,	PRH / Ophthalmic OPD
39	Automatic Tissue Procesor	11/5/2012	1	289575	M/S. Vijay Trading Corporation,Shrirampur	RDC / Oral Pathology
40	Cariescan Hand Held Detection Unit	29-05-2012	1	118125	M/S. Analytical And Medical Technologies	RDC / Pedodontics
41	Cautary Electro.Sur.Alan	14-06-2012	1	106700	M/S. Alan Electronic Systems Pvt. Ltd.	PRH / O.T Instruments
42	Cautery Electro Valleylab	8/8/2012	1	525000	M/S. Yoga Enterprises,	PRH / O.T Instruments
43	Ceramic Furnace Unit	21-07-2012	1	254060	M/S. Electrothem Marketing (1978) Ltd	RDC / Prosthodontics
44	Dermatome Systems Electric - Zimmer	28-01-2013	1	379050	M/S. Intra Medical Systems Pvt. Ltd.	PRH / Burn Ward
45	Drypix Plus Camera - Fuji	7/6/2012	1	225000	M/S. Fuji Film India Pvt. Ltd.,	RDC / Oral Diagnosis
46	Hand Drill Cordless	4/1/2013	1	109125	M/S. Shreeji Surgicals, Mumbai	PRH / O.T Ortho
47	Harmonic Scalpel / Enseal Advance Bipolar	31-01-2013	1	1243125	M/S. Nissco Surgical	PRH / O.T Gyn
48	Microplate Washer Statfax	19-10-2012	1	115000	M/S. Transasia Bio-Medicals Ltd., Mumbai	PRH / Blood Bank
49	Monitor Multi	31-08-2012	1	110000	M/S. Larsen And	PRH /



	Parameter				Toubro Ltd.	Cardiac Care Unit
50	Monitor Multi Parameter	31-08-2012	1	110000	M/S. Larsen And Toubro Ltd.	PRH / Paediatric Ward Ii
51	Monitor Multi Parameter	31-08-2012	1	110000	M/S. Larsen And Toubro Ltd.	PRH / Paediatric Ward
52	Sedation N2o Unit	1/6/2012	1	354375	M/S. Analytical And Medical Technologies	RDC / Pedodontics
53	Skin Graft Mesher - Zimmer	28-01-2013	1	279300	M/S. Intra Medical Systems Pvt. Ltd.	PRH / Burn Ward
54	Sterilizer High Steam Autoclave Machine (Hosphac)	16-05-2012	1	720000	M/S. Hospharma Industries, Mumbai	PRH / Central Supply Sertilisation Department
55	Tissue Embedding And Cooling System	3/4/2012	1	112219	M/S. Medimeas Instruments	Rmc / Pathology
56	Vacuum Cushion Universal Fixation Plate	11/1/2013	1	214706	M/S. Poel Agencies,	PRH / Brachetherapy
57	Ventilator (Savina)	2/2/2013	2	1907691	M/S. Drager Medical Ag And Co Kg	PRH / I.C.C.U.
58	Ventilator (Savina)	1/1/2013	2	1894872	M/S. Drager Medical Ag And Co Kg	PRH / Cardiac Care Unit
59	Analyser Semi Automatic Bioche	12/2/2014	1	145000	M/S. Transasia Bio-Medicals Ltd., Mumbai	PRH / Ccl Biochemistry
60	Anesthesia System With B20 Multipara Monitor And Iso/Halo Vaporizer	6/9/2013	4	2400000	M/S. Wipro Ge Healthcare Pvt.Ltd.	PRH / O.T Anesthesia
61	Camera Endo 1-Ccd Endocam 5512dynamic Imag	20-04-2013	1	357275	M/S. Drake Medical Products	PRH / Gynaecology OPD
62	Camera Endo 1-Ccd Endocam 5512dynamic Imag	20-04-2013	1	357275	M/S. Drake Medical Products	PRH / Cardiac Care Unit
63	Cautary Electro.Sur.Alan	24-12-2013	1	270000	M/S. Ormed Systems, Thane	PRH / O.T Instruments
64	Control For Dxd 300 X-Ray Machine	2/7/2013	1	130781	M/S. Wipro Ge Healthcare Pvt.Ltd.	PRH / Radiology
65	Defibrillater Biphasic Mindray	22-04-2013	1	395000	M/S. Summit Healthcare Pvt.Ltd.Belgaum Branch	PRH / Cardiac Care Unit
66	Defibrillater Biphasic Mindray	22-04-2013	1	395000	M/S. Summit Healthcare Pvt.Ltd.Belgaum	PRH / Burn Ward





					Branch	
67	Defibrillator Biphasic Lifepak 20e	27-09-2013	1	395000	M/S. Summit Healthcare Pvt.Ltd.Belgaum Branch	PRH / Paediatric Ward Ii
68	Dental X-Ray Machine	11/7/2013	1	129375	M/S. Analytical And Medical Technologies	PRH / Shevgaon
69	Dental X-Ray Machine	15-06-2013	1	129375	M/S. Analytical And Medical Technologies	RDC / Conservative Dentistry
70	Dental X-Ray Machine	15-06-2013	1	129375	M/S. Analytical And Medical Technologies	RDC / Shrirampur Dental OPD
71	Dental X-Ray Machine Digital Cordless Make Dexcoin	22-10-2013	1	120000	M/S. Analytical And Medical Technologies	RDC / Public Health Dentistry
72	Dental X-Ray Machine Digital Cordless Make Dexcoin	22-10-2013	1	120000	M/S. Analytical And Medical Technologies	RDC / Conservative Dentistry
73	Dental X-Ray Machine Digital Cordless Make Dexcoin	15-06-2013	1	125000	M/S. Anant Agencies, Kolhapur	RDC / Pedodontics
74	Gastrointestinal Videoscope	11/6/2013	1	750000	M/S. Healthware Private Limited,	PRH / Medicine OPD
75	Hebu Autopsy Saw Oscillating	11/7/2013	1	165000	M/S. Span Surgical Co.	Rmc / Forensic Medicine
76	Lasers - For C.T. Simulation	1/10/2013	1	1235000	M/S. Scan-O-Plan System (India)	PRH / Brachetherapy
77	Light Soure Wt.Cable	20-04-2013	1	103748	M/S. Chimco Bio-Medical Eng.Co,	PRH / Gynaecology OPD
78	Microscope Penta Head	12/6/2013	1	450000	M/S. Lawrence And Mayo (I) Pvt. Ltd.	RDC / Oral Pathology
79	Monitor Multiparameter L And T Model -Star 50n Ertns2p	27-11-2013	1	110000	M/S. Skanray Healthcare Pvt.Ltd.	PRH / Cardiac Care Unit
80	Rvg System Complet Set	1/1/2014	1	152593	M/S. Confident Sales India Pvt. Ltd., Banglore	RDC / Public Health Dentistry
81	Rvg System Complet Set	14-06-2013	1	152593	M/S. Confident Sales India Pvt. Ltd., Banglore	RDC / Conservative Dentistry
82	Slit Lamp Biomicroscope	15-06-2013	1	172808	M/S. Appasamy Associates,	PRH / Ophthalmic OPD
83	Slit Lamp Biomicroscope	15-06-2013	1	172808	M/S. Appasamy Associates,	PRH / Ophthalmic



						OPD
84	Ventilator Evita - 4	6/4/2013	1	1266518	M/S. Drager Medical Ag And Co Kg	PRH / Paediatric Ward Ii
85	Air Sampler System	4/2/2015	1	109989	M/S. Vijay Chemical International	Rmc / Microbiology
86	Anesthesia Workstation With Ventilator Make - Drager Model-Fabius Plus	14-05-2014	1	1880750	M/S. Drager Medical Ag And Co Kg	PRH / O.T Anesthesia
87	Calmus Dual Obturatin System With Accessories Make-Dentsply	24-07-2014	1	164079	M/S. Dentsply India Pvt. Ltd.	RDC / Conservative Dentistry
88	Color Doppler Ultrasound System Fully Digital Make - Philips Modal - Clervue350 With - Two Probes	27-10-2014	1	1100000	M/S. Philips India Ltd.	PRH / Radiology
89	Color Doppler Ultrasound System Fully Digital	7/11/2014	1	1200000	M/S. Philips India Ltd.	PRH / Radiology
90	Cpu Assembly For Opg Machine	23-12-2014	1	104850	M/S. Equi Tech Engineering Pune	RDC / Oral Medicine And Radiology
91	Drill Machine Battery Operated Make - Shreeji	27-07-2014	1	101250	M/S. Shreeji Surgicals, Mumbai	PRH / O.T Ortho
92	Duro Cylinders Inox India Make	26-02-2015	1	168750	M/S. Shraddha Agencies,Sangamner	PRH / Trustee Residence
93	Hemodialysis Cyler Homechoice Automated Peritonel Make Baxter	9/1/2015	1	421875	M/S. Shree Saidatta Enterprises Pune	PRH / Trustee Residence
94	Hemodylasis Machine Make-Fresenius Medical Care Model-4008s	19-12-2014	1	625000	M/S. Fresenius Medical Care India Pvt.Ltd.	PRH / Cardiac Care Unit
95	Hemodylasis Machine Make-Fresenius Medical Care Model-4008s	10/11/2014	1	625000	M/S. Fresenius Medical Care India Pvt.Ltd.	PRH / Cardiac Care Unit
96	Infant Flow Cpap System Make - Meditrin	24-06-2014	1	122906	M/S. Meditrin Instruments	PRH / Paediatric Ward Ii
97	Infant Flow Cpap System Make - Meditrin	24-06-2014	1	122906	M/S. Meditrin Instruments	PRH / Paediatric Ward
98	Monitor Multipara Make - Drager Model-Infinity Delta Series	22-05-2014	2	1207508	M/S. Drager Medical Ag And Co Kg	PRH / O.T Anesthesia
99	Puls Oxymeter With	8/10/2014	1	110250	M/S. Emco	PRH / O.T



	Capnograph - Emco				Meditek Pvt.Ltd. Mumbai	Anesthesia
100	Rotary Air Seal - Deublin 2c028556	20-10-2014	1	121346	M/S. Kirloskar Technologies (P) Ltd.	PRH / Electronics
101	Rotary Microtome Manual Make - Leica Model-Rm2125 Rts	6/12/2014	1	468750	M/S. Dhr Holding India Pvt.Ltd. Chennai	Rmc / Anatomy
102	Stone Crushing Forceps	18-03-2015	1	113505	M/S. Karl Storez Endoscopy India Pvt. Ltd.	PRH / O.T Urology
103	Stone Crushing Forceps	18-03-2015	1	113505	M/S. Karl Storez Endoscopy India Pvt. Ltd.	PRH / Ot
104	Telescope 0 Dig 4mm Make-Storz Germany	8/12/2014	1	158231	M/S. Chimco International	PRH / O.T Ent
105	Telescope 30 Dig 4mm 27005	17-03-2015	1	105656	M/S. Karl Storez Endoscopy India Pvt. Ltd.	PRH / O.T Gyn
106	Telescope 30 Dig 4mm 27005	17-03-2015	1	105656	M/S. Karl Storez Endoscopy India Pvt. Ltd.	PRH / Ot
107	Tube Sealer Portable Make - Terumo Penpol Model - Lm100e	25-09-2014	2	292500	M/S. Apsons Polymers	PRH / Blood Bank
108	Ventilator Savina-300 Make-- Drager	1/7/2014	1	1148920	M/S. Drager Medical Ag And Co Kg	PRH / Burn Ward
109	X-Ray Machine Make-Siemens Model - Polyskop B / Multiphos 450 In_M10080208	7/11/2014	1	710000	M/S. Siemens Ltd,	PRH / Radiology
110	X-Ray Machine Portable 60ma	5/7/2014	1	500000	M/S. Siemens Ltd,	PRH / Brachetherapy
111	Biofeedback Set, Make - Medicaid, Model - Psychofeedback : Cbf - 206	9/9/2015	1	265901	M/S. Medicaid System, Chandigarh::467	PRH / Psychiatric OPD
112	Cautary Electro.Sur.Alan	16-06-2015	1	118750	M/S. Ormed Systems, Thane	PRH / O.T Emergency Gynaecology
113	Cautary Electro.Sur.Alan	16-06-2015	7	831250	M/S. Ormed Systems, Thane	PRH / O.T New Hospital
114	Defibrilator Biphasic With Monitor, Recorder, Aed Facility, And External Packing Facility	20-07-2015	1	290000	M/S. Cyronics Instruments Pvt.Ltd,	PRH / Hdu
115	Defibrilator Biphasic With Monitor,	20-07-2015	2	580000	M/S. Cyronics Instruments	PRH / Ward No 24



	Recorder, Aed Facility, And External Packing Facility				Pvt.Ltd,	
116	Defibrillator Biphasic Mindray	21-09-2015	2	582888	M/S. United Medical Solutions, Belgaum	PRH / O.T Equipment New Hospital
117	Drill Machine Orthopedic Power Make - Manman	3/11/2015	1	136589	M/S. Manman Manufacturing Co. Pvt.Ltd. Pune	PRH / O.T Ortho
118	Ect Machine With Eeg Monitor, Model - Bpe-3000.	9/9/2015	1	207704	M/S. Medicaid System, Chandigarh::467	PRH / Psychiatric OPD
119	Endoscope Paediatric With All Accessories Make Olympus	4/12/2015	1	945000	M/S. Genuine Medica Pvt Ltd, New Delhi	PRH / O.T Ent
120	Endoscope With C-Mac Monitor, Karl Storz, Cat.No.11301bnxk	22-08-2015	1	1055000	M/S. Karl Storz Endoscopy India Pvt. Ltd.	PRH / O.T Anesthesia
121	Fume Cupboard, Make - Ecolab/Diamond	28-03-2016	2	260156	M/S. Kishor Scientific Co, Pune	Rmc / Biochemistry
122	Im Injection Two In One Modelbuttok Model No.1005394	26-02-2016	1	446250	M/S. Sem Trainers And Systems	PRH / Anaesthesia
123	Incubators B.O.D. Kbi-10s Make- Kumar	2/1/2016	1	124200	M/S. Mukta Engineering Projects And Cables Pvt. Ltd.	Rmc / Microbiology
124	Linex 25 R.I.C	7/7/2015	2	349998	M/S. Sanvad Hearing Services, Latur	PRH / Trustee Residence
125	Microscope Operating Oms-710 Topcon	5/5/2015	1	1650000	M/S. Mehra Eyetech Pvt.Ltd.	PRH / O.T Ophthal
126	Nerve Stimulator	8/1/2016	1	135000	M/S. Service One, Thane	PRH / Ot
127	Nerve Stimulator	8/1/2016	1	135000	M/S. Service One, Thane	PRH / Ot
128	Nerve Stimulator	8/1/2016	2	270000	M/S. Service One, Thane	PRH / O.T Instruments
129	Opration Table Gyn./Lap. Multi Purpose Motorised, Make - Psi Legend	29-01-2016	1	367500	M/S. Palakkad Surgical Industries Pvt. Ltd., Kerala	PRH / O.T Emergency Gynaecology
130	Opration Table Gyn./Lap. Multi Purpose Motorised,	29-01-2016	2	735000	M/S. Palakkad Surgical Industries Pvt. Ltd., Kerala	PRH / O.T Equipment New Hospital
131	Opration Table Ortho Multi Purpose Motorised,	29-01-2016	1	546525	M/S. Palakkad Surgical Industries Pvt. Ltd., Kerala	PRH / O.T Equipment New Hospital
132	Opration Table Ortho Multi Purpose Motorised,	29-01-2016	1	546525	M/S. Palakkad Surgical Industries Pvt.	PRH / O.T Ortho



					Ltd., Kerala	
133	Operation Table Ortho Multi Purpose Motorised,	14-07-2015	1	546525	M/S. Palakkad Surgical Industries Pvt. Ltd., Kerala	PRH / O.T Ortho
134	Optical Coherence Tomography, Make - Zeiss,	13-06-2015	1	2200000	M/S. Carl Zeiss India ( Bangalore) Pvt.Ltd.,	PRH / Ophthalmic OPD
135	Pals Manikin Advanced Life Form Infant Crises Manikin,	26-02-2016	1	199605	M/S. Sem Trainers And Systems	PRH / Anaesthesia
136	Phaco Machine, Make-Abbott/Usa,	13-05-2015	1	1200000	M/S. Abbott Medical Optics Pvt Mtd	PRH / O.T Ophthal
137	Physiograph Student	17-04-2015	1	102619	M/S. Instrument And Chemicals Pvt.Ltd	Rmc / Pharmacology
138	Resusci Anne Qcpr Torso With Skill Guide	29-02-2016	1	162540	M/S. Laerdal Medical India Pvt. Ltd.	PRH / Anaesthesia
139	X-Ray Film Processor	28-07-2015	1	202500	M/S. D-Max Imaging Pvt. Ltd. Thane	RDC / Oral Diagnosis
140	Xray Machine 800 Ma, Make - Allenger, Model - Mars-50+/Fc/Allpose	25-02-2016	1	2300000	M/S. Allengers Medical Systems Ltd.,Mumbai	PRH / Radiology
141	Xray Machine Portable 100 Ma, Make-Skanray, Model-Skan Mobile	8/7/2015	5	1190000	M/S. Skanray Technologies Pvt Ltd, Pune	PRH / Radiology
142	Xray Machine Portable 100 Ma, Make-Skanray, Model-Skan Mobile	8/7/2015	4	952000	M/S. Skanray Technologies Pvt Ltd, Pune	PRH / Radiology
143	Xray Machine Portable 100 Ma, Make-Skanray, Model-Skan Mobile	8/7/2015	5	1190000	M/S. Skanray Technologies Pvt Ltd, Pune	PRH / Radiology
144	Xray Machine Portable 100 Ma, Make-Skanray, Model-Skan Mobile	8/7/2015	1	238000	M/S. Skanray Technologies Pvt Ltd, Pune	PRH / Radiology
145	Agm Module, Make - Drager, Model - Scio 4 Oxy Plus (Vista 120 C) Alonwith Water Trapper - 12 Nos.	21-04-2016	4	840000	M/S. Drager Medicale (India) Private Limited, Ahmedabad	PRH / O.T Anesthesia
146	Anesthesia Pendant, Make - Drager, Model - Movita (Fix For Ot No.3,4,5,6,7,And 8)	21-04-2016	6	1609650	M/S. Drager Medicale (India) Private Limited, Ahmedabad	PRH / O.T Anesthesia
147	Anesthesia Pendant, Make - Drager, Model - Movita Lift For Ot 1 And 2	21-04-2016	2	1179150	M/S. Drager Medicale (India) Private Limited, Ahmedabad	PRH / O.T Anesthesia
148	C - Arm Machine,	19-05-2016	1	925000	M/S. Siemens	PRH / O.T





	Make - Siemens, Multomobile 5e, Model - In M10078855				Ltd,	Ortho
149	Central Monitoring Station Along With Hardware	21-04-2016	1	330750	M/S. Drager Medicales (India) Private Limited, Ahmedabad	PRH / Hdu
150	Central Monitoring Station Along With Hardware	21-04-2016	1	330750	M/S. Drager Medicales (India) Private Limited, Ahmedabad	PRH / Ward No 24
151	Cpap, Make - Breath Line, Model - Res-Q-Pap	19-04-2016	2	258750	M/S. Breathelife Medical India Inc.	PRH / Paediatric Ward Ii
152	Cpap, Make - Breath Line,	19-04-2016	2	258750	M/S. Breathelife Medical India Inc.	PRH / Paediatric Ward
153	Cpap, Make - Fisher And Paykel,	12/4/2016	2	493500	M/S. Rhp Medical Services, Ahmedabad	PRH / Paediatric Ward Ii
154	Cpap, Make - Fisher And Paykel,	12/4/2016	2	493500	M/S. Rhp Medical Services, Ahmedabad	PRH / Paediatric Ward
155	Defibrillator Biphasic With Monitor, Recorder, Aed Facility, And External Packing Facility	21-04-2016	1	290000	M/S. Cyronics Instruments Pvt.Ltd,	PRH
156	Dome Light Led Double (Celling Mount)	27-05-2016	2	872274	M/S. Confident Dental Equipments Ltd., Mumbai	PRH / O.T Ortho
157	Electro Hydratulic O.T Table,	27-05-2016	2	891118	M/S. Confident Dental Equipments Ltd., Mumbai	PRH / Ot
158	Hysteroscope, Make - Karl Stroz	25-04-2016	1	240000	M/S. Karl Storez Endoscopy India Pvt. Ltd.	PRH / O.T Gyn
159	Microscope Table Mount,	17-08-2016	4	531000	M/S. Opto Fine Instruments Pvt. Ltd	--
160	Multipara Monitor Patient,	2/8/2016	1	315000	M/S. Global Medicare Systems, Surat	PRH / Special Rooms
161	Neonatal Ventilator,	21-04-2016	1	1327200	M/S. Drager Medicales (India) Private Limited, Ahmedabad	--
162	Ot Main Door Size - 1615 X 2010	20-06-2016	1	143942	M/S. Global Medicare Systems, Surat	PRH / O.T Ortho
163	Ot Main Door Size - 1630 X 1975	20-06-2016	1	143942	M/S. Global Medicare Systems, Surat	PRH / O.T Ortho
164	Patient Monitor	21-04-2016	10	2231250	M/S. Drager	PRH / Hdu



					Medicale (India) Private Limited, Ahmedabad	
165	Physiography Machine 3 Channel With Standrad Accessories, Medicaid	28-07-2016	1	126945	M/S. Medicaid System, Chandigarh::467	Rmc / Physiology
166	Polygraph Machine 4 Channels With Standerd Accessories, Medicaid	28-07-2016	2	292950	M/S. Medicaid System, Chandigarh::467	Rmc / Physiology
167	Portable Ventilator, Make - Drager, Model - Carina	21-04-2016	1	456750	M/S. Drager Medicale (India) Private Limited, Ahmedabad	PRH / Ward No 24
168	Proseal Classic	1/6/2016	1	150752	M/S. Getinge Singapore Pvt Ltd	PRH / Central Supply Setrilisation Department
169	Sd Camera For Polaris 100 / 100, Make - Drager	21-04-2016	1	248850	M/S. Drager Medicale (India) Private Limited, Ahmedabad	PRH / O.T Anesthesia
170	Semi Auto Analyser For Biochemistry, Model - Erba Chem-7	2/8/2016	1	190000	M/S. Transasia Bio-Medicals Ltd., Mumbai	--
171	Software Mx - 200 For Cardiac And Vascular Angiography System	12/4/2016	1	622450	M/S. Allengers Medical Systems Ltd	PRH / Radiology
172	Surgeon Pendant, Make - Drager, Model - Agila For Ot 1	21-04-2016	2	1053150	M/S. Drager Medicale (India) Private Limited, Ahmedabad	PRH / O.T Anesthesia
173	Table Top Steam Sterilizer - K7	1/6/2016	1	500625	M/S. Getinge Singapore Pvt Ltd	--
174	Ultrasonic Cleaner - Uc450	1/6/2016	1	325865	M/S. Getinge Singapore Pvt Ltd	PRH / Central Supply Setrilisation Department
175	Washer Disinfecter Wd 46-5-303	1/6/2016	1	1474125	M/S. Getinge Singapore Pvt Ltd	PRH / Central Supply Setrilisation Department
176	Xray Machine 800 Ma, Make - Allenger, Model - Mars-50+/Fc/Allpose	6/5/2016	1	2300000	M/S. Allengers Medical Systems Ltd.,Mumbai	PRH / Radiology
177	Defibrilator Biphasic With Monitor, Recorder, Aed Facility, And External Packing Facility	25/08/2016	1	230000	M/S. Cyronics Instruments Pvt.Ltd,	PRH



178	Resuscitaire Drager Make	21/07/2016	2	997500	M/S. Drager Medicales (India) Private Limited, Ahmedabad	PRH / O.T Anesthesia
179	ICU Ventilator Make Drager Model Savina	30/08/2016	3	2475000	M/S. Drager Medicales (India) Private Limited, Ahmedabad	PRH / ICU

<b>List of Major Equipments procured and installed at Hospital and Colleges / Centers / Units / Facilities</b>						
<b>Sr. No</b>	<b>Name of Equipment</b>	<b>Date Of Purchase</b>	<b>Name Of Supplier</b>	<b>Qty.</b>	<b>Amount Rs.</b>	<b>Location</b>
180	C.R.System Complete Set	16-03-07	Fujifilm	1	1950000	Radiology
181	Color Doppler System Soniline G-60 Siemens	01/09/06	Siemens	1	3200000	Radiology
182	D.S.A.System (Allengers)	08/02/10	Allengers	1	2704000	Radiology
183	Laser Camera Fuji	27/09/07	Fuji	1	750000	Radiology
184	Pulse Oxymeter Invio	27-09-07	Philips	1	200000	Radiology
185	Ultrasound Adv Ii Rt 3200	27/09/99	Ge	1	760000	Radiology
186	Ultrasound Machine Wt.Pro	23/05/05	Ge	1	102493.09	Radiology
187	X-Ray Machine 325.5 Xi	02/04/98	Ge	1	350000	Radiology
188	X-Ray Machine 500 M.A.	02/04/98	Ge	1	1250000	Radiology
189	X-Ray Machine 500 M.A.	08/02/10	Allenger	1	312000	Radiology
190	X-Ray Unit Mammography	14/08/07	Xtronics	1	1153125	Radiology
191	Arthroscope Complet Set	18/05/10	Everest Medical	1	1469700	O.T
192	C.Arms Machine Siemens	18/05/10	Siemens	1	1200000	O.T
193	Anaesthesia Appar.Excel80	03/06/10	Datex Omeda	1	1546560	O.T



194	Anaesthesia Syst.Fabius-3	03/06/10	Drager	1	965045.8	O.T
195	Anesthesia Machine Datex	03/06/10	Datex Omeda	1	1485000	O.T
196	Defibrillator Lp 9p Compl	03/06/10	Physio Control	1	325008	O.T
197	Monitor Blue Star Multipa	08/06/10	Mindray	1	150000	O.T
198	Monitor Multichannel Vist	03/06/10	Drager	1	538000	O.T
199	Monitor Multimodular Kapp	03/06/10	Drager	1	862000	O.T
200	Anaesthesia Appar.Excel80	03/06/10	Datex Omeda	1	1546560	O.T
201	Anaesthesia Syst.Fabius-3	03/06/10	Drager	1	965045.8	O.T
202	Act Estimator	06/05/10		1	140000	O.T
203	H.L.M.Wt.Heater Coolar Sy	06/05/10	Stocket	1	424000	O.T
204	Headlight System Complet	06/05/10	Karl Stroz	1	283461	O.T
205	Endoscopy Camera M. Pulsar	03/06/10	Pulsar	1	192192	O.T
206	Ent Surgical Microscope	03/06/10	Carl Caps	1	450797	O.T
207	Co2 Insufflator	19-05-10	Karl Stroz	1	215373	O.T
208	Co2 Insufflator	14-05-10	Karl Stroz	1	215373.6	O.T
209	Karl Storz Undrive Ii Mot	19/05/10	Karl Stroz	1	216194.7	O.T
210	Thermal Ballon Equipment	19-05-10		1	201592.8	O.T
211	C.C.D.Camera 3 Chips	04/05/10	Karl Stroz	1	631835.3	O.T
212	C.C.D.Camera Lemke Mc-405	04/05/10	Lemke	1	432620.4	O.T
213	C.C.D.Camera Lemke Mc-405	10/05/10	Lemke	1	432620.4	O.T



214	C.C.T.V.System Philips	04/05/10	Philips	1	422370	O.T
215	Cautary Machine Siemens	04/05/10	Siemens	2	380000	O.T
216	Telescope 0 Dig 4mm Make-Storz Germany	24-05-10	Karl Storz	1	147295.8	O.T
217	Uretero-Renoscope 5 Dig And 12 Dig	24/05/10	Karl Storz	2	244353	O.T
218	Hemodialysis Mach.Baxter	07/10/05	Baxter	1	616000	Ccu
219	Holtar Monitoring System	09/11/05		1	253125	Ccu
220	Monitor L And T	04/11/03	L & T	2	230000	Ccu
221	Monitor Multi Parame Monitor L And T Ter	22-10-09	L & T	2	173250	Ccu
222	Monitor Multi Parameter	10/12/07	L & T	1	285000	ICU
223	Monitor L And T		L & T			ICU
224	R.O.Plant 200 Lph	16/10/11	Neel Techno	1	182250	Ccu
225	St Computerised Treadmill	17-09-04	Rms	1	241000	ICU
226	Ventilator Evita-2 Dura	23-05-05	Drager	1	1275087	ICU
227	Ventilator Non-Invasive	26-04-06	Drager	1	289775	ICU
228	Uretero-Renoscope 5 Dig And 12 Dig	24/05/10	Karl Storz	2	244353	Ot
229	Hemodialysis Mach.Baxter	07/10/05	Baxter	1	616000	Ccu
230	Holtar Monitoring System	09/11/05		1	253125	Ccu
231	Monitor L And T	04/11/03	L & T	2	230000	ICU
232	Monitor Multi Parame Monitor L And T Ter	22-10-09	L & T	2	173250	ICU
233	Monitor Multi Parameter	10/12/07	L & T	1	285000	ICU
234	Monitor L And T		L & T			ICU
235	St Computerised	17-09-04	Rms	1	241000	Ccu





	Treadmill					
236	Ventilator Evita-2 Dura	23-05-05	Drager	1	1275087	ICU
237	Ventilator Non-Invasive	26-04-06	Drager	1	289775	ICU
238	Billi Check System	06/09/10	Sander Healthcare	1	125000	Peadatric
239	Ventilatar Babylog 8000pl	29/12/04	Drager	1	206689.9	Peadatric
240	Mortury Chambers 3 Bodies	29-08-09		1	286520	Anatomy
241	Blood Gas Ana.Premier 300	24-04-09	Instrumentation Lab	1	375000	Ccl Bio-Chemistry
242	Refrigerated Centrifuge	05/03/08		1	170000	Blood Bank
243	Sodium/Potassium Analyr	30-11-02	Easy Light	1	150000	Ccl Bio-Chemistry
244	Microscope Double Head	11/06/08	Karl Storz	1	291328.3	Pathology
245	Cabinet Bio-Safty Wt.Acce	16/06/05	Evinar Electro	1	114035.6	Biotech
246	Centrifuge Cooling	31-01-08	E Tech Rimi	1	129468	Microbiology
247	Cooling Cabinat Cap.400l	31-05-06		1	100035	
248	Deep Freezer Sanyo -86	06/08/08	Sanyo	1	214938	Microbiology
249	Incubator Co2 Sanyo	04/10/07	Sanyo	1	186088.2	Microbiology Dept
250	Incubators B.O.D. Kbi-10s Make- Kumar	27/03/06	Kumar	1	124200	Microbiology Dept
251	Micro Plate Reader Automa	13/09/99	Ark Diagnostic	1	220000	Microbiology Dept
252	Microplate Washer Sf 2600	28-09-99	Ark Diagnostic	1	185000	Microbiology Dept
253	Automatic Tissue Procesor	06/07/06	Tissue Tech.	1	805934.2	Pathology
254	C.C.D.Camera Sony	15-07-05		1	100000	P.M Room
255	Centrifuge Cyto Hettich	30-05-06	Hettich	1	290831	Pathology



256	Cryostat Wt.Knife Holder	21-11-03		1	751190	Pathology
257	Microscope Research	16-05-02	Zeiss	1	453484	Ccl Patho.
258	Microscope Trinocular	22-03-08	Carl Zeiss	1	884265.7	Pathology
259	Microscope Trinocular	02/11/98	Carl Zeiss	1	137865	Pathology
260	Spectrophotometer	23-08-05		1	286425	Pathology
261	Platlet Agitator Wt.Incub	01/04/01	Termo Penpol	1	345600	Blood Bank
262	Reader Wt.Printer Elisa	02/04/98	Ark Diagnostic	1	115000	Blood Bank
263	Reader Wt.Printer Elisa	11/05/06	Ark Diagnostic	1	185000	Blood Bank
264	Refrigerated Centrifuge	09/04/01	Rimi	1	178200	Blood Bank
265	Refrigerator Blood Bank	01/04/01		1	140400	Blood Bank
266	Tube Sealer (Composafe)	01/04/01	Composafe	1	151200	Blood Bank
267	Tube Sealer (Composafe)	05/03/03	Composafe	1	125000	Blood Bank
268	Ambu Blood Pressure Monit	13-11-06		1	143500	
269	Color Doppler Sonosite	16-12-09	Sonosite	1	1291500	Medicine . OPD
270	Eeg Machine Acquisition	26-09-08	Rms	1	182000	Medicine . OPD
271	Monitor L And T	16-04-03	L & T	1	230000	ICU
272	Monitor L And T Lunar Ert2p	23-08-01	L & T	1	223600	ICU
273	Monitor L And T Lunar Ert2p	27-08-01	L & T	1	223600	ICU
274	Monitor L And T Lunar Ert2p	08/03/03	L & T	1	181116	ICU
275	Monitor Multi Parameter	20/04/04	L & T	1	380000	ICU
276	Monitor Multi Parameter	06/11/09	L & T	2	78000	ICU
277	Monitor Multi Parameter	19-09-08	L & T	1	285000	ICU
278	Monitor Multi Parameter	07/04/06	L & T	1	380000	ICU



279	Respirator / Ventilator	02/04/98	Drager	6	400000	ICU
280	Venti. With Graphic Screen	17-01-09	Drager	1	973000	ICU
281	Ventilator (Savina)	17/01/09	Drager	3	830000	ICU
282	Ventilator Evita – 4	13-08-09	Drager	1	1038532.5	Peadatric Ward

**List Of Biomedical Equipments**

Cost Rs. 25,00000 TO 50,00000

Sr.No	Name Of Items	Date Of Purchase	Qty	Amount	Name Of Suppliers	Location
1	Ventilator (Savina)	1/1/2013	4	3850459	M/S. Drager Medical Ag And Co Kg	PRH / I.C.C.U.
2	Dosimetry Accessories Imrt Verification System Laptop-Innova, Water Phantom 30x30x30, Tharmameter	22-10-2013	1	3691611	M/S. Iba Dosimetry Gmbh,	PRH / Brachetherapy
3	Patient Monitor, Make - Drager, Model - Vista-120- Ms 30216 With Provision Of Interfacting Facility Of EtcO2 Module Central Networking	21-04-2016	14	3123750	M/S. Drager Medicale (India) Private Limited, Ahmedabad	PRH / Ward No 24
4	Surgical Light, Make - Drager, Model - Polaris 560 / 500 With H.D. Camera In The Dome For Ot 1	21-04-2016	1	2772000	M/S. Drager Medicale (India) Private Limited, Ahmedabad	PRH / O.T Anesthesia
5	Dosimeter Relative	5/10/2011	1	4250000	M/S. Scan-O-Plan System (India)	PRH / Radiation Oncology
6	Ventilator Evita XI	21/07/2016	2	3150000	M/S. Drager Medical Ag And Co Kg	PRH / Paediatric



**LIST OF BIOMEDICAL EQUIPMENT**

Cost Rs. 50,00000 TO 1,00,00000

Sr.No	Name Of Items	Date Of Purchase	Qty	Amount	Name Of Suppliers	Location
1	Anesthesia Workstation, Make - Drager, Model - Primus With Pendant Mounting On Movita	21-04-2016	2	5985000	M/S. Drager Medicales (India) Private Limited, Ahmedabad	Prh / O.T Anesthesia
2	Basic Anesthesia Machine, Make - Drager, Model - Fabius Plus With Model - Vista - 120 - Ms 30216 Multipara Monitor	21-04-2016	6	8316000	M/S. Drager Medicales (India) Private Limited, Ahmedabad	Prh / O.T Anesthesia
3	Castle By Getinge Steam Sterillizer, Smart S Double Door 740 Ltr	1/6/2016	2	6610606	M/S. Getinge Singapore Pvt Ltd	Prh / Central Supply Setrilisation Department
4	Surgical Light, Make - Drager, Model - Polaris 100 / 100 With Third Arm	21-04-2016	7	5880000	M/S. Drager Medicales (India) Private Limited, Ahmedabad	Prh / O.T Anesthesia

**LIST OF BIOMEDICAL EQUIPMENT**

ABOVE 1 CR.

Sr.No	Name Of Items	Date Of Purchase	Qty	Amount	Name Of Suppliers	Location
1	Ct Scan Systems Siemens Make 64 Rows 128 Slice With Ups 80 Kva, Dual Head Pressure Injector, Lead Glass, Chair Revolving -4, Hp Colour Laser Printer, Biopsy Slave Monitor	25-10-2013	1	32800000	M/S. Siemens Ltd., Healthcare Sector	Prh / Radiology
2	Non Modular O.T.	22-06-2016	7	22723600	M/S. Global Medicare Systems, Surat	Prh / Ot
3	Linear Accelerator With All Accessories	1/11/2012	1	35803834	M/S. Varian Medical Systems International (I) Pvt.Ltd	Prh / Brachetherapy
4	Modular Operation Theatre	30/08/2016	1	16500000	M/S. Drager Medicales (India) Private Limited, Ahmedabad	Prh / Ot
5	Medical Gas Pipeline System	30/08/2016	1	26148522	M/S. Drager Medicales (India) Private Limited,	Prh



					Ahmedabad	
6	Icu Ventilator - Savina 300	30/08/2016	12	12960000	M/S. Drager Medicales (India) Private Limited, Ahmedabad	Prh / Icu
7	Mri System Achiva 1.5 Tel	18/12/2007	1	4.09e+07	Philips	Radiology

**LIST OF ELECTRONICS EQUIPMENTS**

Cost Rs. 1,00000 TO 25,00000

Sr.No	Name Of Items	Date Of Purchase	Qty	Amount	Name Of Suppliers	Location
1	Chapatti Making Machine Fullyautomatic	29-10-2012	1	374100	M/S. Om Sai Innovations	Rmc / Ladies Hostel
2	Ups 30 Kva Numeric Make	1/11/2012	1	378000	M/S. Varian Medical Systems International (I) Pvt.Ltd	Prh / Brachetherapy
3	R.O.Plant 200 Lph	8/6/2011	1	182250	M/S. Neel Techno Sales And Services	Prh / Cardiac Care Unit
4	Ups 25 Kva	10/9/2011	1	343391	M/S. Consul Consolidated Pvt. Ltd.,Chennai	Prh / Brachetherapy
5	Washing Machine 45 Kg.Ramsons	2/2/2012	1	573560	M/S. Ramsons Garments Finishing Equipment Pvt. Ltd. Banglore	Prh / Washing Machine
6	Plate Washing M/C Hood Type Make Suyog	19-12-2013	1	245700	M/S. Suyog Equipments Pvt. Ltd.	Rmc / Ladies Hostel
7	Plate Washing M/C Hood Type Make Suyog	19-12-2013	1	245700	M/S. Suyog Equipments Pvt. Ltd.	Rmc / Rmo Hostel
8	R.O.Plant 250 Lph	27-06-2013	1	130000	M/S. Gurukrupa Distributor, Kopargaon	Rmc / Ladies Hostel
9	Sauna Bath And Steam Bath System With All Accessoriies	10/2/2014	1	530000	M/S. Steamers India	Rmc / Ladies Hostel-Pg
10	Bed Bs Mx 3 Icu Motorized With Mattress	24-03-2015	1	115470	M/S. Quali Surge Surgical Pvt. Ltd. Pune	Prh / Trustee Residence
11	Blood Donor Chair Therapeutic -Remi	8/8/2014	1	124313	M/S. Remi Sales And Engineering Ltd.	Prh / Blood Bank
12	Chapatti Making Machine Fullyautomatic	24-03-2015	1	342000	M/S. Om Sai Innovations	Prh / Indira Kitchen
13	Plate Washing Macine Hood Type Suyog	7/11/2014	1	245700	M/S. Suyog Equipments Pvt. Ltd.	Rmc / Ladies Hostel-Pg
14	Plate Washing Macine	7/11/2014	1	245700	M/S. Suyog	Rmc / Ladies





	Hood Type Suyog				Equipments Pvt. Ltd.	Hostel
15	R.O.Plant 250 Lph	5/4/2014	1	122625	M/S. Mayur Solar Agencies, Loni.	Rmc / Rmo Hostel
16	Washing Machine 60 Kg.Ramsons Model-Rvwe 60	11/12/2014	1	1149997	M/S. Ramsons Garments Finishing Equipment Pvt. Ltd. Banglore	Prh / Washing Machine
17	Bed Bs M X 2 Icu Motorized With Mattress	5/11/2015	1	115470	M/S. Quali Surge Surgical Pvt. Ltd. Pune	Prh
18	Bed Bs M X 2 Icu Motorized With Mattress	13-07-2015	1	115470	M/S. Quali Surge Surgical Pvt. Ltd. Pune	Prh
19	Bed Bs M X 2 Icu Motorized With Mattress	13-07-2015	1	115470	M/S. Quali Surge Surgical Pvt. Ltd. Pune	Prh
20	Bed Bs M X 2 Icu Motorized With Mattress	5/11/2015	1	115470	M/S. Quali Surge Surgical Pvt. Ltd. Pune	Prh
21	Cable Cross Over, Make- Body Solid, Model - Gdcc 250 Cable	12/10/2015	1	127415	M/S. Elegance Fitness Management Solution	Rmc / Gymkhana
22	Chapatti Making Machine Fullyautomatic	11/12/2015	1	343500	M/S. Om Sai Innovations	Rmc / Boys Hostel
23	Chapatti Making Machine Fullyautomatic	11/12/2015	1	343500	M/S. Om Sai Innovations	Rmc / Rmo Hostel
24	Csu Heavy Load Dual Double Arm System	5/12/2015	1	146250	M/S. Medi- Rail Systems	Prh / Electronics
25	Hdmi Scaler 4 Input	23-03-2016	2	220284	M/S. Progility Technologies Pvt. Ltd., Mumbai	Rmc / A.O Rmc Office
26	Leg Press, Make - Body Solid, Model - Glp Stk	21-10-2015	1	106165	M/S. Elegance Fitness Management Solution	Rmc / Gymkhana
27	Plate Washing Macine Hood Type Suyog	29-01-2016	1	299250	M/S. Purafil Engineers (India)P.Ltd. Pune	Rmc / Guest House - New
28	R.O. Plant 500 Lph	20-10-2015	1	225000	M/S. Gurukrupa Distributor, Kopargaon	Prh / Trustee Residence
29	R.O. Plant 500 Lph	9/11/2015	2	500000	M/S. Gurukrupa Distributor, Kopargaon	Prh / A.O Prh Office
30	R.O. Plant 500 Lph	10/3/2016	2	500000	M/S. Gurukrupa Distributor, Kopargaon	Prh / A.O Prh Office
31	R.O. Plant 500 Lph	3/12/2015	1	250000	M/S. Gurukrupa Distributor, Kopargaon	Prh / Shevgaon
32	R.O. Plant 500 Lph	14-08-2015	1	250000	M/S. Gurukrupa Distributor, Kopargaon	Prh / Shevgaon



33	R.O. Plant 500 Lph	14-11-2015	2	500000	M/S. Gurukrupa Distributor, Kopargaon	Rmc / Ladies Hostel
34	Smith Machine, Make - Body Solid, Model - Gs 348 Q	12/10/2015	1	114665	M/S. Elegance Fitness Management Solution	Rmc / Gymkhana
35	Trademilll Make - Fitking, Model - W-890	12/10/2015	2	225000	M/S. Elegance Fitness Management Solution	Rmc / Gymkhana
36	Trademilll Make - Fitking, Model - W-890	8/3/2016	1	112500	M/S. Elegance Fitness Management Solution	Rmc / Gymkhana
37	Ups 30 Kva On Line, Make Emerson	11/12/2015	2	684534	M/S. Microtronics, Aurangabad	Prh / Electronics
38	Ups 40 Kva Online 3 Phase	11/12/2015	1	409598	M/S. Microtronics, Aurangabad	Prh / Electronics
39	Video Camera Panasonic	26-02-2016	1	111000	M/S. Surana Traders, Pune	Rdc / Art & Photography-Rdc
40	Wireless Module	23-03-2016	2	338855	M/S. Progility Technologies Pvt. Ltd., Mumbai	Rmc / A.O Rmc Office
41	10 Loop Panel With 8 Loop Card For Fire Alarm System	25-07-2016	1	430650	M/S. Global I Catcher, Mumbai	Prh / Electronics
42	8 Zone Ip Based Public Addressable Controller For Fire Alarm System	25-07-2016	1	212063	M/S. Global I Catcher, Mumbai	Prh / Electronics
43	Accessories Lot Of Dome Camera Fitting	9/4/2016	1	384000	M/S. Secured Lines, Mumbai	Prh / Electronics
44	Fiber Accessories	9/4/2016	1	144000	M/S. Secured Lines, Mumbai	Prh / Electronics
45	Lactern, Make - Custom, Model - Podium	17-06-2016	2	216869	M/S. Progility Technologies Pvt. Ltd., Mumbai	Rmc / Lecture Hall New
46	Lift For Tata Winger, 350 Kg Cap.	7/7/2016	1	556875	M/S. Kamthe Automotive, Pune	Prh / Vehicle Prh
47	Manual Trolley Wash Unit	1/6/2016	1	129781	M/S. Getinge Singapore Pvt Ltd	Prh / Central Supply Setrilisation Department
48	Power Amplifier, Make - Pinto, Model - 10000q	12/8/2016	2	346500	M/S. Pinto Electronics, Narayngaon	Rmc / Lecture Hall New
49	Processor Digital, Make - Biamp, Model - Nexia Tc	12/8/2016	2	256500	M/S. Pinto Electronics, Narayngaon	Rmc / Lecture Hall New
50	R.O. Plant 500 Lph	11/4/2016	1	250000	M/S. Gurukrupa Distributor, Kopargaon	Prh / Central Supply Setrilisation Department
51	Subwoofer Arrayble, Make - Pinto, Model - Sw 181	12/8/2016	2	207000	M/S. Pinto Electronics, Narayngaon	Rmc / Lecture Hall New



52	Tri - Amplified Midsize 3 Way, Make - Pinto, Model - P212462	12/8/2016	2	382500	M/S. Pinto Electronics, Narayngaon	Rmc / Lecture Hall New
53	Speaker Box Line Array Pinto	6/8/2016	6	1020000	M/S. Pinto Electronics, Narayngaon	Rmc / Lecture Hall New
54	Power Amplifier, Make - Pinto, Model - 10000q	6/8/2016	4	616000	M/S. Pinto Electronics, Narayngaon	Rmc / Lecture Hall New
55	Ro & Cooler 100 Ltr With Coin Box	11/7/2016	1	183750	M/S. Hi-Tech Sweet Water Tech. Pvt.Ltd	Prh
56	Bio Chemistry Analyser Chem-7	1/8/2016	1	170000	M/S. Transasia Bio Medical Ltd.	Prh
57	Grossing Work Station With Formullin Fume Exhaust System, Make - Apzem	4/8/2016	1	700000	M/S. Apzem India Engineering	Rmc / Pathology
58	Switch 24 Port L3 Core, Make - Cisco, Model - C3650	9/4/2016	1	196560	M/S. Secured Lines, Mumbai	Prh / Electronics
59	Switch San, Make - Dell, Model - Brocade300	9/4/2016	2	838656	M/S. Secured Lines, Mumbai	Prh / Electronics

**List Of Electronic Equipment**

Cost Rs.-25,00000 To 50,00000

Sr.No	Name Of Items	Date Of Purchase	Qty	Amount	Name Of Suppliers	Location
1	Recording Server, Make - Dell, Model - R630	9/4/2016	5	3861000	M/S. Secured Lines, Mumbai	Prh
2	Recording Storage, Make - Dell, Model - Md3	9/4/2016	1	4914000	M/S. Secured Lines, Mumbai	Prh

**List Of Electronic Equipment**

Above 1 Cr.

Sr.No	Name Of Items	Date Of Purchase	Qty	Amount	Name Of Suppliers	Location
1	Pneumatic Tube System Ac 3000, Od 110, 51 Stations, 4 Blowers, Rfid System With Material, Make- Aerocom, Gmbh, Germany, Model- Ac3000	26-02-2016	1	10800000	M/S. Protos Engineering Co. Pvt. Ltd	Prh / Electronics

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**Name & Signature  
(Head of the Dept.)**

---Sd/---

**Name & Signature  
Dean of the College**



Pravara Institute of Medical Sciences  
Deemed University

PHOTO GALLERY





Constituent Institutions

# Rural Dental College, Loni















Constituent Institutions

# College of Nursing





# Paramedical Education







Constituent Institutions

# Center For Biotechnology, Loni





Constituent Institutions

# Center for Social Medicine, Loni



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Dr. Balasaheb Vikhe Patil, President, Pravara Medical Trust, Loni, Receiving the **Padma Bhushan Award** on 31st March 2010 from Hon'ble her Excellency President of India, Shrimati Pratibhatai Patil.



**"Vayoshrestha Samman (National Award) - 2015"** Under Institutional Category for best institution for providing services to Senior Citizen & Awareness generation on 01 Oct. 2015 at Vigyan Bhawan, New Delhi by his Excellency President of India Hon'ble Shri. Pranab Mukherjee.





"Ten years of growth since this was first started, has not only shown marked growth but has begun to change the countryside. I would like people from other states to come here and see how a real co-operative is organised and run. This is an example for all India."

Jawaharlal Nehru  
15<sup>th</sup> May 1961



## Pravara Institute of Medical Sciences (Deemed University)

Established Under Section 3 of UG Act, 1956, vide MHRD notification no. F-9-11/2000-U.3, dated 29th September 2003

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