

Pravara Institute of Medical Sciences,
(Deemed University)
Loni. 413 736, Maharashtra.

**RULES AND REGULATIONS FOR THE COURSE OF
BACHELOR OF DENTAL SURGERY (B.D.S.)**

1. General :

These rules and regulations are framed as per directives of Dental Council of India and MOA of Pravara Institute of Medical Sciences.

2. Faculty :

This course shall be under the Dental Faculty.

3. Nomenclature of Degree :

Bachelor of Dental Surgery (B.D.S.)

4. Conditions for Admission to B.D.S. Course:

4.1 The candidate has completed the age of 17 years at the time of admission or will complete this age on or before 31st December for the year of his admission.

4.2 Must have passed the two years Intermediate or Higher Secondary (10+2 pattern) or Equivalent Examination thereof with Science subjects viz Physics, Chemistry and Biology (or Botany and Zoology) from a statutory University or Pre-University Intermediate Board or State Higher Secondary Examination Board and should have secured 50% marks in the aggregate of Physics, Chemistry and Biology (or Botany and Zoology) and with English as one of the subject.

4.3 For Scheduled Castes / Schedule Tribes, the minimum marks required for admission shall be 40% in lieu of 50% for general candidates.

4.4 The candidate should be medically fit.

5. Duration of the course:

Duration of the B.D.S. course will be four academic years followed by one-year compulsory rotational Internship in the Dental Colleges.

6. Selection of students for B.D.S Course:

6.1 The selection of students to B.D.S. Course shall be based on the merit of the candidate and for determination of merit All India Common Entrance Test (AICET) will be conducted by Pravara Institute of Medical Sciences or by the agency specified by the University Grants Commission, New Delhi.

- 6.2 To be eligible for selection through All India Common Entrance Test (AICET) a candidate must be enumerated in the Rule (4) above:

Provided that the candidate who has appeared in a qualifying examination and the result of which has not been declared, he/she may be provisionally allowed to appear for competitive entrance examination and in case of his selection, for admission to dental course, he shall not be admitted thereto unless in the meanwhile has passed the qualifying examination.

Provided also that a candidate for admission to B.D.S. course must have obtained not less than 50% marks in the AICET conducted by Pravara Institute of Medical Sciences or by agency specified by University Grants Commission.

Provided further that in respect of candidates belonging to Schedule Castes / Scheduled Tribes, the minimum marks required for admission shall be 40% in lieu of 50% for general candidate.

7. Dental Curriculum:

- 7.1 The aim and objective of the B.D.S. curriculum is to produce a Dentist who is socially acceptable and is able to work safely and effectively on patients in diagnosis, prevention and treatment of dental and oral diseases and should have social commitment.
- 7.2 To produce a dental graduate who is capable of functioning effectively both under the rural and urban setting shall be main objective of the dental curriculum and emphasis shall be placed in fundamental aspects on the subjects taught and on common problems of health and diseases avoiding unnecessary details and areas of specification.
- 7.3 The education process shall be an evolving one and not merely process of acquisition of a large number of disjointed facts.
- 7.4 There shall be less emphasis on didactic lectures and major part of the learning time should be devoted to demonstrations, group discussions, seminars, clinical work and conferences.
- 7.5 There shall be frequent internal assessment tests so that the process of learning would be a continuous one and not sporadic.
- 7.6 Careful record of work of student shall be maintained which would form the base for internal assessment.
- 7.7 Attempt should be made to encourage the students to participate in group discussions and seminars to enable them to develop expression, building of character and power of personality and other qualities essential for a dental graduate to serve the community and nation effectively.

8. Structure of B.D.S. course:

8.1 The B.D.S. curriculum shall be taught within four academic years with following distribution.

A) First Year B.D.S. course:

Sr. No.	Subject/courses	Code No.
1.	a) General Human Anatomy, including Embryology and Histology	DU 101
	b) General Human Anatomy, Embryology and Histology Practicals	DU 111
2.	a) General Human Physiology and Biochemistry	DU 102
	b) General Human Physiology and Biochemistry Practicals	DU 112
3.	a) Dental Materials	DU 103
	b) Dental Materials Practicals	DU 113

B) Second Year B.D.S. Course:

Sr. No.	Subject/courses	Code No.
1.	a) General Pathology and Microbiology	DU 201
	b) General Pathology and Microbiology Practicals	DU 211
2.	a) Human Oral Anatomy including Embryology and Histology	DU 202
	b) Human Oral Anatomy, Embryology and Histology Practicals	DU 212
3.	a) General and Dental Pharmacology and Therapeutics	DU 203
	b) General and Dental Pharmacology and Therapeutics Practicals	DU 213
4.	Preclinical Prosthetics Practicals	DU 214
5.	Preclinical Conservative Dentistry Practicals	DU 215

C) Third Year B.D.S Course:

Sr. No.	Subject/courses	Code No.
1.	a) General Medicine	DU 301
	b) General Medicine Practicals	DU 311
2.	a) General Surgery	DU 302
	b) General Surgery Practicals	DU 312
3.	a) Oral Pathology and Microbiology	DU 303
	b) Oral Pathology and Microbiology Practicals	DU 313
4.	a) Preventive and Community Dentistry	DU 304
	b) Preventive and Community Dentistry Practicals	DU 314

D) Fourth Year B.D.S. course:

Sr. No.	Subject/courses	Code No.
1.	a) Prosthodontics and Crown and Bridge	DU 401
	b) Prosthodontics, Crown and Bridge Practicals	DU 411
2.	a) Conservative Dentistry including Endodontics	DU 402
	b) Conservative Dentistry and Endodontics Practicals	DU 412
3.	a) Pedodontics	DU 403
	b) Pedodontics Practicals	DU 413
4.	a) Oral Surgery	DU 404
	b) Oral Surgery Practicals	DU 414
5.	a) Periodontics	DU 405
	b) Periodontics Practicals	DU 415
6.	a) Orthodontics	DU 406
	b) Orthodontics Practicals	DU 416
7.	a) Oral Medicine (Oral Diagnosis) and Radiology	DU 407
	b) Oral Medicine(Oral Diagnosis) and Radiology Practicals	DU 417

- 8.2 The Practical work includes the clinical work wherever applicable.
- 8.3 The student shall not be allowed to study the courses of next year unless he has successfully completed the previous B.D.S. Examination.
- 8.4 There shall be no ATKT provision,
- 8.5 Internship : Every candidate will be required, after passing the Final Year of B.D.S. Examination, to undergo one year's rotational Internship in the Dental College.

9. Minimum Working Hours for Each Subject / Course of Study.

The minimum working hours for each subject / course of study shall be as shown below.

Year	Subject / Course	Hours of			Total
		Lectures	Practical	Clinical Work	
First Year	1 General Human Anatomy including Embryology and Histology	70	130	-	200
	2 General Human Physiology and Biochemistry	50 (Phy) 25 (Bio)	40 30	-	145
	3 Dental Materials	40	60	-	100
Second Year	1 General Pathology and Microbiology	45(Path) 30 (Bio)	60 60	-	195
	2 Human Oral Anatomy including Embryology and Histology Physiology	40	90	-	130
	3 General and Dental Pharmacology and Therapeutics	40	20	-	60
Third Year	1 General Medicine	40	90	(90)	130
	2 General Surgery	40	90	(90)	130
	3 Oral Pathology and Microbiology	50	90	-	140
	4 Preventive and Community Dentistry	30	100	-	130

Fourth Year	1	Prosthodontics and Crown and Bridge	100	900	(540)	1000
	2	Conservative Dentistry including Endodontics	70	600	(360)	670
	3	Pedodontics	40	150	(100)	190
	4	Oral Surgery	60	220	(150)	280
	5	Periodontics	45	205	(150)	250
	6	Orthodontics	40	150	(120)	190
	7	Oral Medicine (Oral Diagnosis) and Radiology	40	90	(90)	130
		Total	890	3145	(1690)*	4035

* Clinical work may be distributed during 3rd and 4th year.

9.1: The teaching of subject may be spread over one or more terms (one or more classes of B.D.S) depending upon local facilities taking care that no excessive load is placed on candidates during one year.

9.2: 75% attendance in theory lectures and 80% attendance in Practical and Clinical work is a must for qualifying to appear for the PIMS Examination.

10. Eligibility for Appearing for P.I.M.S. Examination

- 10.1 No student shall be allowed to appear for the Final University Examination conducted by P.I.M.S. unless he satisfies the requirement of attendance (75% Lectures, 80% Practicals and clinics in each subject / course, progress and conduct as stipulated by the Pravara Institute of Medical Sciences.
- 10.2 No student shall be allowed to appear for the University Examination unless he obtains 35% marks in the Internal Assessment in each subject / course separately.
- 10.3 With a view to expose the students to problems of rural and semi-urban areas, field programmes equivalent to 100 hours during the third and final years are compulsory for each student.
- 10.4 The Dean / Principal should certify that the candidate appearing for University Examination satisfies the conditions stipulated in Rules (10.1) to (10.3)

11. Scheme of Examination

The Examinations are to be conducted to assess whether the candidate has acquired the necessary minimum skill and clear concepts of the fundamentals essential to his day to day professional work.

- 11.1 The Examination shall be held twice a year.

11.2 The students desirous for appearing for the University Examination shall submit the application form duly filled along with prescribed examination fee. Incomplete application forms or application form submitted without prescribed fee or application form submitted after due date will be rejected and student shall not be allowed to appear for the examination.

11.3 The student appearing for the University Examination should satisfy the conditions stipulated in Rule (10) above.

11.4 a) Students shall be examined in each subject / course as per following scheme.

	Theory	Practical
University Examination	Written 100 Marks Oral 25 Marks	75 Marks
Internal Assessment	25 Marks	25 Marks
	Total 150 Marks	100 Marks
	Subject Total	250 Marks

11.5 Each theory paper will be of three hours of duration and each practical / clinical examination shall not exceed three hours of duration.

11.6 Not more than 20 candidates in clinical or practical should be examined in a day.

12. Rules of Passing:

- a. The candidate must secure a minimum of 50% marks in each head of passing in the University Examination and 50% marks in the aggregate i.e. in the University Examination Theory and Practical / Clinical Examination will be treated as separate heads of Passing. Therefore candidate should get minimum 63 marks in theory and 38 marks in Practical / Clinical Examination.
- b. The candidate will be declared as passed with Distinction if he/she secures more than 75% marks.
- c. If a candidate fails either in theory or in practical/clinical Examination of a subject, he/she will be declared as fail in that subject and he/she will have to appear for theory and practical / clinical Examination again.

13. Syllabus for the entire B.D.S. course will be provided separately.

Circular No. -----
Date : -----
Loni 413 736.

Registrar,
P.I.M.S.