



## Completed Research Projects Summary

Departments	2018-19		2019-20		2020-21		2021-22		2021-23		Total
	F	S	F	S	F	S	F	S	F	S	
Oral Medicine and Radiology	2	4	1	5	1	5	1	3	2	2	26
Dept. of Oral Pathology	2	2	7	4	5	3	3		4	2	32
Conservative Dentistry	2	7	2	4	1	5		3	4	3	31
Oral & Maxillofacial Surgery	1	6	2	6	2	7	1	3	4	3	35
Orthodontics	3	6	4	12	2	10		4	1	4	46
Prosthodontics	3	5	3	9	6	6	4	3	6	4	49
Periodontology	3	6	3	6	5	4	2	3	44	3	79
Pedodontics		2	2	2	3	3		2	30	2	46
Community Dentistry		1	2		3		1		1	1	9
<b>Total</b>	<b>16</b>	<b>39</b>	<b>26</b>	<b>48</b>	<b>28</b>	<b>43</b>	<b>12</b>	<b>21</b>	<b>96</b>	<b>24</b>	<b>353</b>

\*F-Faculty & S- Students



## Rural Dental College List of Completed Research Projects

(F187+PG189 +UG14 =272)

S.N	Title	Investigator	Year
<b>Dept. of Community Dentistry:- (F7+UG2=09)</b>			
<b>Faculty (07)</b>			
1.	Prevalance of tobacco consumption among MSRTC staff & assicement of awarness & their knowledge towards tobacco cessation	Dr.Nikita Nirmal	2019-2020
2.	Awarness of antibiotic preescription among dental professionals in davangere city a cross sectional survey	Dr.Syeda Nikhat Mohammadi	2019-2020
3.	Awareness among Medical, Dental professionals regarding the Relationship between Periodontal diseases and Systemic Health: A questionnaire-based survey	Dr Vinay H Vadvadgi	2020-21
4.	Effect of Different essential oil Dentifrices in different in smutans ,lactobacillus &candida albicans	Dr.Syeda Nikhat Mohammadi	2020-21
5.	Halitosis-a review	Dr.Prashant	2020-21
6.	Anxiety and Practice Modifications among Dentists to Combat Novel SARS Coronavirus 2 Disease (COVID-19) Outbreak-A pandemic	Dr Vinay H Vadvadgi	2021-22
7.	Influence of Advertisements on the Purchase of Oral care Products such as Toothpastes, Toothbrushes and Mouthwash	Dr. Prashant Viragi	2022-23
<b>UG Students(02)</b>			
8.	Influence of advertisements on the purchase of oral care products	Dr.Janki Shah	2018-2019
9.	Impact of Oral Health Education (OHE) on Oral Hygiene and tobacco cessation amongst the tobacco addict tuberculosis patients visiting DOTS centre of tertiary care hospital	Trishala Kunkulol	2022-2023
<b>Dept. of Oral Medicine :- (F8 +PG 15+UG4=27)</b>			
<b>Faculty (08)</b>			
10.	A study of biomonitoring of micronuclei in patients exposed to panoramic radiography.	Dr. Sudharani Biradar	2018-2019
11.	Comparison of Case-based Learning (CBL) as a learning tool in final year undergraduate dental students	Dr. Sunil Mishra	2018-2019
12.	A study of dental age estimation by using coronal pulp cavity index in rural population of Ahmednagar district.	Dr. Sudharani Biradar	2019-2020
13.	Efficacy of Aloe Vera gel, spirulina tablet and topical curcumin in management of oral submucous fibrosis:	Dr Sunil Mishra	2020-2021
14.	Prevalence of zygomatic air cell defect in rural population of western maharashtra.	Dr. Anjum Farooqui	2021-2022
15.	Knowledge, Awareness and Attitude for Dental CBCT prescriptions amongst dental practitioners.	Dr. Sunil Mishra	2022-2023



# Directorate of Research, PIMS-DU

PRAVARA INSTITUTE OF MEDICAL SCIENCES (DEEMED UNIVERSITY)

16.	Estimation and Comparison of Salivary Flow in Grade III,IV Patients using Electric muscle stimulator	Dr Anjum Farooqui	2022-2023
<b>P.G. Students (15)</b>			
17.	Tongue in health and disease.	Dr. Kiran Jadhav	2018-2019
18.	Premalignant lesions and conditions in the oral cavity	Dr. Neha Nikumbh	2018-2019
19.	Gender determination from the mental and mandibular foramen on digital panoramic radiographs	Dr. Kiran Jadhav	2018-2019
20.	A study of elongation with type and patterns of calcification of styloid process- A Panoramic radiographic study	Dr. Neha Nikumbh	2018-2019
21.	Incidence of incidental findings in maxillary sinus on CBCT	Dr Ruchira sawade	2019-2020
22.	Determination of sex by maxillary sinus dimensions using CBCT	Dr Anuja Deshpande	2019-2020
23.	Oro facial pain	Dr Anuja Deshpande	2019-2020
24.	Immunologically mediated oral diseases	Dr Ruchira sawade	2019-2020
25.	Evaluation of nutrient canals in mandibular anterior region in hypertensive patients :	Dr Anuja Deshpande	2020-2021
26.	Clinico- radiographical features of benign and malignant lesions of jaws in tertiary care rural hospital in Maharashtra	Dr Ruchira sawade	2020-2021
27.	Clinico-demographic study on oral submucous fibrosis in tertiary level rural dental hospital, Maharashtra	Dr Pooja Nayak	2020-2021
28.	cervicofacial lymphadenopathy	Dr Pooja Nayak	2020-2021
29.	Assesment of nasopalatine canal characteristics using cone beam computed tomography	Dr. Pooja Nayak	2021-2022
30.	Image receptors in oral and maxillofacial radiology	Anwasha Samant	2021-2022
31.	Assessment of the relationship between impacted mandibular third molar and mandibular canal using panoramic radiography and cone beam computed tomography	Anwasha Samanta	2022-2023
<b>U.G. Students (04)</b>			
32.	HBV awareness among dental students and their vaccination status	Dr. Pranit Bora (UG)	2019-2020
33.	A study on prevalence and pattern of tobacco related habits amongst college going students	Dr. Pranit Bora	2020-2021
34.	Knowledge and Attitude towards use of Internet in Smartphone for Dental Education	Aditi Bangani & Team	2021-2022
35.	Evaluation of cancer awareness using knowledge, attitude, and practice (KAP) intervention among high risk population in rural area of western maharashtra.	Dr. Archita Barve	2022-2023
<b>Dept. of Oral Pathology :- (F22 +PG7+UG6=35)</b>			
<b>Faculty (22)</b>			
36.	Prognostic factors in Oral Squamous Cell Carcinoma: An institutional based study	Dr. Isha Chauhan	2018-2019



37.	Patterns of cervical lymph node metastases in Oral squamous cell carcinoma	Dr. Rahul Patil	2018-2019
38.	Effect of stress on academic performance in first year dental students	Dr Bhagyashri Latti	2019-2020
39.	Perception of Dental Interns about their educational environment in Rural Dental College, PIMS, Loni	Dr Bhagyashri Latti	2019-2020
40.	A study on prevalence and pattern of tobacco related habits amongst college going students	Dr. Sanjay Thete	2019-2020
41.	Hepatitis B awareness among dental students and their vaccination status	Dr. Sanjay Thete	2019-2020
42.	Comparison Of Microwave Versus Conventional Decalcification Of Hard Tissue Using Three Different Decalcifying Solutions	Dr.Saurabh Sabnis	2019-2020
43.	Immunohistochemical & histopathological evaluation of salivary gland tumors differentiation and proliferation for period of 20 years: a retrospective study	Dr.Saurabh Sabnis	2019-2020
44.	A Model To Predict Nodal Metastasis In	Dr. Rahul Patil	2019-2020
45.	Quality of life of oral squamous cell carcinoma patients after tumor treatment	Dr. Rahul Patil	2020-2021
46.	Evaluation of different decalcification agents on teeth - A comparative study	Dr. Rahul Patil	2020-2021
47.	Estimation of major immunoglobulins in tobacco and guthka chewers	Dr. Rahul Patil	2020-2021
48.	Cementum thickness as a parameter for age estimation	Dr. Sanjay Thete	2020-2021
49.	Evaluation of dental anatomy carving for undergraduates in computer-assisted learning vs. conventional learning method	Dr. Sanjay Thete	2020-2021
50.	Immunohistochemical Analysis Of Cancer Stem Cell Related Factors In OSCC & Oral Potentially Malignant Disorders	Dr. Rahul Patil	2021-2022
51.	Mental Health Of Dentists During And After The COVID-19 Pandemic In Maharashtra State - A Survey.	Dr.Sanjay G.Thete	2021-2022
52.	Attitudes of general dental practitioners towards biopsy procedures in Maharashtra-A survey.	Dr.Sanjay G.Thete	2021-2022
53.	Attitude of general dental practitioners towards biopsy procedures in Maharashtra- A Survey.	Dr. Sanjay Thete	2022-2023
54.	Evaluation of Collagen in Ameloblastoma and Oral Squamous Cell Carcinoma using Polarizing Microscopy and Immunohistochemistry- A retrospective study	Dr. Sanjay Thete	2022-2023
55.	Estimation of age using cementum thickness as a Parameter	Dr. Sanjay G. Thete	2022-2023
56.	A Model to Predict Nodal Metastasis in Patients with Oral Squamous Cell Carcinoma.	Dr. Rahul B. Patil	2022-2023
<b>P.G Students(07)</b>			
57.	Patterns of cervical lymph node metastases in Oral squamous cell carcinoma	Dr. Renu yadav	2019-2020



58.	Quality of life of oral squamous cell carcinoma patients after tumor treatment	Dr. Renu yadav	2020-2021
59.	Evaluation of different decalcification agents on teeth - A comparative study	Dr. Dhiraj Umbre	2020-2021
60.	Estimation of major immunoglobulins in tobacco and guthka chewers	Dr. Sushant Satdive	2020-2021
61.	“Evaluation of collagen fibres in ameloblastoma and keratocystic odontogenic tumor- a polarized microscopic study”	Sushant B. Satdive	2022-2023
<b>U.G Students(06)</b>			
62.	Cementum Thickness as a Prameter for age estimation	Neha Mahajan	2018-2019
63.	Platal Rugae a Stable Landmark – A comparison Between Extraction and Non-Extraction Patients	Vishaka Padhya	2018-2019
64.	Assessment of Dental Anxiety using MDAS (Modified Dental Anxiety Scale) among patients in Rural Dental College, Loni	Bhartiya Neha Chaudhari Sakshi	2019-2020
65.	Xerostomia affecting the Quality of Life(QOL) of Oral Squamous Cell carcinoma patients after Radiotherapy	Sejal Naikwadi Shetty Diksha	2019-2020
66.	Attitude of general dental practitioners towards biopsy procedure	Talreja Sonali Tambe Smita	2019-2020
67.	Regeneration of Buiomimetric Hydroxyapatite on acid etched human enamel using PAMAM template in vitro.	Mr. Rahul Pandhare, IIBDS	2022-23
<b>Department Of Conservative :- (F9 +PG28 =37)</b>			
<b>Faculty (9)</b>			
68.	To evaluate and compare the efficacy of XP-Endo Finisher, EndoActivator and CanalBrush for removal of Calcium Hydroxide from root canal walls.	Dr.Abhijeet Haridas	2018-19
69.	A Comparative evaluation of the amount of fluoride release and Re-release after recharging of various restorative Materials :An in-Vitro Study	Dr.Nakul Rathod	2018-19
70.	Anaesthetic efficacy of sodium bicarbonate and dexamethasone buffered lignocaine with 1:80,000 epinephrine in irreversible pulpitis patients receiving a classical inferior alveolar nerve block	Dr.Mrunal Deshmukh	2019-20
71.	Comparative evaluation of substantivity of two biguanides on human dentin	Dr.Rita Chandki	2019-20
72.	Evaluation of Influence of Instrument size on Accuracy of Three Different Apex Locators in the Presence of Different Irrigation Solutions in Vital Teeth: An In-Vivo Study	Dr. Basawaraj Biradar	2020-21
73.	Comparison of remaining dentin thickness after biomechanical preparation and removal of gutta percha using different rotary files in endodontic retreatment.	Dr. Basawaraj Biradar	2022-23
74.	Knowledge and Awareness about HPV Vaccination Survey among healthcare workers in Ahmednagar district, Maharashtra, India	Dr. Mukund V. Singh	2022-23



75.	Evaluation of Root Canal Irrigation Protocol used by dental Practitioners including dental graduates, Endodontists, Postgraduate Practitioners other than endodontists practicing in Ahmednagar districts: A Survey.	Dr. Yogita D. Deshpande	2022-23
76.	Evaluation of effectiveness of electronic apex locators in detecting Simulated Horizontal and Vertical root Fractures: An in-vitro study	Dr. Basawaraj Biradar	2022-23
<b>P. G. Students (28)</b>			
77.	A Comparative evaluation of the amount of fluoride release and Re-release after recharging of various restorative Materials :An in-Vitro Study	Dr.Nakul Rathod	2018-2019
78.	Anaesthetic efficacy of sodium bicarbonate and dexamethasone buffered lignocaine with 1:80,000 epinephrine in irreversible pulpitis patients receiving a classical inferior alveolar nerve block	Dr.Mrunal Deshmukh	2018-2019
79.	Comparative evaluation of apical extrusion of 2.5% NaOCl and 17% EDTA when used as root canal irrigants with manual irrigation and endoactivator system irrigation – An In-vitro study	Dr.Apeksha Jaiswal	2018-2019
80.	Comparative evaluation of variation in fibrin mesh work pattern & platelet density of PRF in different age groups.	Dr. Piyush Gupta	2018-2019
81.	Comparison of different methods of centrifugation for preparation of platelet rich plasma (PRP)	Dr.Nidhi Parikh	2018-2019
82.	Comparison of efficacy of canalbrush endoactivator and passive ultrasonic irrigation on removal of tripple antibiotic paste from root canal	Dr.Kavisha Desai	2018-2019
83.	Comparison of the remaining dentin thickness in mesiobuccal canal of mandibular molars of different root lengths prepared with two different rotary instrumentation techniques: an in-vitro study.	Dr.Kavisha Desai	2018-2019
84.	Evaluation of PH and calcium ion release from calcium Hydroxide mixed with different vehicles through Denhin An In-vitro study.	Dr.Sanmay Parakh	2019-2020
85.	Effects of various beverages on the microhardness and surface roughness of different composites: an in-vitro study.	Dr.Apeksha Jaiswal	2019-2020
86.	Effects of novel additives on the mechanical and biological properties of glass ionomer cements: an in-vitro study.	Dr. Piyush Gupta	2019-2020
87.	Effects of different activation techniques on sealer penetration into dentinal tubules using a confocal laser scanning microscope: an in-vitro study.	Dr. Akhilesh Vajpyee	2019-2020
88.	Dental Caries and Influencing Factors (Questionnaire Based Survey)	Bhoomika, Alisha	2020-2021
89.	Non-Cervical Carious Lesions: Incidence and Influence Of Quality Of Life (A Survey)	Gayatri, Smital	2020-2021
90.	Quality Of Life and Stress in Dental Students ( A Survey)	Ritika, Shivani	2020-2021



# Directorate of Research, PIMS-DU

PRAVARA INSTITUTE OF MEDICAL SCIENCES (DEEMED UNIVERSITY)

91.	Effect of Sonic and Ultrasonic Activation on sealer penetration into dentinal tubules using a confocal laser scanning microscope - An invitro study	Dr.Akhilesh Vajpayee	2020-2021
92.	Effect of different final irrigating solutions on push out bond strength of root canal obturating material: An In-Vitro study	Dr.Nidhi Parikh	2020-2021
93.	Evaluation of free active chlorine (fac) in sodium hypochlorite solutions admixed with different intracanal irrigants - an in-vitro study.	Dr Adarsh Agrawal	2021-2022
94.	Effect of shelf life and storage temperature on the shear bond strength and failure modes of total-etch and self-etch adhesives: an in-vitro study.	Dr. Sneha borse	2021-2022
95.	A Comparitive Evaluation of Influence of Remineralizing Agents Combined With Bleaching Agents, With or Without Saliva on Microhardness of Enamel – An In-Vitro Study.	Dr divya Gaitonde	2021-2022
96.	“Effect on dentinal tubule penetration of ultrasonic activation of intra canal-heated sodium hypochlorite- a confocal laser scanning microscopy study.”	Aher Samidha S.	2022-2023
97.	“Comparative evaluation of effect of different bleaching regimens on the flexural strength of hybrid composite resin and nano fill composite resin – an in-vitro study.”	Sonawane Riya Chandrakant	2022-2023
98.	Comparison of Diagnostic value of diognodent and Radiograph in detecting caries under composite restorations of permanent molars – An In-vitro Study	Biyani Krishna Santosh	2022-2023

## Dept. of Oral & Maxillofacial Surgery :- (F10 +PG29+UG2 =41)

### Faculty(10)

99.	To evaluate factors involved in delayed presentation of oral cancerous lesion in Rural areas	Dr. Harish Saluja	2018-19
100.	Evaluation of wrong side surgery in Dentistry :A Survey	Dr.Harish Saluja	2019-20
101.	Evaluation of incidence and reasons of wrong side dental surgery in central Maharashtra	Dr. Harish Saluja	2019-20
102.	Awareness and Knowledge about COVID-19 among the Maintenance Staff working in Hospital.	Dr. Harish Saluja	2020-21
103.	A Comparative Study to Assess the Trends and Disparity of Oral Carcinoma at Rural and Urban Cancer Centres of Central Maharashtra	Dr. Harish Saluja	2020-21
104.	To Evaluate the Radiographic Nerve Proximity and Clinical Incidence of Inferior Alveolar Nerve Injury in Third Molar Surgery.	Dr. Harish Saluja	2021-22
105.	To observe the Psychology of Parents of Cleft Parents central Maharashtra.	Dr. Harish Saluja	2022-23
106.	To evaluate the Necessity of Palatal Injection in Orthodontics Maxillary Tooth Extractions – A Split Mouth Study	Dr. Harish Saluja	2022-23
107.	Prognostic Significance of Lymph Node Ratio (LNR) in Predicting the outcome of Oral Squamous Cell Carcinoma - A Retrospective Study	Dr. Tanvy Sansgiri	2022-23



108.	Paediatric Mandible Bone Fractures- our Experience of the last 10 Years	Dr. Harish Saluja	2022-23
<b>PG Students (29)</b>			
109.	Retromandibular Modifide Rhyliectomy approach for management of subcondylar fracture	Dr.Vaishali Tile	2018-2019
110.	Sinus Lift Implant Using PRF with Bone Graft & without Bone Graft	Dr.Vasant Ambulgekar	2018-2019
111.	Serum Albumin level as a predictor of operative mortality and morbidity in carcinoma patients	Dr. Damien Gomes	2018-2019
112.	Access Osteotomies	Dr.Vaishali Tile	2018-2019
113.	Free Flap	Dr. Vasant Ambulgekar	2018-2019
114.	Craniofacial anomalies	Dr.Damien Gomes	2018-2019
115.	Involvement of Submandibulr gland in Well Diff. Sqamous Cell Carcinoma.	Dr.Raman kumar biyani	2019-2020
116.	Surgical out came of Platysma Flap in OSMF Patient	Dr.prachi fatangare	2019-2020
117.	A Comparative Study for Evaluation of Diagnostic Efficacy of Frozen Section with Conventional Histopathological Technique in Oral Squamous Cell Carcinoma.	Dr.yashal Jadhav	2019-2020
118.	Preprosthetic Surgery	Dr.Ramankumar biyani	2019-2020
119.	Vascular Malformation of Head & Neck.	Dr.prachi fatangare	2019-2020
120.	Salivary Gland Disorders	Dr.yashal jadhav	2019-2020
121.	Evaluation of Efficap of Physics Forceps and Conrentional Forceps in Extraction of Molar Teeth.	Dr.Ajinkya Patil	2020-2021
122.	Prevalence of Level IA Lymphnode in Oral Squamous Cell Carcinoma Patients	Dr. Kedar Kawsankar	2020-2021
123.	Face Lift Surgery	Dr.Ajinkya Patil	2020-2021
124.	Stem Cells	Dr. Kedar Kawsankar	2020-2021
125.	Basal Implants	Dr.Harshjeet	2020-2021
126.	Incidence of Shoulder Dysfunction after Neck Dissection in Oral Squamous Cell Carcinoma Patients	Dr.HarshjeetDesai	2020-2021
127.	Evaluation of transbuccal approach versus extraoral approach for treatment of mandibular angle fracture	Dr.Sushobhan Das	2021-2022
128.	Comparative evaluation of effically of 0.2% ropivacaine and 0.25% bupivacaine as local anaesthetic agents for cases of surgical removal of impacted mandibular third molar surgeries in RDC Loni.	Dr.SrishtiSalunke	2021-2022
129.	To Evaluate the outcomes of Transconjunctival approach and its modification for treatment of orbitozigomaticomaxillary complex fracture	Dr.Arunima Raut	2021-2022





130.	Treatment outcome of platelet rich plasma in surgical management of androgenic alopecia	Dr Sanket Badgujar	2022-23
131.	To evaluate the efficiency of transconjunctival vs subciliary approach in management of ZMC fractures	Dr Shreyash Gilda	2022-23
132.	Treatment outcome of 25% dextrose and injectable platelet rich fibrin in degenerative tmj disorders	Dr Swamini Wath	2022-23
<b>UG Students (02)</b>			
133.	Attitude and awareness of sterilization in undergraduate dental students	Rutuja Dhole	2020-2021
<b>Dept. of Orthodontics :- (F12 +PG39+UG1 =52)</b>			
<b>Faculty (12)</b>			
134.	Assesment of sagittal discrepancies through a new approach of beta angle in rural population of Maharashtra in and around Loni	Dr. N.G. Toshniwal	2018-19
135.	“The effect of carbonated drinks on etched enamel.”	Dr. Shubhangi Mani	2018-19
136.	“Correlation of Distraction, tendency to eat, towards an expanded model of mindless eating on Orthodontics patients – A Questionnaire Survey.”	Dr. Shubhangi Mani	2018-19
137.	Auto resolution of linguallly placed or crowded lower incisors with extraction of deciduous anteriors	Dr.Abhijit Misal	2019-20
138.	An assessment of career satisfaction among general dental practitioners in Ahmednagar district	Dr.Rahul Baldawa	2019-20
139.	Comparison of efficacy of fixed twin block and removable twin block in term of skeletal and dental changes.	Dr.Nilesh Mote	2019-20
140.	Prevalence of oral lesions among sugarcane factory workers of Loni, Maharashtra.	Dr.Renuka B	2019-20
141.	Vitamin D - A pandemic.	Dr. N.G. Toshniwal	2020-21
142.	Comparison of Cephalometric Analysis: Digital Tracing vs Manual Tracing.	Dr. Shubhangi Mani	2020-21
143.	Apparatus to partially automate process of Digitizing dental study models through Phologrammetry	Dr. Shubhangi Mani	2022-23
<b>PG Students (39)</b>			
144.	Evaluation of survival and failure rates of orthodontic temporary anchorage devices (mini-screw) placed in maxillary arch	Dr. Jyoti Rajbhar	2018-2019
145.	Dr. Moschos Papadopolous	Dr. Devdatta Wankhede	2018-2019
146.	orthodontic analysis and time taken using manual technique on orthodontic plaster study models vs digital technique using three dimentional intraoral scanner - a comparative study	Dr. Devdatta Wankhede	2018-2019
147.	To compare pretreatment and post treatment maxillary arch width and buccal corridor in extraction cases	Dr. Komal Thange	2018-2019
148.	Dr. Vijay Jayade	Dr. Olavo Neil	2018-2019



149.	Evaluation of Advansync 2 Class II Corrector appliance by using dental anchorage - A clinical, cephalometric and an electromyographic study	Dr. Olavo Neil	2018-2019
150.	Orthodontic Management of Proclined Central Incisor.	Dr Ashwini Nalkar	2019-2020
151.	White Spot Lesions in Orthodontics	Dr Pooja Katkade	2019-2020
152.	COVID-19 and Progressive Orthodontics	Dr Kunal Pallan	2019-2020
153.	A Talk with Legend	Dr Kunal Pallan	2019-2020
154.	Micro O Steoperforation the New Advent in RAP	Dr Kunal Pallan	2019-2020
155.	Dental Curing light and your eyesight	Dr Kunal Pallan	2019-2020
156.	Orthodontic Management of impacted maxillary canines using the Kilroy spring- Case report	Dr Ashwini Nalkar	2019-2020
157.	A critical evaluation and comparison of contemporary CAD/CAM fabricated mental lingual retainers over the traditional multi-stranded lingual retainers: An Observational Study	Dr. Angaj Malandkar	2019-2020
158.	Comparative evaluation of efficacy of fixed twin block appliance with or without magnets in patients with skeletal Class II malocclusion	Dr. Nilu Singh	2019-2020
159.	Outcomes of bracket positioning in the anterior teeth by smile arch protection (SAP) in patients undergoing various orthodontic treatment of malocclusion	Dr. Somit Das	2019-2020
160.	Efficacy and safety of lignocaine with or without adrenaline in placement of TADs in orthodontic treatment	Dr. Nikita Darda	2019-2020
161.	Efficacy of Twin Block with or without Magnets	Dr. Nilu Singh	2019-2020
162.	Haemophilia and Orthodontics	Dr Aditya Pawar	2020-2021
163.	Surgery First Approach in Orthognathic Surgery – An Evidenced based Approach	Dr Aditya Pawar	2020-2021
164.	Effects of functional appliances on masticatory muscles	Dr Pooja Katkade	2020-2021
165.	Evaluation of efficacy of temporary anchorage devices in Angles Class II division 1 Malocclusion in growing patients	Dr Kunal Pallan	2020-2021
166.	Evaluation of correction of Class II Div I malocclusion in growing patient with TADs	Dr Kunal Pallan	2020-2021
167.	Efficacy of HYCON as a alternative method of space closure in Class I bimaxillary protrusion patient	Dr Ashwini Nalkar	2020-2021
168.	Effectivity of Flex Developer Class II corrector in Class II growing patient	Dr Pooja Katkade	2020-2021
169.	Derotation of a Tooth - Mission with Semi Fixed Appliance	Dr Kunal Pallan	2020-2021
170.	Laser in Orthodontics - a review	Dr Ashwini Nalkar	2020-2021
171.	A Pre And Post Treatment Comparative Evaluation Of Efficacy Of Bionator, Twin Block And Dynamax Appliance On Facial Hard And Soft Tissues Of Patients Undergoing Orthodontic Treatment – An Observational Study	Dr.Abhay Chavan	2021-2022



172.	Comparison Of Skeletal, Dental And Soft Tissue Treatment Changes With Fixed Functional Appliances And Maxillary Premolar Extraction In Skeletal Class II Malocclusion	Dr. Anchin Goyal	2021-2022
173.	A Pre And Post Treatment Evaluation Of Efficacy Of Conventional Rapid Maxillary Expansion Vs Implant Supported Maxillary Expansion In Patients Having Transverse Maxillary Discrepancy: A Comparative Study	Dr. Rishikesh Rathod	2021-2022
174.	A Pre And Post Surgical Outcome Comparative Study For The Reliability And Applicability Of Different Scoring Systems In Assessment Of Maxillary Arch Constriction With Patients Having Cleft Lip And Palate	Dr. Pooja Shah	2021-2022
175.	Evaluation of SECIII appliance in class 3 patient in growing children	Dr. Pranit Rathi	2022-2023
176.	Tomographic Evaluation of Buccal Shelf area for Optimal placement of Temporary Anchorage Devices	Dr. Deeksha Devadiga	2022-2023
177.	Evaluation of photogrammetry as a method to digitize dental study models	Dr. Abhay Paul Arimbur	2022-2023
178.	Volumetric upper airway changes in growing patients of mandibular retrognathism undergoing myofunctional treatment with fixed and removable twin block appliance: a comparative study	Dr. Vaishnavi Maniyar	2022-2023
<b>UG Students (1)</b>			
179.	Prevalence of Malocclusion in Loni	Tejaswi Morkhandikar	2020-2021

### **Dept. of Prosthodontics :- (F26 +PG30 =56)**

#### **Faculty (26)**

180.	Study of correlation between dental extraction and refractive error	Dr. Aruna J. Bhandari	2018-19
181.	An Vitro Study of assessment of fracture resistance of External Hex and Internal hex abutment-implant design connection under compressive loading: A Pilot study.	Dr. Deepak M Vikhe	2018-19
182.	Evaluation of crestal bone loss and implant stability in submerged and non submerged implant techniques in two stage implant- A pilot study	Dr. Deepak M Vikhe	2018-19
183.	Evaluation of fracture of internal hex and external hex implant abutment connectors - A vitro study	Dr. Deepak M Vikhe	2019-20
184.	Relation between tenderness of temporomandibular complex and tension headache – A questionnaire based study	Dr. Veena Saraf	2018-19
185.	Usefulness of ophthalmic trial frame in iris positioning: An In vivo study	Dr. Veena Saraf	2018-19
186.	Innovative method and dental implant design for grafting injectable platelet rich fibrin around the dental implant-goat jaw cadaver study	Dr. Deepak M Vikhe	2019-20



## Directorate of Research, PIMS-DU

PRAVARA INSTITUTE OF MEDICAL SCIENCES (DEEMED UNIVERSITY)

187.	Influence of color training exercises on outcome of shade matching	Dr. Umesh Palekar	2020-21
188.	Repeatability and Reproducibility of Facebow Transfer Using an Earpiece Facebow in Edentulous Patients	Dr. Umesh Palekar	2020-21
189.	Measurement of distance between macillary central incisor and midpoint of intercondylar axis by CBCT: an observational study	Dr. Umesh Palekar	2020-21
190.	Staining of the ground section of the tooth using an innovative plant stain found in pravara region, India	Dr. Deepak M Vikhe	2020-21
191.	Pravara Tent: an innovative protective device to control aerosol in dental clinics during the COVID19 pandemic	Dr. Deepak M Vikhe	2020-21
192.	Nutrition related knowledge, awareness, attitude of geriatric patients	Dr. Deepak M Vikhe	2020-21
193.	Clinical evaluation of effect of placement of abutment implant complex/ microgap machined collar on implant stability & marginal bone level changes of unloaded 2 piece implants: clinical study	Dr. Deepak M Vikhe	2021-22
194.	To evaluate the surface roughness of Polymethyl Methacrylate Acrylic Resin after brushing with commercially available dentifrices – an in vitro study.	Dr. Veena Saraf	2021-22
195.	Staining the ground section of tooth without decalcification using an Innovative Plant stain found in Pravara region, India- An vitro study	Dr. Deepak M Vikhe	2021-22
196.	Facial soft tissue analysis to identify symmetrical and asymmetrical landmarks	Dr. Umesh Palekar	2021-22
197.	Simple, Modified “Pravara tent” to control Aerosol in Dental Clinics during the COVID-19 Pandemic... an Innovative novel Protective device	Dr. Deepak Vikhe	2022-23
198.	Effect of Surface treatment using Methyl Methacrylate and Dichloromethane on flexural strength of heat cured Polymethyl Methacrylate resin repaired with auto-polymerizing resin- an in vitro study.	Dr. Umesh Palekar	2022-23
199.	Total Light Transmittance, Blue LED Light Irradiance, Surface Roughness and Biaxial Flexural Strength of Two Translucent Dental Ceramics as a Function of 3 Different Surface Treatment	Dr. Pallavi Madanshetty	2022-23
200.	Evaluation and Comparison of Sagittal Condylar Guidance angle obtained from 3D model of CBCT, Digital Scans of CBCT and Interocclusal protrusive record using polyvinyl Siloxane- an in vitro study.	Dr. Umesh Palekar	2022-23
201.	To evaluate and Compare the Horizontal Condylar Inclination of Patients at Mandibular Protrusion of 4mm and 6mm using Polyvinylsiloxane Interocclusal Material and Semi-Adjustable Articulator – An Vivo study	Dr. Umesh Palekar	2022-23
202.	Effect of Synbiotics on Saliva in Completely Edentulous Patients – A Prospective Study. (Pilot Study)	Dr. Umesh Palekar	2022-23
<b>PG Students(30)</b>			



203.	To Evaluate and Compare the Tensile Bond Strength and Hardness of four different denture liners to heatpolymerised denture resin following in storage in denture cleaning solution and water over varying period of time.	Dr. Avinash Sagvekar	2018-2019
204.	Comparative evaluation of the curve of spee in two age groups and gender groups and its relation to posterior teeth disclusion	Dr. Sayali Kalantri	2018-2019
205.	The difference between golden proportion and golden percentage , RED in natural dentition of two age groups.	Dr. Kanchan Sahwal	2018-2019
206.	Relation Between Tenderness Of Temperomandibular Complex And Tension Headache- A Questionnaire Based Study	Dr. Sayali Kalantri	2018-2019
207.	Attractiveness of smile as related to buccal corridor space in three different facial types	Dr. Kanchan Sahwal	2018-2019
208.	Assesment of Primary and Secondary Stability in two different Impant system	Dr. Meenakshi Thakur	2019-2020
209.	Measurement of anterior loop of inferior alveolar nerve	Dr. Milind Jagdale	2019-2020
210.	The Influence of color training exercises in shade matching	Dr. Aparna & Dr. Agyey	2019-2020
211.	Nutrition related knowledge awareness and attitude of geriatrics- A pilot study	Dr. Shefali	2019-2020
212.	Repeatability and reproducibility of facebow transfer using an earpiece facebow in edentulous patients- An observational study	Dr. Alpa	2019-2020
213.	Occlusal Equilibration	Dr. Sneha Tarle	2019-2020
214.	Osseointegration and osseofixation	Dr. Meenakshi Thakur	2019-2020
215.	Smile designing	Dr. Milind Jagdale	2019-2020
216.	Comparative Study to evaluate the effect of gingival cord retraction system on health of two different gingival biotype. - In vivo	Dr. Sneha Tarle	2019-2020
217.	Comparitive evaluation of dimensional accuracy and surface detail reproduction for polyvinyl siloxane and vinyl siloxane ether under dry and moist conditions - an in vitro study	Dr Amit Pokharkar	2020-2021
218.	Comparative evaluation of fracture resistance of endodontically treated teeth reinforced by straight titanium post and bendable titanium post :an in vitro study	Dr Agyey Pathak	2020-2021
219.	Efficacy of two commercially available desentizing agents in reducing sensitivity of teeth prepared for fixed dental prosthesis	Dr Aparna Deo	2020-2021
220.	Digital facebows and virtual articulators	Dr Aparna Deo	2020-2021
221.	Basal/strategic Implants	Dr Amit Pokharkar	2020-2021
222.	Digital Impressions	Dr Agyey Pathak	2020-2021



## Directorate of Research, PIMS-DU

PRAVARA INSTITUTE OF MEDICAL SCIENCES (DEEMED UNIVERSITY)

223.	Comparative Evaluation Of Fracture Resistance & Site If Fracture In Different Designs Of Inlay Retained 3 Unit Fixed Dental Prosthesis - An Invitro Study	Dr.Alpa Newasakar	2021-2022
224.	Effect Of Oral Rehabilitation With Complete Dentures On Glysemic Status Of Aging Patients With Diabetes - An Invitro Study	Dr.Shefali Bhiwapurkar	2021-2022
225.	ComparisonOf Sagittal Condylar Angle Obtained Using CBCTAnd Protrusive Interoclusal Record Made Using Two Bite Registration Materials - An Invitro Study	Dr Sneha Ailsinghani	2021-2022
226.	Comparative evaluation using different sprue designs on marginal integrity and casting defects: an in vitro study	Dr Ashwini Komalan	2022-2023
227.	Effect of sealing gel on bacterial microleakageat implant abutment junction- A randomized control trial	Dr.Lavesh Chopra	2022-2023
228.	Comparative evaluation of different splinting materials for positionalaccuracy in parallel and tilted implants: an invitro study	Dr. Aishwarya Sonawane	2022-2023
229.	Comparative evaluation of fracture resistance of monolithic zirconia crown with rounded shoulder finish lines of two different widths – an invitro study	Dr. Rachana Kothari	2022-2023

### Dept. of Periodontology :- (F 57+PG27+UG1 =85)

#### Faculty (57)

230.	Comparative evaluation of efficacy of locally delivered 1% metformin gel and chlorhexidine gel in treatment of chronic periodontitis: A randomized controlled clinical trial.	Dr Anuradha Bhosale	2018-19
231.	Evaluation of accuracy of Partial Mouth Examination Protocols for Extent and Severity Estimates of Periodontics.	Dr. Babita Pawar	2018-19
232.	Evaluation of prevalence and distribution of furcation defects associated with moderate and serere chronic periodontitis patients- A Surgical Study.	Dr. Shivani Sachdeva	2018-19
233.	Distribution of Bone Defects Associated with Chronic Periodontitis Patients- An Observational Demographic Study	Dr. Shivani Sachdeva	2019-20
234.	Epidemiology of Periodontal status and Effectiveness of Oral Health Education and Promotion Programme on Quality of Life in Dentate of Tribal and Non Tribal Population of Western Maharashtra.”	Dr. Vinay H. Vadvadgi	2019-20
235.	Knowledge Attitude and Effects of Wearing Facial Mask – A Survey amongst Dental Professionals working at Rural Dental College, Loni	Dr. Shivani Sachdeva	2019-20
236.	Distribution Of Bone Defects In Chronic Periodontitis Patients A Demographic Study	Dr. Shivani Sachdeva	2020-21
237.	Prevalence of Gingival Pigmentation Among A Diverse Population of Ahmednagar District- A Clinical Study	Dr. Preeti Kale	2020-21



## Directorate of Research, PIMS-DU

PRAVARA INSTITUTE OF MEDICAL SCIENCES (DEEMED UNIVERSITY)

238.	Assessment and Treatment Needs of Oral Hygiene Status of Visually Impaired Children Attending Special Schools in Ahmednagar District an Survey	Dr. Shivani Sachdeva	2020-21
239.	Assessment of Knowledge And Oral Hygiene Awareness amongst The Dental Professionals and Dental Students Working At Rural Dental College, Loni: A Survey Study	Dr Amit Mani	2020-21
240.	Extent of Awareness Regarding Oral Health and Dental Treatment Needs Among Individuals With Hearing & Speech Impairments In Ahmednagar District- A Survey	Dr Amit Mani	2020-21
241.	To Measure, Evaluate The Oral Health Status In Deaf And Dumb Children Attending Special Schools In Ahmednagar District- An Alarming Situation	Dr Amit Mani	2021-22
242.	Assessment of Oral Hygiene Status and Dental Treatment Needs Among Visually Impaired, Deaf And Dumb, And Normal Individuals In Ahmednagar District- A Survey	Dr Amit Mani	2021-22
243.	Evaluation of Clinical and Histological Features on application of Platelet Rich Fibrin When Compared to platelet Rich Matrix on Depigmented Gingival Epithelium.	Dr. Amit Mani	2022-23
244.	Assessment of Psychological Impact of the COVID-19 Pandemic on Dental professionals of Ahmednagar District, India	Dr. Preeti Kale	2022-23
245.	Knowledge and Awareness towards Maternal Periodontal status during Pregnancy and its Associated Outcome among Gynaecologists of Ahmednagar District	Dr. Gowri Pendyala	2022-23
246.	Retrieving Forceps for platelet Rich Fibrin Membrane	Dr. Shivani Sachdeva	2022-23
247.	Knowledge and Awareness, about Cloned Journals for Research Publication among Dental Professionals.	Dr. Preeti Kale	2022-23
248.	Knowledge and Awareness, Towards Motivational Interviewing in Clinical Practice among Oral Health Care Professionals of Ahmednagar district.	Dr. Gowri Pendyala	2022-23
249.	Knowledge and Awareness about basic information of Scientific journal for Research publication among Dental Professionals.	Dr. Preeti kale	2022-23
250.	Comparative Evaluation of the adjunctive use of Ozone and Chlorhexidine in patients with chronic Periodontitis – A Clinical Study	Dr. Gowri Pendyala	2022-23
251.	Effectiveness of Chlorhexidine, Povidone Iodine and Hydrogen peroxide as a Pre-procedural oral rinse to reduce the aerosol contamination during scaling.	Dr. Gowri Pendyala	2022-23
252.	Comparative evaluation of the efficacy of silver nanoparticles mouthwash with chlorhexidine mouthwash in chronic periodontitis patients. A clinical microbiological study: With innovares italy – 2021 (international funding of rs 1. 23 lakh)	Dr. Shivani Sachdeva	2022-23
253.	Evaluation of a diagnostic device tekscan in reduction of dentinal hypersensitivity in patients	Dr. Shivani Sachdeva	2022-23



254.	A System for Dental Camera for Intraoral Dental Measuring.	Dr. Gowri Pendyala	2022-23
255.	Bone Paste to Enhance bone Formation for Dental and Orthopedic Application.	Dr. Gowri Pendyala	2022-23
256.	A Customized Device for Dental Care	Dr. Gowri Pendyala	2022-23
257.	System for Dental Polishing Cup.	Dr. Gowri Pendyala	2022-23
258.	A System for Automatically Guided Dental Implant.	Dr. Gowri Pendyala	2022-23
259.	A System for Dental Arch Analysis.	Dr. Gowri Pendyala	2022-23
260.	A System for detecting and Filling Tooth Cavity	Dr. Gowri Pendyala	2022-23
261.	System for Tracking Patient Activity by Machine Learning-IOT	Dr. Gowri Pendyala	2022-23
262.	Device for Remote Dental Monitoring.	Dr. Gowri Pendyala	2022-23
263.	Method for Providing Dental Abutment	Dr. Gowri Pendyala	2022-23
264.	A Method for Dental Age Estimation.	Dr. Gowri Pendyala	2022-23
265.	Method for Analyzing Dental Situation.	Dr. Gowri Pendyala	2022-23
266.	A System for Three-Dimensional Dental Scanning.	Dr. Gowri Pendyala	2022-23
267.	A Dental Care Assistive Device by Artificial Intelligence.	Dr. Gowri Pendyala	2022-23
268.	Device For Dental Imaging.	Dr. Gowri Pendyala	2022-23
269.	Method for Crack Detection and Confirmation.	Dr. Gowri Pendyala	2022-23
270.	A System for Teeth Detection and Dental Problem Classification.	Dr. Gowri Pendyala	2022-23
271.	A Method for Automatic teeth Cavity detection and classification based on Image Processing.	Dr. Gowri Pendyala	2022-23
272.	Method to Predict the Likelihood of Presence of Dental Caries among Children Age 2 to 7.	Dr. Gowri Pendyala	2022-23
273.	A Method for Automatic Dental Plaque detection on Primary teeth	Dr. Gowri Pendyala	2022-23
274.	A Method of Dental Implants Prediction by Machine Learning.	Dr. Gowri Pendyala	2022-23
275.	Method for Dental defect Detection using Image Processing	Dr. Gowri Pendyala	2022-23
276.	Awareness, Utilization and Opinion of Central Library amongst undergraduate and postgraduate students of Rural Dental College	Dr. Rachita Mustilwar	2022-23
277.	The Knowledge and awareness of managing the Medical emergencies among dental interns, post graduates and faculties of Rural Dental College: A Survey.	Dr. Rachita Mustilwar	2022-23
278.	Bifurcated Periodontal Probe for Measuring Width of attached Gingiva	Dr. Shivani Sachdeva	2022-23
279.	Periodontal Dressing Stapler	Dr. Shivani Sachdeva	2022-23





280.	Angular Interdental Cleaner for proficiently cleaning line Angles of Teeth	Dr. Shivani Sachdeva	2022-23
281.	Defect Angle Protractor Assembly	Dr. Shivani Sachdeva	2022-23
282.	Lingual Frenectomy Forcep.	Dr. Shivani Sachdeva	2022-23
283.	Cross Periodontal Probe for Measuring Recession	Dr. Shivani Sachdeva	2022-23
284.	Lip And Tongue Scale	Dr. Shivani Sachdeva	2022-23
285.	Abutment Screw For Ease In Fracture Retrieval	Dr. Shivani Sachdeva	2022-23
286.	Calibrated Box For Biopsy Title: Calibrated Box For Biopsy	Dr. Shivani Sachdeva	2022-23
<b>PG Students(27)</b>			
287.	Prosth perio inter relationship	Dr. Amola Patil	2017-2018
288.	Non surgical periodontal therapy	Dr. Rosiline James	2017-2018
289.	A Comparison of efficacy of turmeric gel with ale vera gel as local drug delivery agents in treatment of chronic periodontitis a clinical study	Dr Rosline James	2017-2018
290.	An Estimation of Biologic Width in Healthy, Gingivitis, Chronic Periodontitis & Aggresive Periodontitis : A Clinico-radiographic Study.	Dr Asawari Lawande	2017-2018
291.	An Evaluation of the efficacy of Probiotic drink (Yakult) containing Lactobacillus Casei in reducing the levels of periodontopathic bacteria in post pubertal population: a clinical microbiologic study	Dr. Amola Patil	2017-2018
292.	Wound healing	Dr. Asawari Lawande	2017-2018
293.	Dental implant complications and their management	Dr Preeti Kale	2018-2019
294.	Periodontal dressings	Dr.Anuraga	2018-2019
295.	Periodontal indices	Dr.Shalakha Maniyar	2018-2019
296.	A comparative evaluation of clinical efficacy of turmeric gel(2%) as an adjunct to scaling and root planing in the treatment of cronic periodontitis: A case control study	Dr. Rosiline Jmes	2018-2019
297.	Comparative evaluation of biologic width in generalised chronic periodontitis patients and healthy individuals by radiovisiography: a case control study	Dr. Asawari Lawande	2018-2019
298.	Evaluation of efficacy of probiotic drink containing lactobcillus casei (Yakult) in reducing the levels of periodontopathic bactria in post pubertal population- A Clinico-microbiologic study	Dr. Amola Patil	2018-2019
299.	Comparative evaluation of hyaluronic acid as an adjunct to scaling and root planing in treatment of chronic periodontitis patient - A clinical and histological study	Dr Shalakha Maniyar	2019-2020
300.	Prevalence and distribution of gingival recession in adult population visiting the out patient department of rural dental college, Loni: A cross sectional study	Dr Anuraga	2019-2020



## Directorate of Research, PIMS-DU

PRAVARA INSTITUTE OF MEDICAL SCIENCES (DEEMED UNIVERSITY)

301.	Comparative evaluation of intrasulcular application of commercially available coenzyme q10 gel as adjunct to SRP in chronic periodontitis pt as assessed through advanced diagnostic aid; florida probe system	Dr Preeti Kale	2019-2020
302.	Effectiveness of chlorhexidine chip as an adjunct to scaling and root planing when compared to scaling and root planing alone in periodontitis patients	Dr.Anuradha Kale	2019-2020
303.	Effectiveness of open flap debridement alone and open flap debridement along with the titanium platelet rich fibrin in the treatment of periodontal intrabony defect.	Dr.Shruti Deshmukh	2019-2020
304.	Assessment of quantitative changes in tooth mobility by mobiliometer following periodontal treatment in periodontitis patients.	Dr.Shriram Kendre	2019-2020
305.	Chemotherapeutic agents	Dr.Shruti Deshmukh	2020-2021
306.	Platelet rich fibrin	Dr.Shriram Kendre	2020-2021
307.	Soft tissue management around dental implants	Dr.Anuradha Kale	2020-2021
308.	A Prevalence study of furcation involvement amongst the Periodontitis Patients in Rural area	Dr. Hiral Vora	2021-2022
309.	A Comparative Evaluation of Stability of Dental Implant In Different Bone Densities And Diameters Of Implant	Dr. Sonali Gholap	2021-2022
310.	Comparative Evaluation of Coronally Advanced Flap With & Without Titanium Platelet Rich Fibrin In The Treatment Of Gingival Recession	Dr. Jasleen Kaur Sodhi	2021-2022
311.	Effect of non-surgical periodontal therapy on diabetic and non-diabetic periodontitis patients – a clinical study	Gaydhani Mrunmayee Santosh	2022-23
312.	The effectiveness of desensitizing agents containing calcium sodium phosphosilicate and potassium nitrate in dentinal tubules occlusion: an in vitro scanning electron microscopic study	Sathe Mayuri Rajendra	2022-23
313.	Clinical evaluation of tooth mobility by mobilometer and its assessment with indirect rate of progression in grade B and grade C periodontitis with and without type- II diabetes	Saklecha Sejal Rakeshkumar	2022-23
<b>UG Students(01)</b>			
314.	Phenomenal Periodontist.	Janki Shah (Intern)	2020-2021
<b>Dept. of Pedodontics :- (F36 +PG14 =50)</b>			
<b>Faculty (36)</b>			
315.	Comparative assessment of periodontal ligament cell viability using three different storage media	Dr Viddyasagar Mopagar	2017-18
316.	Knowledge, attitude and awareness of children towards parental tobacco	Dr Sourabh Joshi	2019-20
317.	Knowledge, attitude and awareness among dentists about Platelet derived growth factors - A cross sectional survey	Dr Asha Nara	2019-20
318.	Evaluation of physical, antimicrobial and molecular properties of MTA Plus, MTA Angilus : An in vitro study	Dr Sourabh Joshi	2020-21



319.	Scaffolds - The Ground For Regeneration- A Systematic Review.	Dr Sourabh Joshi	2020-21
320.	Current knowledge and awareness among Pedodontists regarding Prevention of Infective Endocarditis	Dr.Meghna Padubidri	2020-21
321.	Evaluation of Antibacterial and Antifungal efficacy of Newer Kids e-MTA with Pro-Root MTA and Glass Ionomer Cement	Dr. Sourabh Joshi	2022-23
322.	Mucoceles of Oral Mucosa in Children: A five year Hospital Based Retrospective Study	Dr. Sourabh Joshi	2022-23
323.	Pattern and Incidence of Oral Submucous Fibrosis (OSMF) in Rural Children and Adolescents- A 2 year hospital based prospective study in Central Maharashtra	Dr. Sourabh Joshi	2022-23
324.	Knowledge and awareness regarding Personal Financial planning among the Postgraduate students studying in Pravara Institute of Medical Sciences (Deemed to be University).	Dr. Neeta Padmawar	2022-23
325.	Knowledge, Practice and awareness about Rotary Instruments in Pulpectomy among Indian Pedodontists : A Questionnaire Based Survey.	Dr. Neeta Padmawar	2022-23
326.	Comparative Evaluation of Root Fracture resistance and Antimicrobial Efficacy of 2.5% sodium Hypochlorite, 5% sodium Hypochlorite, Ozonated Olive Oil, and Ozonated water : An In- Vitro study	Dr. Sourabh Joshi	2022-23
327.	Comparative Evaluation of Antimicrobial Efficacy of i-PRF and Against E. Faecalis and C. Alibicans: Ex- vivo Study.	Dr. Asha Nara	2022-23
328.	Quantative and qualitative assessment of side effects of COVID-19 vaccination among healthcare workers.	Dr Vidyasagar	2022-23
329.	Comparative evaluation of physical, molecular and apical sealing abilities of two formulations of MTA- An Invitro study	Dr. Sourabh Joshi	2022-23
330.	Titanium Test tube with A Glass vent- An Innovative Device	Dr. Saurabh Joshi	2022-23
331.	A System for Analyzing Causes and Treatment of Oral and Dental Diseases.	Dr. Saurabh Joshi	2022-23
332.	A System for Sensing and Monitoring Oral Health Using Toothbrush.	Dr. Saurabh Joshi	2022-23
333.	Device for Oral Cavity Care	Dr. Saurabh Joshi	2022-23
334.	A Method for Laser Dental Implantation.	Dr. Saurabh Joshi	2022-23
335.	System for Tooth detection with Neural Networks	Dr. Saurabh Joshi	2022-23
336.	Mouthpiece for A Dental Cleaning System.	Dr. Saurabh Joshi	2022-23
337.	Method for Carbon Nanotube Coated Peek Dental Implant.	Dr. Saurabh Joshi	2022-23
338.	Dental Handpiece with Embedded wireless Communication Device.	Dr. Saurabh Joshi	2022-23



339.	A Method for Automatic Teeth Detection and numbering Based on Image Processing.	Dr. Saurabh Joshi	2022-23
340.	A System Device for tooth Extraction	Dr. Saurabh Joshi	2022-23
341.	Method for Prognosis Prediction in Endodontic Microsurgery by Machine learning.	Dr. Saurabh Joshi	2022-23
342.	Method for Periodontal Diagnosis by Machine learning.	Dr. Saurabh Joshi	2022-23
343.	Adjustment of tooth position in a Virtual Dental Model.	Dr. Saurabh Joshi	2022-23
344.	Image data Processing Method for Designing Dental Restoration.	Dr. Saurabh Joshi	2022-23
345.	Device for Portable Dental Cleaning.	Dr. Saurabh Joshi	2022-23
346.	A System for Identifying of Patient Specific Dental Implantation Design.	Dr. Saurabh Joshi	2022-23
347.	Method For Detecting Dental Implant.	Dr. Saurabh Joshi	2022-23
348.	Dental Occlusion Forcep Measuring Device.	Dr. Saurabh Joshi	2022-23
349.	A New Natural Dental Care Composition.	Dr. Saurabh Joshi	2022-23
350.	A Production Method of Dental Abutment Member.	Dr. Saurabh Joshi	2022-23
<b>Students (14)</b>			
351.	Survey regarding awareness about preventive measures for infective endocarditis among Pedodontists	Dr.Meghna Padubidri	2017-2018
352.	To evaluate & compare the microleakage of class 1 preventive resin restorations on teeth prepared with or without air abrasion followed by acid etching: an in-vitro study.	Dr Sudarshan Pargaonkar	2017-2018
353.	To evaluate and compare the fracture resistance of reattached fragments on permanent maxillary anterior teeth using three different materials: an in-vitro study.	Dr Meghna Padubidri	2017-2018
354.	To evaluate the fracture resistance of endodontically treated teeth restored with three different restorative materials:an in-vitro study.	Dr Sumit Gunjal	2018-2019
355.	Comparative evaluation of shear bond strength of three flowable compomers on enamel of primary teeth :an in-vitro study.	Dr Priyenka Patil	2018-2019
356.	Evaluation of fracture resistance of biomechanically prepared teeth using different endodontic instrumentation systems: an ex-vivo study	Dr Chirag Sankhe	2019-2020
357.	Comparative evaluation of viability of periodontal fibroblasts in 5 different storage media -an exvivo study.	Dr Dipti Musmade	2019-2020
358.	Antimicrobial efficacy of 0.1% Silver Nanoparticles & conventional irrigants with or without endoactivator against E faecalis & c albicans: An ex-vivo study	Bodhyanga Kedare	2020-2021
359.	Comparative evaluation of antimicrobial efficacy of 0.1 % silver nano particles and conventional irrigants, with or without endoactivator against E faecalis and C.albicans- An In Vitro study	Dr Bodhyanga Kedare	2020-2021



## Directorate of Research, PIMS-DU

PRAVARA INSTITUTE OF MEDICAL SCIENCES (DEEMED UNIVERSITY)

360.	Comparative evaluation of fracture resistance of various fiber posts. An in vitro study	Dr. Pratima Shah	2020-2021
361.	Antibiofilmefficacy of calcium hydroxide Vs iodoform medicament with or without silver nanoparticles against E. Faecalis : An Ex vivo study.	Dr Meghana Phadanis	2021-2022
362.	Synthesis and evaluation of efficacy of novel egg shell derived nanohydroxyapatite sealer : An in vitro study.	Dr Mounica Kadali	2021-2022
363.	Comparative evaluation of root fracture resistance and antimicrobial efficacy of 2.5 % Sodium Hypochlorite, 17% EDTA, and Ozonated water with and without canal brush : An In vitro Study	Hrishikesh Hadpe	2022-2023
364.	Comparative evaluation of root fracture resistance and apical sealing ability of Kids-E MTA with ProRoot MTA-- An In vitro Study	Umesh Kankrej	2022-2023