

**List of research papers published in UGC-CARE/Scopus/Web of science/ PubMed in the  
year 2024 -2025**

<b>Sr No</b>	<b>Pubmed ID</b>	<b>Publication Type</b>	<b>Publication title</b>	<b>Author Name</b>	<b>Journal Name</b>	<b>Year</b>
1	2168-8184	Pubmed	“Conservative Treatment of Invasive Cervical Resorption Using MTA and Fiber-Reinforced Composite: A Case Report	Shweta Rathi, Pratima Sheno, Chetana Makade, Shriya Shahu, Teena Oommen	Cureus	2025
2		Pubmed	In vitro CSLM evaluation of bonding agents in amalgam restoration replaced with composite resin	Sayanti Ghosh, Pratima Sheno, Manjeet Uke, Ankita Niswade	Indian Journal of Conservative and Endodontics	2025
3		Non indexed	Surgical Management of Surgical Cyst with Platelet rich Fibrin Placement followed by Nonvital Bleaching of a Discolored Maxillary Left Central Incisor(21)	Sagarika Sortey, Gautam Badole, Sheno Pratima, Kubde Rajesh, Ankita Ramteke varsha uttarwar, shriya shahu	Journal of Bhartiya Vidyapeeth Journal of Dentistry and Allies sciences	2025
4		Non indexed	Comparative assessment of structural integrity and operational time taken for class I composite restoration using stamp technique versus conventional layering	Shweta Rathi, Sheno pratima, Rajesh Kubde, mohit Gunwal, Gautam Badole, ankita Raamteke	Journal of Bhartiya Vidyapeeth Journal of Dentistry and Allies sciences	2025

			technique			
5		Non indexed	Comparative Evaluation of Remineralization Potential and Surface Microhardness of Three Different Remineralizing Agents on Artificial Enamel Lesions : An In vitro study	Prachi Choudhary,Shenoi, Rajesh Kubde,mohit Gunwal, Gautam Badole, Shriya Shahu	Journal of Bhartiya Vidyapeeth Journal of Dentistry and Allies sciences	2025
6		Non indexed	A comparative analysis of antibacterial efficacy of triple antibiotic paste and modified triple antibiotic paste against An In-vitro study	Amber Raut,Pratima Shenoi	Journal of Bhartiya Vidyapeeth Journal of Dentistry and Allies sciences	2024
7	39926991	Pub med Scopus web of science	Quantitative Evaluation of Apically Extruded Debris During Root Canal Instrumentation with Self-Adjusting File, Reciprocating File, and Rotary Files: An In Vitro Study	Dr. Pratik Burad, Dr. Kushal Fuladi, Dr. Ankita Ramteke	Journal of Pharmacy and Bioallied Sciences	2024
8		web of science	Comparative evaluation of surface roughness and color stability of four different composite resins after application of desensitising agents: An in vitro study	Simran Gupta, Chetana Makade, Pratima Shenoi, Mohit Gunwal, Pratik Burad	Journal of Clinical and Diagnostic Research.2024 Sep vol-18(9):ZC06-ZC10	2024
9		web of science	Dentinal tubule Occluding efficacy of three nano biomaterials containing toothpastes on	Neha Mundhada, Chetana Makade, Pratima Shenoi, Deepashri	Journal of Clinical and Diagnostic Research.2024 Aug vol-18(8):ZC41-	2024

			simulated hypersensitive dentin: An SEM and EDX In-vitro analysis	Tekam, Simran Gupta	ZC45	
10	39034574	Pub med Scopus web of science	Evaluation of surface roughness and microhardness of bulk-fill and nanohybrid composite after exposure to different beverages.	Sachin Bengal, Gautam Badole, Pratima Shenoi, Rajesh Kubde, shriya shahu.	Annals of african medicine 2024;23;466-473	2024
11		Non indexed	Awareness, attitude and behaviour of dentists towards domestic violence victim patients.	Noopur Kokane Vandana Kokane Neena Dongre	INDIAN JOURNAL OF FORENSIC MEDICINE & TOXICOLOGY 2024;0973-9122	2024
12		Scopus	Aesthetic and functional replantation of traumatically avulsed tooth with extraoral time of 48hrs-2yrs followup case	Vandana Kokane Mohit Gunwal Ankita Ramteke Varsha Uttarwar	JOURNAL OF BIOMEDICAL RESEARCH 2024;2889-2895	2024
13		Non indexed	Endodontic and surgical management of traumatic radicular cyst : A case report	Prachi Choudhari, Pratima Shenoi, Mohit Gunwal, Shriya Shahu	JOURNAL OF ADVANCES IN DENTAL PRACTICE AND RESEARCH 2024; 2833-1419	2024
14	39211690	PubMed	Plexiform Neurofibroma: A Case Report	Kshitij Bang , Ramakrishna Shenoi , Alvina V Waghchoure	Cureus	2024

15	39258098	PubMed	Mesial Inclination of Bur for the Sectioning of Impacted Distoangular Mandibular Third Molar: A Novel Technique	Nimish Situt , Ramakrishna Shenoi , Alvina V Waghchoure, Kshitij Bang	Cureus	2024
16	40376345	PubMed	Management of Rhinomaxillary Mucormycosis: A Case Report	Sandeep Khandaitkar , Komal Harde , Sharjeel H Khan , Gagandeep Lamba	Cureus	2025
17	40432627	PubMed	Maxillomandibular Fixation Using Orthodontic Brackets as a Treatment Option for Mandibular Fractures	Kshitij Bang , Ramakrishna Shenoi <sup>1</sup> , Alvina V Waghchoure , Nimish Situt	Cureus	2025
18	40236332	PubMed	Tackling Oral Giants: A Case of Verrucous Carcinoma Involving the Buccal Mucosa and Maxilla	Kshitij Bang , Ramakrishna Shenoi, Vrinda Kolte , Karishma D Jadhav , Hrushikesh K Mallick	Cureus	2025
19	39280402	PubMed	Evaluation of the Distortion of Essix Retainer Formed From Biostar Machine Using Intraoral Digital Scans : An In Vitro Study	Dr. Mahima Sehgal	Cureus	2024 - 2025
20		Scopus	Evaluation of change in length, volume and fiber orientation of masseter muscle in growing	Dr. Jyotshna Shinde	AFJBS	2024 - 2025

			skeletal Class II subjects before and after use of Twin block appliance.			
21	39391423	PubMed	Evaluation and comparison of Force Degradation levels Between Elastomeric chains and Active tiebacks with elasticsmodules during individual canine Retraction	Dr. Sanika Thakur	Cureus	2024 - 2025
22		Index	Transforming Orthodontics with artificial intelligence : A comprehensive review	Dr. Sanika Thakur	JADPR	2024 - 2025
23		Non-Index	Clear Aligners:Revoluti onising Orthodontic Care For A New Generation	Dr Aditya Vaidya	Dental Probe	2024 - 2025
24		Non-Index	Management of Malaligned Dentition With Overretained Deciduous Teeth By Routine Non Extraction Fixed Orthodontic Treatment-a Case Report	Dr Manali Jaiswal	Dental Probe	2024 - 2025
25		SCOPUS	Effect of lidocaine ice button topical anesthesia on pain during maxillary buccal infiltration in 6-10 year children- A randomized	Devendra I. Nagpal, Samiksha Ram Dharampuria, Prabhat Singh, Purva Chaudhari, Pooja Rathi, Ayushi	J Indian Soc Pedod Prev Dent 2025;43:261-8.	2025

			control trial	Gurharikar		
26	40376345	Pubmed	Management of Rhinomaxillary Mucormycosis: A case report	Sandeep Khandaitkar, Komal Harde, Sharjeel H. Khan, Gagandeep Lamba	Cureus 2025;17(4):e82299	2025
27		SCOPUS	Evaluation of stress distribution of masticatory forces on Zirconia, Bioflx, and Graphene crown in primary mandibular molars using finite element analysis	Nupur Suresh Ninawe, Priyanka Airen, Nilam Vitthalrao Honaje, Naveen Reddy, Devendra Nagpal	J Indian Soc Pedod Prev Dent 2025;43:136-42.	2025
28		Non-indexed	Impact of Customized oral health education module among Visual, Hearing impaired and Normal healthy children in Central India: A Longitudinal study	Pooja Rathi, Narendra Chandranee, Devendra Nagpal, Pritam Khorgade	Journal of Dentistry and Oral Research	2024
29	40655641	PUBMED	Comparative study on the effect of various implant-abutment connections on microbial leakage	Journal of pharmacy and bioallied sciences	Dr Richa Sahai	2025

30		SCOPUS WoS	Effect of silane treatment of aluminium oxide nanoparticles on its antimicrobial property in PMMA denture base resin	Journal of the International Clinical Dental Research Organization	Dr Rajlakshmi Banerjee	2025
31	-	SCOPUS WoS	Comparative evaluation of flexural strength of heat polymerized PMMA DBR material reinforced with silanized aluminium oxide nanoparticles and silanized tetragonal Zr Oxide nanoparticles: an in vitro study	Journal of the International Clinical Dental Research Organization	Dr Richa Sahai	2025
32		SCOPUS	Prevalence of temporomandibular disorders in India: a systematic review	Annals of Dental Specialty	Dr Saeed Deshpande Dr Neelam Pande	2025
33	-	SCOPUS	Prevalence of gross caries edentulism and cysts in a known population and their management with root canal treatment, removable and fixed partial dentures and surgical procedures respectively	Journal of Chemical Health Risks	Dr. Ojas Gajbhiye	2025

34	-	SCOPUS	Prevalence of Complete edentulism, Class 2 Malocclusion and impacted Teeth in a known population and their treatment with complete denture, Myofunctional Appliances and Disimpaction Respectively	Journal of Chemical Health Risks	Dr. Samidha Pande	2025
35		SCOPUS	Assessment of knowledge attitude and practice of antibiotic usage amongst under graduates, interns and post graduates dental students: a questionnaire based study	Journal of Xidian University	Dr Utkarsh Ande Dr Anuj Chandak	2025
36	-	UGC CARE	Comparative evaluation of dimensional accuracy of irreversible hydrocolloid impression material using different types of tray	IP Annals of Prosthodontics and Restorative Dentistry	Dr Ashraf Quereshi , Dr Shyam Gundavar, Dr Saeed Deshpande , Dr Neelam Pande, Dr Abhishek Torane	2025
37	-	UGC CARE	Comparative evaluation of flexural strength of heat polymerized polymethylmethacrylate denture base material reinforced with silanized titanium	IP Annals of Prosthodontics and Restorative Dentistry	Dr Anagha Waghmare, Dr Saeed Deshpande , Dr Jayashree Joshi, Dr Neelam Pande, Dr Srushti	2025

			dioxide nanoparticles and silanized aluminium oxide nanoparticles–An in vitro study		Ravindra Ghagans	
38		Non indexed	Comparative Analysis of Self Directed Learning Readiness among Undergraduate and Post graduate students of a Dental Institute of Central India	Journal of Indian Dental Association	Dr Priti Jaiswal	2025
39		Non indexed	Evaluation of perception, Knowledge and attitude regarding the role of Artificial Intelligence (AI) amongst Dental Practitioners Practicing in Nagpur Region; A Cross- Sectional Study	Journal of Prosthetic and Implant Dentistry	Dr Vijeta Gajbhiye Dr Richa Sahai	2025
40		Non Indexed	Evaluation of willingness to practice dentistry after completion of internship among the interns of a private dental college in India – A cross sectional study	Clinical Dentistry	Dr Anita Kahar Dr Akshay Mishra Dr Jayashree Joshi	2025
41	38595399	PUBMED	3D printing: opening the horizons in dentistry	Journal of pharmacy and bioallied sciences	Dr Richa Sahai	2024

42	39926719	PUBMED	Impact of implant angulation on stress distribution and survival rate of implant supported fixed dental prosthesis : A prospective clinical study	Journal of pharmacy and bioallied sciences	Dr Ojas Gajbhiye	2024
43		SCOPUS WoS	Investigation of quality of life of head and neck cancer patients after prosthetic rehabilitation	Journal of the International Clinical Dental Research Organization	Dr Saeed Deshpande Dr Neelam Pande	2024
44	-	SCOPUS WoS	Effect of Graphene Reinforcement on the Color Stability of Polymethyl Methacrylate Provisional Restorative Material – An in vitro Study.	Journal of the International Clinical Dental Research Organization	Dr Vaishnavi Banode Dr Saeed Deshpande Dr Neelam Pande	2024
45	-	SCOPUS	Prevalence of class 2 malocclusion and edentulism in a known population and its treatment using various appliances and implant prosthesis and Fixed Prosthesis	African journal of Biological sciences	Dr. Samidha Pande	2024
46	-	SCOPUS	Synthesis of a Novel Nanocomposite Using Silver Nanoparticles, Sodium Alginate and Papaya Extract and Its Anti-Inflammatory Potential	Korean Journal of Physiology and Pharmacology	Dr Ojas Gajbhiye	2024

47	-	SCOPUS	Clinical Outcomes of Implant-supported Fixed Dental Prosthesis for Full-mouth Rehabilitation Using Different Restorative Materials: A Systematic Review.	Indian Journal of Dental Sciences	Dr Ruchita S. Kumbhare Dr Rajlakshmi Banerjee Dr Priti Jaiswal, Dr Abhishek Torane	2024
48	-	SCOPUS	Assessment of study skills and its correlation with academic performance of First BDS students	Journal of Xidian University	Dr Anita Kahar, Dr Jayashree Joshi	2024
49	-	SCOPUS	Evaluation of relationship between systemic osteoporosis and reduction of residual ridge in edentulous patients	Journal of Xidian University	Simran Marwah Dr Saeed Deshpande	2024
50	-	SCOPUS	Development and evaluation of training module on ergonomics in dentistry for undergraduate dental students- A cross sectional study	Journal of Xidian University	Anjali Ahuja Dr Saeed Deshpande	2024
51	-	SCOPUS	Comparative evaluation of effect of repeated microwave disinfection on the surface hardness of PEEK : An In Vitro study	Journal of Xidian University	Dr Akhil Rathi Dr Neelam Pande Dr Twinkle Hatmode	2024

		SCOPUS	Stem cells for a smile reborn: regenerative strategies in dentistry	African journal of biological sciences	Dr Ojas Gajbhiye	2024
	-	UGC CARE	Comparative evaluation of flexural strength of conventional heat polymerized denture base resin reinforced with non-silanized and silanized aluminum oxide powder- An in vitro study	IP Annals of Prosthodontics and Restorative Dentistry	Dr Shraddha Sahni, Dr Saeesh Deshpande*, Dr Sham Gundawar, Dr Neelam Pande	2024
	-	UGC CARE	Evaluation and comparison of the antimicrobial efficacy of three commercially available denture cleansing agents against different microorganisms: An in vitro study	IP Annals of Prosthodontics and Restorative Dentistry	Dr Rashmi Salkar, Dr Saeesh Deshpande*, Dr Akhil Rathi, Dr Neelam Pande, Dr Radha Goverdhan, Dr Kalyani Deshmukh	2024
	-	UGC CARE	Prosthetic rehabilitation of a patient with combination prosthesis	IP Annals of Prosthodontics and Restorative Dentistry	Priya Gupta, Saeesh Deshpande, Kalyani Prashant Deshmukh*, Neelam Pande	2024
		UGC CARE	Comparative evaluation of flexural strength of heat polymerized polymethyl methacrylate (PMMA) denture base material reinforced with different	IP Annals of Prosthodontics and Restorative Dentistry	Dr Runali Chavan, Dr Saeesh Deshpande*, Dr Usha Radke, Dr Neelam Pande	2024

			percentages of silanized zirconium silicate nanoparticles – An in vitro study			
	-	UGC CARE	Assessment of practice of self-medication among the general public of Nagpur city- A cross sectional	Journal of Academy of dental Education	Fouzia Hasan Dr Anita Kahar, Dr Jayashree Joshi	2024
		Non Indexed	Assessment of awareness and practices about oral hygiene among general public of Nagpur city-a cross sectional survey	Clinical Dentistry	Akre R, Kahar A, Joshi J	2024
	-	Non Indexed	Effects of training module regarding learning management system (LMS) on knowledge and attitude of dental undergraduates toward use of LMS	Journal of Advances in Dental Practice and Research	Rutuja Rajabhau Kale Dr Saeed Deshpande	2024
	-	Non indexed	Rehabilitation of atrophic maxilla with pterygoid implants: a systematic review	Journal of Prosthetic and Implant Dentistry	Dr Anushree Bhoge	2024
	-	Non indexed	Awareness of dental esthetics among dental students: A Cross-sectional survey	Journal of Advances in Dental Practice and Research	Dr Jaishree Chahande	2024

52	-	Non indexed	Project-Based Learning: Tool to Assess Dental Interns' Competencies in Prosthodontics	TADCOM-International Journal of Preventive & Evidence Based Dentistry IJPEM	Dr Jaishree Chahande	2024
53		Non indexed	Evaluation of association of effect of stage III and IV periodontitis on oral health related quality of life in patients with chronic kidney diseases.	International Journal of Research and Analytical Reviews	Dr. Pranjali Bawankar, Dr. Mayur Tupate, Dr. Vaibhav Alone, Dr Abhay Pandurang Kolte	2024
54	39323713	PubMed	Comprehensive Classification System for Localized Alveolar Bone Deficiencies in Treatment Planning for Dental Implants: A Proposed Classification and Prevalence Study	Cureus	Abhay Kolte , Rajashri Kolte , Pranjali Bawankar Prachi R. Rathi , Shreya Warkad , Pavan Bajaj , Prasad Dhadse	2024
55	39411739	PubMed	Efficacy of allogenic bone block graft in maxillary alveolar ridge reconstruction: A systematic review	Journal of Indian Society of Periodontology	Aishwarya Ramkishan Purohit, Rajashri Abhay Kolte, Abhay Pandurang Kolte, Vrushali Nilesh Lathiya	2024
56	39411730	PubMed	Assessment of peri-implant tissues in posterior implants placed using flapless approach: A clinicoradiographic study	Journal of Indian Society of Periodontology	Pranjali Vijaykumar Bawankar, Abhay Pandurang Kolte, Rajashri Abhay Kolte	2024

57	39512299	PubMed	Comparative Evaluation of Hard- and Soft-tissue Changes in Immediate Implant Placement Using Flapless Approach with and without Demineralized Freeze-dried Bone Allograft Clinically and Radiographically Using Cone-beam Computed Tomography	Journal of Contemporary Clinical Dentistry	Mukesh Purohit, Abhay P. Kolte, Rajashri A. Kolte, Divya S Trivedi	2024
58	40018714	PubMed	Effectiveness of vestibular incision subperiosteal tunnel access technique in the treatment of multiple adjacent gingival recession defects: A systematic review	Journal of Indian Society of Periodontology	Prabhnoor Tuli, Abhay Pandurang Kolte, Rajashri Abhay Kolte, Vrushali Nilesh Lathiya	2024
59	40313343	PubMed	Association between anxiety and sleep quality in periodontally healthy, gingivitis, and periodontitis patients: A cross-sectional study	Journal of Indian Society of Periodontology	Abhay P. Kolte, Rajashri Abhay Kolte, Amruta S. Verma, Prachi R. Rathi, Dhanashree Ghoderao	2024
60	40313337	PubMed	Evaluation of the efficacy of microneedling alone and in combination with injectable hyaluronic acid in augmentation of peri-implant soft tissues: A randomized controlled trial	Journal of Indian Society of Periodontology	Pranjali Vijaykumar Bawankar, Prabhnoor Tuli, Abhay P. Kolte, Rajashri Abhay Kolte	2024

61	40313337	PubMed	Comparative evaluation of herbal gel as an adjunct to nonsurgical periodontal therapy in Stage III periodontitis: A randomized split-mouth clinical trial	Journal of Indian Society of Periodontology	Surekha Ramrao Rathod, Supriya Suresh Kaule, Pranjali Vijaykumar Bawankar, Abhay Pandurang Kolte	2024
62		SCOPUS	An Interdisciplinary approach for the Management of Labial-Cervical-Vertical Groove: A Case Report	Journal of Xidian University	Dr. Amruta Verma Dr. Surekha Rathod	2025
63		SCOPUS	Enhancement of Soft and Hard Tissue Structures Through Bone Regenerative Therapies in Periodontal Disease: A Comprehensive Review	Journal of Xidian University	Dr. Shivani Koli Dr. Surekha Rathod Dr. Abhay Kolte	2025
64	40313342	PubMed	Comparative Evaluation of Herbal Gel as an adjunct to Non-Surgical Periodontal Therapy in Stage III Periodontitis: A Randomized Split Mouth Clinical Trial.	Journal of Indian Society of Periodontology	Dr. Surekha Rathod Dr. Supriya Kaule Dr. Pranjali Bawankar Dr. Abhay Kolte	2024
65		UGC-CARE	Evaluation of structural oral viva examination as an assessment tool in the subject of periodontology	SRM Journal of Research in Dental Sciences	Rathod Surekha Ramrao Koli Shivani Kolte Abhay	2024

66	39371890	PubMed	Giant Cell Tumor of the Patella: A Case Report.	Cureus	Dr. Shivshankar Jadhav Dr. Yogita Rathod Dr. Surekha Rathod	2024
67		SCOPUS	Comparative Evaluation of Effect of Syzygium Cumini Seed Extracts and Psidium Guajava Leaf Powder against Periodontal Pathogens: An In Vitro Study	World Journal of Dentistry	Khushi Banthia, Mitali Baxi, Diksha Bhagat, Samiksha Bihare, Pranjali V Bawankar, Ujjwala Makhne-Shelke	2024
68	40291797	Pubmed Scopus	Physiotherapy in improving the interincisal mouth opening in oral submucous fibrosis: Meta-analysis.. Journal of Oral Biology and Craniofacial Research 15 (2025) 677–683.	Journal of Oral Biology and Craniofacial Research	Ashish Bodhade , Alka Dive , Monal Yuwanati , Amol Gadbail , Dhara Dwivedi	April - 2025
69		Non Indexed	New physiotherapy device for interincisal mouth opening in oral submucous fibrosis patients: A pilot study. Journal of Advances in Dental Practice and Research. 2024; 3:10-4. doi:10.25259/JA DPR_30_2024.	Journal of Advances in Dental Practice and Research	Ashish S. Bodhade, Alka M. Dive, Abhijeet Arvind Raut	2024

71		Non-Indexed	Lane Tumor with lame prognosis: An unusual case report. 2024; Frontiers in Health Informatics	Frontiers in Health Informatics	Dr. Sorte Rakshata R, Dr. Dive Alka M, Dr. Moharil Rohit B, Dr. Bagdey Shubhangi P, Dr. Bodhade Ashish S, Dr. Pakhale Aayushi P	2024
70	39927011	PubMed	Doxycycline Proniosomal Gel as Local Drug Delivery System in Periodontal Disease: A Vitro Study.	Journal of Pharmacy and Bioallied Sciences.	Dr. Dhawal Mody Dr. Vrushali Lathiya Dr. Vaishnavi Biradar Dr. Abhay Kolte Dr. Vaishnavi Langde	2024
71		SCOPUS	Periodontal disease and risk of coronary artery disease in geriatric population: A mini review	Journal of Xidian University	Dr. Dhawal Mody Dr. Vaishnavi Biradar Dr. Vrushali Lathiya	2024
72		SCOPUS	Assessment and correlation of anxiety, metabolic syndrome and periodontal disease in smokers and non-smokers: A cross-sectional study.	Journal of Xidian University	Dr. Vrushali Lathiya Dr. Rishi Bora Dr. Pornima Dhote Dr. Neha Deshpande Dr. Abhay Kolte	2024

**Ranjeet Deshmukh Dental College and Research Centre, Nagpur**

**List of Copyrights (2024-2025)**

Sr. No	Name of Staff Member	Name of Department	Year	Copyright/ Patent with application number	Title	In Process/ Granted
1	Dr Yogesh Rathod, Dr Pratima Sheno, Dr Manjusha Warhadpande	Conservative dentistry & Endodontics	2024	L-151954/2024 Dt. 26/07/2024	CBCT Evaluation Of Relationship between mandibular third molar agenesis and Extra root anchorage in Mandibular first molar in Central India Population.	Registered
2	Dr. Chetana Makade, Dr Pratik Burad, Dr Pratima Sheno	Conservative dentistry & Endodontics	2024	154619/2024 Dt. 16/07/2024	Artistic Work on Save a tooth : First Aid for Knocked out permanent Front teeth - 6 Rules for first 15 minutes	Registered
3	Dr Pratik Burad Dr Chetana Makade, Dr. Kushal Fuladi, Dr Pratima Sheno	Conservative dentistry & Endodontics	2024	CF-5723/2024 Dt. 25/07/2024	Cinematograph Film on Awareness of Prevention and Treatment for Dental Caries	Registered
4	Dr. Shriya Shahu Dr Mohit Gunwal, Dr Pratima Sheno	Conservative dentistry & Endodontics	2024	L-150960/2024 Dt. 15/07/24	Literary Work on Classification of Sterilization Packaging System	Registered
5	Dr Vidya Mokhade Dr Chetana Makade, Dr. Pratik Burad	Conservative dentistry & Endodontics	2024	L-150534/2024 Dt. 04/07/2024	Literary Work on Case History format for Conservative Dentistry and Endodontics	Registered

	Burad				Endodontics	
6	Dr.Chetana Makade	Conservative dentistry & Endodontics	2024	L-150803/2024 09/07/2024	MDET's Makade & Dhote's ecofriendly techniques for manipulation of Gypsum Products in Dentistry	Registered
7	Dr Sagarika Sortey, Dr Gautam Badole, Dr Pratima Shenoi	Conservative dentistry & Endodontics	2024	L-154190/2024	Classification of Remineralization Agents 23-09-2024	Registered
8	Dr. Pratima Shenoi Dr Ankita Ramteke, Dr Mohit Gunwal, Dr Ramakrishna Shenoi	Conservative dentistry & Endodontics	2024	L-155812/2024 , 24-10-2024	Literary Dramatic Work Endodontic Case File	Registered
9	Dr Mohit Gunwal, Dr Chetana Makade, Dr Shriya Shahu, Dr Ankita Ramteke	Conservative dentistry & Endodontics	2024	L-158098/2024 Dt: 10-12-2024	Save The Fragment & Save the Tooth	Registered
10	Dr. Vandana Kokane	Conservative dentistry & Endodontics	2025	L-159316/2025 03/01/2025	Literary/ Dramatic work It is an Endodontic procedure, which can be used for stabilizing a root which is fractured from the cervical region.	Registered
11	Dakshita Pohane Dr.Chetana Makade Dr.Pratima Shenoi Dr.Pratik Burad	Conservative dentistry & Endodontics	2025	A-157290/2025	Soothing solution for dental Pulp to maintain Vital Pulp	Registered

	Dr. Vidya Mokhade					
12	Dr. Ramakrishna Sheno	OMFS	2024	37090/2024-CO/2	Copyright on "Use of Transcutaneous Electric Nerve Stimulation (TENS) for post-operative pain management after disimpaction of mandibular third molars"	Registered
13	Dr. Vrinda Kolte	OMFS	2024	37090/2024-CO/2	Copyright on "Use of Transcutaneous Electric Nerve Stimulation (TENS) for post-operative pain management after disimpaction of mandibular third molars"	Published
14	Dr. Karishma Jadhav	OMFS	2024	37090/2024-CO/2	Copyright on "Use of Transcutaneous Electric Nerve Stimulation (TENS) for post-operative pain management after disimpaction of mandibular third molars"	Published
15	Dr. Shantanu Raut, Dr. Usha shenoy	Orthodontics	2025	Copyright : 15125/2025-CO/L	Association of Mid Palatal Suture Ossification with Cvmi and Mineralization of Permanent Maxillary Canine and Permanent Maxillary 2 <sup>nd</sup>	Published

					Molar Using Nollas Tooth Development Stages in Normodivergent Hypodivergent and Hypodivergent Growth patterns - A Cone Beam Computed Tomography Study.	
16	Dr. Saniya Budhani	Department of pediatric and Preventive Dentistry	2023	9972/2024-CO/L	Comparative evaluation of retention of pit and fissure sealant with and without 38% SDF in 6-8 year old children: an in vivo study	Granted
17	Dr. Juili Dorlikar	Department of pediatric and Preventive Dentistry	2023	17937/2023-CO/L	Comparative evaluation of instrumentation time, quality of obturation and postoperative pain using kedos plus and prof baby gold rotary file system for primary molar pulpectomies - randomized controlled trial	Granted
18	Dr. Abhilasha dugad	Department of pediatric and preventive dentistry	2023	187828/2023-CO/L	Effect of frequently consumed beverages on surface roughness and color stability of zirconia crown and	Granted

					bioflx crown:an in vitro study	
19	Dr. Shruti Dawale	Department of pediatric and preventive dentistry	2024	4927/2025-CO/L	Comparative evaluation of efficacy of lidocaine gel and lidocaine ice button as topical anaesthetic for greater palatine nerve block in children aged 6-10 years : A randomized controlled study	Registered
20	Dr. Sheel Mate	Department of pediatric and preventive dentistry	2024	6318/2025-CO/L	Comparative evaluation of the effect of different antioxidants in reducing tooth discoloration caused by 38% silver diamine fluoride in primary molars: a randomized controlled trial	Registered
21	Dr. Neha Tapdiya	Department of pediatric and preventive dentistry	2024	842/2025-CO/L	Comparing and evaluating behavioral changes and anxiety in sensory adapted dental environment (SADE) and regular dental environment (RDE) on 6-8 years aged children: A randomized control cross over stud	Registered

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22	Dr. Surekha Rathod	Periodontics and Implantology	17/6/25	4684/2025-CO/L	Comparative evaluation of 5% Melatonin gel in combination with Platelet Rich Fibrin and Platelet Rich Fibrin alone in the treatment of Intrabony defects: A Clinico-Radiographic Study.	Registered
23	Dr. Surekha Rathod	Periodontics and Implantology	20/5/25	7199/2025-CO/L	Protocol for evaluation of clinical efficacy of locally delivered novel composite gel containing bromelain as an adjunct to nonsurgical periodontal therapy.	Registered
24	Dr. Surekha Rathod	Periodontics and Implantology	15/4/25	36149/2024-CO/L	effectiveness of polyherbal containing mouthwash in gingivitis patients	Registered
25	Dr. Surekha Rathod	Periodontics and Implantology	8/11/24	28155/2024-CO/L	Introduction of a Novel Periosteal Elevator: "CleanFlow PerioElevator	Registered
26	Dr. Surekha Rathod	Periodontics and Implantology	3/02/2025	L-160342/2025	Comparative evaluation of 5% melatonin gel in combination with platelet rich fibrin and platelet rich fibrin alone in the treatment of intrabony defects: a clinico-	Registered

					radiographic study	
27	Dr. Surekha Rathod	Periodontics and Implantology	4/12/24	755/2022-CO/L	A Case control study for evaluation of hearing impairment in relation to Eustachian tube dysfunction and correlation of trace elements in serum of patients with oral submucous fibrosis	Registered
28	Dr. Surekha Rathod	Periodontics and Implantology	09/01/2025	L-159594/2025	Evaluation of effective of a novel herbal treatment of periodontal osseous defects: a clinico-radiographic study	Registered
29	Dr. Pranjali Bawankar	Periodontics and Implantology	2024	L-145167/2024	Protocol of evaluation and comparison of antimicrobial efficacy of a novel herbal chewing gum containing neem extracts with doxycycline and chlorhexidine on periodontal pathobioants: An invitro microbiological study.	
30	Dr. Pranjali Bawankar	Periodontics and Implantology	2024	L-149651/2024	Questionnaire for assessment of knowledge, awareness and attitude amongst	

					patient with chronic kidney disease about their association with periodontitis.	
31	Dr. Neha Deshpande	Periodontics and Implantology	2024	L-144771/2024	Assessment of periodontal health status in patients having metabolic syndrome with and without smoking: An observational study	
32	Dr. Neha Deshpande	Periodontics and Implantology	2024	L-141847/2024	Assessment of anaemia of chronic disease in healthy subjects and chronic periodontitis patients: A cross sectional study	
33	Dr. Neha Deshpande	Periodontics and Implantology	2024	L-154180/2024	Effect of socioeconomic status on periodontal Health	
34	Dr. Radhika Rathi	Periodontics and Implantology	2024	L-151309/2024	Comparative evaluation of effect of Non-surgical periodontal therapy on serum levels of DNA sensing inflammasomes absent in melanoma 2 (AIM2), Interferon gamma inducible protein (IFI16), cytokine Interleukin	

					(IL18), in stage III periodontitis with and without type 2 diabetes mellitus- An interventional study	
35	Dr. Rajashri Kolte	Periodontics and Implantology	2024	L-158163/2024	Comparative evaluation of PISA, PESA and oral health related quality of life in controlled and uncontrolled type 2 diabetes mellitus patients- A Cross sectional Study.	Registered
36	Dr. Siddhi Sonare	Periodontics and Implantology	2024	L-151513/2024	Comparative evaluation of vestibular incision subperiosteal tunnel access (VISTA) technique with and without A-PRF impregnated with DFDBA in the treatment of recession defects in maxillary anterior region- A randomized controlled trial	Registered
37	Dr. Abhay Kolte	Periodontics and Implantology	2024	L-143989/2024	Sinus Membrane Thickness in Periodontally Healthy and stage III periodontitis patients and its	Registered

					correlation with anatomical parameters using Cone Beam Computed Tomography.	
38	Dr. Tushar Mohata	Periodontics and Implantology	2024	L-151314/2024	Comparative evaluation of bone density in posterior maxilla in patients treated with dental implants alone, dental implants with 1% metformin gel coating along with CGF- A clinic-radiographic study.	Registered
39	Dr. Pranjali Bawankar	Periodontics and Implantology	2025	L-161526/2025	Protocol for evaluation and Comparison of patient reported outcome measures and anti-plaque effectiveness of a novel herbal chewing gum containing neem extracts with placebo chewing gum: A Double Blind cross over trial.	Registered
40	Dr. Ritika Gattani	Periodontics and Implantology	2025	L-163460/2025	Comparative evaluation of pinhole surgical technique with and without T-PRF in the treatment of	Registered

					multiple adjacent gingival recession defects: A randomised controlled trial.	
42	Dr. Saurabh Loya	Periodontics and Implantology	2025	LD-20250164767	Comparative Evaluation of Bone Density and Peri Implant Tissues in Implants placed in Maxillary Anterior Segment using Osseodensification with or without L-PRF: A Randomized Control Trial.	Registered
43	Dr. Pranjali Bawankar	Periodontics and Implantology	2025	L-163560/2025	Effectiveness of Polyherbal Containing Mouthwash In Gingivitis Patients.	Registered
44	Dr. Pranjali Bawankar	Periodontics and Implantology	2025	LD-20250164899	Protocol For Evaluation Of Clinical Efficacy Of Locally Delivered Novel Composite Gel Containing Bromelain As An Adjunct To Nonsurgical Periodontal Therapy	Registered
45	Dr. Pranjali Bawankar	Periodontics and Implantology	2025	LD-20250166073	Protocol For Evaluation Of Anti-inflammatory And Wound	Registered

					Healing Properties Of Novel Herbal In Situ Gel Containing Ashwagandha And Aloe Vera Extracts : An In-vitro Study"	
46	Dr. Pranjali Bawankar	Periodontics and Implantology	2025	6556/2025-CO/L	Protocol For Evaluation Of Cytotoxicity Inflammatory Gene Expression And Influence On Oxidative Stress Modulation Of Novel Vitamin D3 Insitu Gel: An Invitro Study.	Registered
47	Dr. Aishwarya Ikhar	Periodontics and Implantology	2025	3555/2025-CO/L	Gender Based Evaluation Of Positional Variations Of Gingival Papilla And Its Proportions: A Clinico Radiographic Study.	Registered
48	Dr. Vrushali Lathiya	Periodontics and Implantology	2025	LD-20250169617	A Protocol For Formulation And Comparative Evaluation Of The Osteoanabolic Effects Of A Novel Strontium Carbonate Gel With Hydroxyapatite/ beta-tricalcium Phosphate Graft	Registered
49	Dr. Vrushali Lathiya	Periodontics and Implantology	2025	LD-20250173868	A Protocol for Comparative Evaluation of Microneedling-	

					Assisted i-PRF with and without Hyaluronic acid 2% for the management of Anterior Maxillary Black Triangles: A Split-Mouth Randomized Controlled Trial	
50	Dr Rohit Moharil	Oral pathology	2025	L- 161354/2025	CPS Mentorship Module	
51	Dr. Rakshata Sorte	Oral Pathology	2025	L- 152954/2024	THE H & E WORLD	
52	Dr. Rakshata Sorte	Oral Pathology	2025	L- 160326/2025	STUDENT TRIANGLE OF PSYCHOLOGICAL SUPPORT	
53	Dr. Rakshata Sorte	Oral Pathology	2025	L- 160329/2025	THE STAR MODULE OF SCDP (SPECIAL CARE DENTAL PRACTICE) IN PREGNANCY	
54	Dr. Rajashri Kolte	Periodontics	2025		Gender based evaluation and correlation of alveolar process and tooth inclination in maxillary anterior region: a CBCT study	
55.	Dr. Mukta Motwani	Oral Medicine and Radiology	2025		Morphological evaluation of nasopalatine canal length and angle using CBCT: A systematic review and meta analysis	
56.	Dr. Neelam Pande	Prosthodontics	2025		Sops for ergonomics of dental students	
57.	Dr. Tapasya Karemore	Oral Medicine and Radiology	2025		Evaluation of efficacy of moringa leaf extract in	

					treatment of OSMF with standard treatment protocol: A randomized control trial	
58.	Dr. Tapasya Karemore	Oral Medicine and Radiology	2025		Sadhana- an anxiety reduction protocol for alleviating anxiety among patients undergoing maxillofacial surgery	
59	Dr. Jaishree Chahande	Prosthodontics	2025		Designing and assessing a novel e-portfolio module for holistic development of dental UG students	
60	Dr. Surekha Rathod	Periodontology	2025		Rhk ortho perio index	

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**RANJEET DESHMUKH DENTAL COLLEGE AND RESEARCH  
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**List of Patent Applications till June 2025**

Sr. No.	Name of Staff Member	Name of the Department	Year	Application Number	Title	Applied/ Published
1	Dr Neelam Pande	Prosthodontics	2024-2025	432809-001	Gothic arch training device for complete denture patients	Published
2	Dr Saeed Deshpande	Prosthodontics	2024-2025	202421058430	Device for adjustment of occlusal plane	Published
4	Dr Saeed Deshpande	Prosthodontics	2024-2025	202221018438	Device to check tissue compressibility of edentulous patients	Published
5	Dr. Akhil Rathi	Prosthodontics	2024-2025	202521014456	'An adjustable impression tray'	Patent early publication
6	Dr. Surekha Rathod	Periodontics	2024-2025	202521015106	Herbal Effervescent Foaming tooth tablet and preparation method thereof	Published
7	Dr. Surekha Rathod	Periodontics	2024-2025	202421072091	An osteoanabolic dental gel formulation and preparation method thereof	Published
8	Dr. Pranjali Bawankar	Periodontics	2024-2025	202521002126 A	Patent entitled "A rechargeable Gum Massager"	Published
9	Dr. Pranjali Bawankar	Periodontics	2024-2025	202521037820 A	Patent applied for "Rechargeable gingival scraper."	Published
10	Dr. Pranjali Bawankar	Periodontics	2024-2025	202521038035	Patent applied for "Dental mouth prop with protective guard."	Published
11	Dr. Pranjali Bawankar	Periodontics	2024-2025	202521037812	Patent applied for "A customisable impression tray for dental implant procedures."	Published
12	Dr. Pranjali Bawankar	Periodontics	2024-2025	202521029644	Oral dental polymer composite hydrogel formulation and preparation method thereof	Published
13	Dr. Chetana Makde	Conservative Dentistry and Endodontics	2024-2025	438025-001	Customized jig tooth brushing simulation device	Published

14	Dr. Vinisha Bajaj	Periodontics	2024-2025	20242107352	A rechargeable periosteal elevator	Published
15	Dr. Surekha Rathod	Periodontics	2024-2025	202421006731	An AI based portable device for Dental disease protection	Published
16	Dr. Rajesh Kubde	Conservative Dentistry and Endodontics	2024-2025	20242104801A	A tongue retractor	Published
17	Dr. Pratima Sheno	Conservative Dentistry and Endodontics	2024-2025	202421059318A	FOCUS	Published
18	Dr. Rajesh Kubde	Conservative Dentistry and Endodontics	2024-2025	202521009523 A	An automated device for cutting gutta percha	Published
19	Dr. Gautam Badole	Conservative Dentistry and Endodontics	2024-2025	202421101943-A	Split Mould For Single Tooth.	Published
20	Dr Neelam Pande	Prosthodontics	2023	202321020845	A device to receive full porcelain fused to metal restorations	Published
21	Dr. Rajashri Kolte Dr. Abhay Kolte	Periodontics & Implantology	2024	202321084978 A	A dental device for intraoral visibility and photography aid.	Published
22.	Dr. Surekha Rathod Dr. Pranjali Bawankar	Periodontics & Implantology	2024	202421043656	A dental gel formulation and preparation method there of	Published
23.	Dr. Surekha Rathod	Periodontics & Implantology	2024	202221069556	NOVEL ZR55CO30TI15 ALLOY	Published
24	Dr. Surekha Rathod Dr. Pranjali Bawankar	Periodontics & Implantology	2024	202421030005	Herbal Mouthwash for oral hygiene maintenance	Published
25	Dr. Surekha Rathod Dr. Prachi Rathi	Periodontics & Implantology	2024	202321076838	A dentognathic model for crown lengthening procedure.	Published
26	Dr. Surekha Rathod	Periodontics & Implantology	2023	202321041670	A Process for preparation of gel by combination of Psidium guava leaf extract and Syzygium cumini seed extract for	Published

					the treatment of chronic periodontitis.	
27	Dr. Pranjali Bawankar Dr. Surekha Rathod	Periodontics & Implantology	2024	202421052632	A biomaterial based in-situ gel and preparation method thereof	Published
28	Dr. Surekha Rathod Dr. Prachi Rathi	Periodontics & Implantology	2024	202421053097	"An apparatus for the preparation of PRF membranes"	Published
29	Dr. Surekha Rathod Dr. Pranjali Bawankar	Periodontics & Implantology	2024	202421065423	Clean Flow Perio Elevator	Published
30	Dr. Surekha Rathod	Periodontics & Implantology	2024	202421072091	An osteoanabolic dental gel formulation and preparation method thereof"	Published
31	Dr. Surekha Rathod	Periodontics & Implantology	2024	202421006731	An Artificial Intelligence based potable device for dental disease detection	Submitted
32	Dr. Dhawal Mody Dr. Vrushali Lathiya Dr. Abhay Kolte	Periodontics & Implantology	2024	202421006084	Mucoadhesive proniosomal gel formulation comprising doxycycline and preparation method thereof.	
33	Dr. Pranjali Bawankar Dr. Abhay Kolte	Periodontics & Implantology	2024	202421028984	A self-retained intraoral retractor cum bite block	Published
34	Dr. Pranjali Bawankar Dr. Abhay Kolte	Periodontics & Implantology	2024	202421028983	An in situ formulation comprising vitamin D3 and preparation method thereof	Published
35	Dr. Pratima Sheno Dr. S R Sheno Dr. Shriya Shahu	Conservative Dentistry and Endodontics	2024	202021042255	Patent Granted for A pouch for sterilization and storage of Dental Operative instruments.	Published
36	Dr. Ashish Bodhade &	Oral Pathology &	2023	202321029215	Utility Patent application titled	Applied

	Dr. Alka Dive	Microbiology			"DEVICE FOR JAW OPENING EXERCISE"	
37	Dr. Sandeep Khandaitkar, Dr. Shashank Hiwarkar, Dr. Gagandeep Lamba	Oral Surgery	2022	202221029849 A	A maxillo - mandibular fixation device	Published
38	Dr. Pranjali Bawankar Dr. Abhay Kolte	Periodontics & Implantology	2023	202321034556A	Vitamin D3 in situ gel formation and method of preparation thereof.	Published
39	Dr. Neelam Pande	Prosthodontics	2023	202321020845	A device to receive Full porcelain-fused-to-metal restorations	Published
40	Dr. Surekha Rathod, Dr. Pranjali Bawankar, Dr. Shivshankar Jadhav	Periodontics & Implantology	2022	202221024984	A Gel Composition for treatment of chronic periodontitis and method preparation thereof.	Published
41	Saeed Deshpande	Prosthodontics	2022	202221018438	"A device to check tissue compressibility for edentulous patients"	Applied

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**List of Patents granted**

Sr. No.	Name of Staff Member	Name of the Department	Year	Application Number and Date	Title	In Process/ Granted
1.	Dr. Abhay Kolte Dr. Girish Bodhare Dr. Rajashri Kolte	Periodontics & Implantology	2017	Application no- 201721016658 Date- 11/05/2017	A device used to measure intraoral dimensions required for implant placement (Patent)	Granted
2.	Dr. Surekha Rathod, Dr. Noopur Gonde, Dr. Srushti Dhande	Periodontics & Implantology	2021	Application no- 2021121027241 Date- 18/06/2021	A Process for Preparing stable locally acting sustained release composition of melatonin.	Granted
3.	Dr Pranav Ingole, Dr. Jui Karmarkar, Dr. Nilima Budhraj, Dr. S.R, Sheno, Dr. Vrinda Kolte	Oral and Maxillofacial Surgery	2021	Application Number 202121017522	PI-Plate: Innovative bone plate design for management of sub-condylar fracture by open reduction and Internal Fixation	Granted
4.	Dr. Abhay Kolte	Periodontics and Implantology	2024	Application Number	An AI based periodontal diagnostic device	Granted
5.	Dr. Sandeep Khandaitkar	OMFS	2024	Application Number 544615	A maxillomandibular fixation device	Granted
6.	Dr. Surekha Rathod	Periodontics	2025	Application Number 459091-001	A portable device for screening of diabetes and periodontitis	Granted
7.	Dr. Surekha Rathod	Periodontics	2025	Application Number 447411-001	Device for screening of oral diseases	Granted

8.	Dr. Surekha Rathod	Periodontics	2025	Application Number 449415-001	Ortho Perio Probe	Granted
9.	Dr. Pranjali Bawankar	Periodontics	2025	Application Number 418430-001	AI Based Periodontal Treatment Device	Granted
10.	Dr. Pranjali Bawankar	Periodontics	2025	Application Number 202421065423	Design Patent granted for Clean Flow Perio elevator	Granted

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**LIST OF ONGOING RESEARCH PROJECTS (2024-25)**

**PERIODONTICS & IMPLANTOLOGY**

SR.NO.	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR	TITLE	IEC NUMBER
1.	Dr. Surekha Rathod	Dr. Pranjali Bawankar	Evaluation of effect of Syzygium cumini & orange peel mouthwash on periodontal health in type 2 Diabetes Mellitus Patients – A Randomize Controlled Trial	IEC/RDDDC&RC/STAFF/Periodontic s/99/2025
2.	Kashish kewlani	Dr.Abhay Kolte Dr.Pranjali Bawankar	Evaluation of Anti-inflammatory properties of novel herbal insitu gel containing Ashwagandha and Aloe vera extracts and its influence on oxidative stress regulation and wound healing	IEC/RDDDC&RC/UG/Periodontics/10 8/2025
3.	Queeni Mahendra Khakse	Dr. Pranjali Bawankar	Evaluation of Anti Inflammatory Properties of novel Vitamin D3 IN SITU gel and its influence on oxidative stress regulation and wound healing; An invitro study.	IEC/RDDDC&RC/UG/Periodontics/10 3/2025
4.	Ankita Kewate	Dr. Abhay Kolte Dr. Pranjali Bawankar	Invitro Assessment of cytotoxicity, gene expression and enzyme activity of a novel herbal insitu gel containing Ashwagandha and aloe vera extracts A comprehensive Biochemical and molecular analysis.	IEC/RDDDC&RC/UG/Periodontics/10 6/2025
5.	Kumudini Kawale	Dr. Abhay Kolte Dr.Pranjali Bawankar	Evaluation of Anti inflammatory and wound healing properties of novel herbal insitu gel containing ashwagandha and aloe vera extracts; An invitro study.	IEC/RDDDC&RC/UG/Periodontics/10 7/2025
6.	Kunjali D. Mehta	Dr.Pranjali Bawankar	Evaluation OFD cytotoxicity, inflammatory gene expression, influence of oxidatve stress modulation of novel Vitamin D3 Insitu gel.	IEC/RDDDC&RC/UG/Periodontics/10 2/2025
7.	Vishakhya S Kumbhare	Dr. Pranjali Bawankar	Invitro Assessment of cytotoxicity, gene expression and enzyme activity of novel Vitamin D3 insitu gel - A comprehensive biochemical and molecular analysis.	IEC/RDDDC&RC/UG/Periodontics/10 3/2025
8.	Riddhishri Kedia	Dr. Pranjali Bawankar	In vitro assessment of the anti inflammatory wound	IEC/RDDDC&RC/UG/Periodontics/10

			healing and enzyme modulatory effects of normal Vitamin D3 institu gel.	5/2025
9.	Tannushree Jaiswal	Dr. Abhay Kolte	Comparative evaluation of clinical efficacy of locally delivered novel gel containing Aloe vera and Ashwagandha extract as an adjunct to non-surgical periodontal therapy: A randomized controlled trial.	IEC/RDDC&RC/UG/Periodontics/11 6/2025
10.	Sanskruiti Pusdekar	Dr. Surekha Rathod	Evaluation of effect of Syzygium cumini and Orange peel mouthwash on Periodontal Health in Patients undergoing orthodontic treatment- A Randomized controlled Trial.	IEC/RDDC&RC/UG/Periodontics/11 7/2025
11.	Siddhi Bhadule	Dr. Surekha Rathod	Evaluation of anti-plaque effect of a Novel herbal chewable tablet containing orange peel and synzium cumini extract in patients undergoing orthodontic therapy: A Randomized Controlled trial.	IEC/RDDC&RC/UG/Periodontics/15 2/2025
12.	Jivida Bhujade	Dr. Pranjalil Bawankar	In vitro evaluation of antimicrobial and antiplaque efficacy of a Novel herbal chewable tablet.	IEC/RDDC&RC/UG/Periodontics/15 3/2025
13.	Puniti Bohra	Dr. Neha Deshpande	Assessment of Periodontal Health Status in Patients having Hypertension with and without Smoking: An Observational Study.	IEC/RDDC&RC/Intern/Periodontics/ 185/2025
14.	Dr. Dhawal Mody		Correlation between Periodontal Soft Tissue dimensions and alveolar bone thickness in maxillary anterior teeth: A cross-sectional study.	IEC/RDDC&RC/Staff/Periodontics/1 75/2025
15.	Dr. Vrushali Lathiya		Evaluation of Microneedling-Assisted i-PRF with and without hyaluronic acid 2% for the management of anterior maxillary black triangles: A split mouth randomized controlled trial.	IEC/RDDC&RC/Staff/Periodontics/1 76/2025
16.	Dr. Surekha Rathod		Development of AI-Based Model for Detecting Diabetes and Periodontitis using Dermatoglyphic Patterns: A Cross sectional study	IEC/RDDC&RC/Staff/Periodontics/1 58/2025
17.	Abhishhek Bawaskar	Dr. Vrushali Lathiya	Comparative evaluation of novel Doxycycline gel and 10% Doxycycline hyclate gel as an adjunct to scaling and root planning in Stage III Periodontitis.	IEC/RDDC&RC/Intern/Periodontics/ 160/2025
18.	Dr. Abhay Kolte		Retrospective analysis and correlation of peri-implant tissue health and PROMS in indirect sinus lift bone	IEC/RDDC&RC/Staff/Periodontics/1 77/2025

19.	Pranav Bhutada	Dr. Vinisha Bajaj	augmentation. Correlation between smoking and Mandibular Bone Mineral Density: An Analytical study using Panoramic Indices.	IEC/RDDC&RC/Int/Periodontics/17 9/2025
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### PROSTHODONTICS

SR.NO.	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR	TITLE	IEC NUMBER
1.	Dr. Jyoti Sharma	-	Evaluation of awareness, advancement and challenges regarding AI aided robot assisted modern surgery among young dental practitioners: A cross-sectional study.	IEC/RDDC&RC/Staff/Prosthodontics/17/3/2024
2.	Dr. Anita Kahar	Dr. Jayashree Joshi	Effectiveness of BOPPPS teaching model over conventional teaching- An exploratory study.	IEC/RDDC&RC/Staff/Prosthodontics/100/2024
3.	Dr. Sandeep B Khavane	Dr. Neelam Pande	Comparative evaluation of anxiety level, comfort and time taken using digital and conventional impression technique among	IEC/RDDC&RC/122/2025
4.	Mrunali Bhimte	Dr. Anushree Bhoge	Knowledge attitude and practice of dental practitioners and PG students on shade matching of anterior teeth.	IEC/RDDC&RC/Int/Prosthodontics/110/2025
5.	Anshuli Mohit Deshmukh	Dr. Jaisree Chahande	Efficacy of training module on awareness regarding allergies in dentistry amongst undergraduates: A cross-sectional Interventional study	IEC/RDDC&RC/Int/Prosthodontics/114/2025
6.	Harshal Gwalani	Dr. Chahande	Evaluation of dental issues of Martial artist and develop a new device for performance optimization- Randomized Control Trial.	IEC/RDDC&RC/Int/Prosthodontics/125/2025
7.	Sanruddhi Mahakulkar	Dr. Chahande	Evaluation of lateral throat form in completely edentulous patients using proposed calibrated device: An In vivo study.	IEC/RDDC&RC/Int/Prosthodontics/147/2025
8.	Avani Jadhav	Dr. Chahande	Evaluation of caries prevalence in Type I and Type II Diabetes Mellitus & Non- diabetic patients- A case control study.	IEC/RDDC&RC/Int/Prosthodontics/146/2025
9.	Vidhi Lakhwani	Dr. Jaisree	Oral health status of children and adult patients with beta	IEC/RDDC&RC/Int/Prosthodontics/14

		Chahande		thalassemia- A case control study.	9/2025
10.	Prema Mohod	Dr. Chahande	Jaishree	A comprehensive assessment of oral health nutritional status and treatment needs of geriatric population of old age home of Nagpur City, India: Analytical Interventional Study.	IEC/RDDC&RC/Int/Prosthodontics/14 8/2025
11.	Roshani Lonare	Dr. Vijeta Gajbhaye		Assessment of knowledge and awareness of thermoplastic resin among Dentist and Dental Technician in Central India (A Questionnaire Based Survey).	IEC/RDDC&RC/Int/Prosthodontics/16 1/2025
12.	Ruchita Barai	Dr. Jayashree Joshi		Evaluation of oral health status, Hygiene Practices & Addictive oral habits among industrial workers: A cross-sectional study.	IEC/RDDC&RC/UG/STU/80/2024
13.	Tanishka Kurani	Dr. Chahande	Jaishree	Evaluation of Oral Health Status and awareness of oral hygiene among the tribal population of Vidarbha region, Maharashtra, India- A cross-sectional study.	IEC/RDDC&RC/UG/Prosthodontics/5 51/2025
14.	Shrushti Lokhande	Dr. Vijeta Gajbhaye		To evaluate the impact of Oral Health Mobile applications among young adults to assess the associations with their Oral Health Status at Tertiary care Hospitals, Hingna, Nagpur: An interventional study.	IEC/RDDC&RC/UG/Prosthodontics/1 66/2025
15.	Sangini Jaiswal	Dr. Anita Kahar		Effect of Oral Health education, sensitization on oral health knowledge, attitude and practices among children residing in orphanages of Nagpur City- A Quasi experimental Study.	IEC/RDDC&RC/UG/Prosthodontics/1 65/2025
16.	Dr. Pranoti Ranit	Dr. Anuj Chandak		Knowledge, attitude and practice of ceramic laminate/ veneer among dental practitioner- A need assessment survey.	PRESENTED IEC PENDING
17.	Mirza Shuaa Hasan	Dr. Jyoti Sharma		Assessment of Dental Practitioners knowledge, Attitude and Perception of referral practices regarding physiotherapy for management of Temporomandibular joint disorders in central India- An Observational Study.	IEC/RDDC&RC/Int/Prosthodontics/18 3/2025

CONSERVATIVE DENTISTRY AND ENDODONTICS

SR.NO.	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR	TITLE	IEC NUMBER
1.	Dr. Prathamesh Sawant	Dr. Chetana Makade	Assessment and evaluation of symptoms associated with cracks on teeth in patients around Nagpur City- An observational study	IEC/RDDC&RC/PG/CONSDENTISTRY/131/2025
2.	Dr. Khushi Sajani	Dr. Mohit Gunwal	Comparative evaluation of Microleakage in three different Calcium Silicate Cement used as intra- orifice barrier in endodontically treated teeth- An invitro confocal study.	IEC/RDDC&RC/PG/CONSDENTISTRY/134/2025
3.	Dr. Abhay Wasu	Dr. Gautam Badole	Comparative evaluation of Pushout bond strength and marginal integrity of NTA and MTA Putty- An invitro study.	IEC/RDDC&RC/PG/CONSDENTISTRY/132/2025
4.	Dr. Khyati Palan	Dr. Pratima Shenoi	Assessment of salivary cortisol levels using ELISA and its correlation to patients undergoing emergency endodontic therapy: An in-vivo study.	IEC/RDDC&RC/PG/CONSDENTISTRY/135/2025
5.	Dr. Pranita Ingle	Dr. Pratima Shenoi	Comparative efficacy of Dual-Volume Intracanal Cryotherapy on pain after single visit root canal treatment.	IEC/RDDC&RC/PG/CONSDENTISTRY/01/2025
6.	Dr. Bhumnika Vaswani	Dr. Pratima Shenoi	Comparative Evaluation of Dental Cracks and Instrument fracture in Pro-taper, EndoStar Re Endo, and Re Treay Retreatment files- A Pilot Study	IEC/RDDC&RC/PG/CONSDENTISTRY/133/2025
7.	Dr. Pratik Badge	Dr. Rajesh Kubde	Comparative evaluation of efficacy of smear layer removal by 17% EDTA, 5.25% NaOCl, Triphala and green Tea as final irrigants- An In vitro study.	IEC/RDDC&RC/PG/CONSDENTISTRY/130/2025
8.	Aarya Zalke	Dr. Shriya Shahu	Awareness of possible oral health implications of lipstick and their usage pattern among women in the Vidarbha Region: A cross-sectional questionnaire study.	IEC/RDDC&RC/UG/CONS/163/2025
9.	Tanya Nandagawali	Dr. Pratik Burad	A cross-sectional survey among dental practitioners for assessing the impact of conventional and modern methods on the surface texture and esthetics of various dental restorations in individuals of Central India Region.	IEC/RDDC&RC/UG/CONS/171/2025
10.	Rujivi Pimple	Dr. Chetana Makade	Comparative evaluation of Dental erosion factors and salivary factors in dental and medical students of	IEC/RDDC&RC/UG/CONS/164/2025

11.	Dr. Sunayna Bidave	Dr. Vandana Kokane	VSPMAHE: A cross-sectional study. Comparative evaluation of Injection pain during administration of local anesthesia after topical anesthetic gel versus cryotherapy application.	IEC/RDDCRC/Pg/CONS/184/2025
12.	Dr. Shefali Giri	Dr. Gautam Badole	Comparative evaluation of the effect of dentin pre-treatment using pomegranate peel extract and apple cider vinegar on shear bond strength of universal adhesive system after total etch technique: An invitro study	IEC/RDDCRC/Pg/CONS/188/2025
13.	Dr. Bhumika Vaswani	Dr. Pratima Shenoi	From ocean to enamel: Analyzing remineralising potential of mussel bio-adhesives and Nacre on Demineralized Enamel	IEC/RDDCRC/Pg/CONS/187/2025
14.	Dr. Jayendra Desai	Dr. Rajesh Kubde	Comparative evaluation of the effect of sodium hypochlorite, EDTA and HEDP Solutions on the cyclic Fatigue Resistance of Heat treated Rotary NiTi File System: An In Vitro Study.	IEC/RDDCRC/Pg/CONS/178/2025
15.	Dr. Shefali Giri	Dr. Gautam Badole	Comparative evaluation of the effect of dentin pre-treatment using pomegranate peel extract and apple cider vinegar on shear bond strength of universal adhesive system after total etch technique: An invitro study	IEC/EDDCRC/Pg/CONS/188/2025
16.	Tanvi Pote	Dr. Shriya Shahu	Awareness of recent trends and factor influencing clinical decision making towards vital pulp therapy in carious permanent teeth amongst dental interns in central India: A cross sectional survey	IEC/EDDCRC/INTERN/CONS/186/2025

ORAL PATHOLOGY

SR. NO.	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR	TITLE	IEC NUMBER
1.	Dr. Ashish Bodhade		Epigenetic Profiling of H3K27ac in Oral Submucous Fibrosis and Oral Squamous Cell Carcinoma: An Immunohistochemical Study.	IEC/RDDC&RC/DEAN/159/2024
2.	Sana Ibra	Dr. Ashish Bodhade	To evaluate behavioral Changes and Physiological parameters in patients suffering from dental pain: A cross-sectional study.	IEC/RDDC&RC/DEAN/181/2024
3.	Priyal Wasule	Dr. Alka Dive	Evaluation of Salivary pH, salivary flow rate gustatory perceptions among post-menopausal women- An observational study.	IEC/RDDC&RC/DEAN/06/2024
4.	Dr. Harshada Misal	Dr. Shubhangi Bagdey	Assessment of awareness and knowledge regarding tobacco related oral cancer and potentially malignant disorders among dental patients- A cross sectional study.	IEC/RDDC&RC/DEAN/139/2024
5.	Dr. Sheetal Kedar	Dr. Ashish Bodhade	A quantitative evaluation of saliva in persons without habit, with habit without oral submucous fibrosis and oral submucous fibrosis patients.	IEC/RDDC&RC/DEAN/109/2024

#### ORAL SURGERY

SR. NO.	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR	TITLE	IEC NUMBER
1.	Dr. Kshitiij Bang	Dr. Hrushikesh Malikar	Clinicoradiographic comparative evaluation of xenograft plus platelet rich fibrin over platelet rich fibrin in trans sinus implants: A Randomized Controlled trial	IEC/RDDC&RC/STAFF/OS/111/2025
2.	Dr. Sandeep Khandaitkar		Comparative evaluation of effectiveness of 2% Lignocaine HCL, 2% Lignocaine HCL with 0.2ml 10% Magnesium Sulfate, and of 2% Lignocaine HCL with	IEC/RDDC&RC/STAFF/OS/129/2025

			1:200,000 Adrenaline 0.2ml 10% Magnesium Sulfate in Infraorbital Nerve block- A Randomized Control Trial	
3.	Kanak Kene	Dr. Rahul Dahake	Comparative evaluation of Abgel soaked in triple antibiotic paste vs plain Abgel in mandibular third molar surgery- A Randomized Control Trial	IEC/RDDC&RC/INT/OS/156/2025
4.	Venus Kale	Dr. Vrinda Kolte	Comparing the effectiveness of Adrenaline, Clonidine, and Dexmedetomidine in enhancing local anesthesia for orthodontic extractions using the Infraorbital block: A Randomized Controlled trial	IEC/RDDC&RC/INT/OS/142/2025
5.	Savi Jain	Dr. Ranakrishna Sheno	Effectiveness of Metronidazole coated silk sutures vs conventional silk sutures in healing of wound after disimpaction surgery of mandibular third molars: A prospective comparative study	IEC/RDDC&RC/INT/OS/155/2025
6.	Bhumi Khandelwal	Dr. Nilima Budhraya	A comparative evaluation of vertical mattress vs running X suturing techniques in achieving optimal wound closure over chin region- A double blinded randomized controlled trial!	IEC/RDDC&RC/INT/OS/154/2025
7.	Tanvi Karemore	Dr. Sandeep Khandaitkar	Comparative evaluation of effectiveness of 2% Lignocaine HCL, 2% Lignocaine HCL with Magnesium Sulfate, and of 2% Lignocaine HCL with 1:200,000 Adrenaline in Inferior alveolar nerve- A Randomized Control Trial	IEC/RDDC&RC/INT/OS/143/2025
8.	Yasha Kothari	Dr. Kshitiy Bang	Block v/s Infiltration: Comparative analysis assessing the effectiveness of infraorbital nerve block and buccal infiltration in orthodontically indicated maxillary premolar extractions- A split mouth, single blind, Randomized control trial.	IEC/RDDC&RC/INT/OS/162/2025

ORTHODONTICS

SR.NO.	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR	TITLE	IEC NUMBER
1.	Dr. Harshal C. Burtile	Dr. Himija Karia	Attitude, knowledge and perception of the effects of debonding on surface enamel amongst orthodontists; A questionnaire based study.	IEC/RDDC&RC/PG/ORTHODONTICS/125/2025
2.	Dr. Akshata Awachat	Dr. Ananaya Hazare	Designing an AI-powered workflow for a mobile application to assess the orthodontic treatment need of tribal population in Gadchiroli district using intraoral photographs.	IEC/RDDC&RC/PG/ORTHODONTICS/174/2025

#### PEDIATRICS AND PREVENTIVE DENTISTRY

SR.NO.	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR	TITLE	IEC NUMBER
1.	Dr. Neha Tapadiya	Dr. Purva Chaudhari	Comparative evaluation of cleaning efficacy and effectiveness of triple headed toothbrush and manual U shaped tooth brush in 3-6 years aged children: A Randomized controlled trial	IEC/RDDC&RC/PG/PEDODONTICS/138/2025
2.	Dr. Shiruti Dhawale	Dr. Devendra Nagpal	Effectiveness of Biofeedback therapy on Dental anxiety of 7-12 year old children during restorative procedure: A randomized controlled trial.	IEC/RDDC&RC/PG/PEDODONTICS/137/2025
3.	Devangi Bhure	Dr. Samrudhi Khondalav	Effectiveness of traditional versus digital oral health education interventions among Parents of Kindergarten children- An interventional study.	IEC/RDDC&RC/UG/PEDODONTICS/169/2025

#### PUBLIC HEALTH DENTISTRY

SR.NO.	PRINCIPAL	CO-INVESTIGATOR	TITLE	IEC NUMBER

SR.NO.	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR	TITLE	IEC NUMBER
1.	Palak Gupta	Dr. Swapnil Patil	Association of dermatoglyphic patterns and Salivary pH with dental caries in individuals with juvenile diabetes: A cross-sectional study.	IEC/RDDC&RC/INT/PHD/170/2025
2.	Dakshita Pohane	Dr. Venugopal Reddy	Assessment of effect of exposure to pesticide on oral health status of Farmers in Hingna Taluka- Cross-Sectional Comparative Study.	IEC/RDDC&RC/INT/PHD/180/2025

#### ORAL MEDICINE, DIAGNOSIS AND RADIOLOGY

SR.NO.	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR	TITLE	IEC NUMBER
1.	DR. Shahoo Bahale	Dr. Tapasya Karemore	Evaluation and correlation of the effect of maxillary sinus volume on craniofacial growth pattern in Vidarbha region: A CBCT Study.	IEC/RDDC&RC/PG/ODMR/124/2025
2.	Dr. Archita Patel Dr. Palak Kasilwal	Dr. Mukta Motwani Dr. Surekha Rathod	Comparative evaluation of a portable device with conventional method of screening of patients of oral submucous fibrosis- A cross sectional observational study.	IEC/RDDC&RC/PG/ODMR/115/2025
3.	Dr. Archita Patel	Dr. Mukta Motwani	Evaluation of reliability of newly developed machine learning model to estimate human age using panoramic radiographs	IEC/RDDC&RC/PG/ODMR/110/2025
4.	Dr. Poonam Ambhore	Dr. Tapasya Karemore	Evaluation of efficacy of Moringa leaves extract in treatment of Oral Submucous Fibrosis in comparison with standard treatment protocol - A Randomised Controlled Trial	IEC/RDDC&RC/PG/ODMR/11/2025
5.	Dr. Ruchita Bhujade	Dr. Apeksha Dhole	Comparative evaluation to check efficacy of Silver nanoparticles, Salibact and Chlorhexidine mouthwashes against Candida Albicans in complete denture wearer -A Randomized Controlled trial	IEC/RDDC&RC/PG/ODMR/12/2025
6.	Rishita Akre	Dr. Apeksha Dhole	Comparative assessment of three different educational	IEC/RDDC&RC/DEAN/08/2024

			methods in visually impaired individuals regarding tobacco & areca nut use-A multicentric study.	
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**LIST OF COMPLETED RESEARCH PROJECTS (2024-25)**

**PERIODONTICS & IMPLANTOLOGY**

SR.NO.	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR	TITLE	IEC NUMBER
1.	Kanchan Bahad	Dr Surekha Rathod Dr Pranjali Bawankar	Evaluation of clinical efficacy of locally delivered novel composite gel containing bromelain as an adjunct to non surgical periodontal therapy.	IEC/RDDC&RC/UG/STU/87/2024
2.	Vaishnavi Gupta	Dr Pranjali Bawankar Dr Surekha Rathod	Evaluation of clinical efficacy of locally delivered novel gel containing green apple ring extract as an adjunct to non surgical periodontal therapy.	IEC/RDDC&RC/UG/STU/86/2024
3.	Dr. Dhawal Mody	Dr. Vaishnavi Langde	Analysis of association between maxillary sinus lateral wall thickness, Schneiderian membrane thickness and residual alveolar ridge height in dentate and partially edentulous patients: A CBCT Study.	IEC/RDDC&RC/Staff/Perio/85/2024

**PROSTHODONTICS**

SR.NO.	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR	TITLE	IEC NUMBER
1.	Dr. Priyanka Jain	Dr. Rajlaxmi Banerjee	Knowledge and awareness of application in prosthetics in forensic dentistry amongst dentist in Nagpur: A question based cross sectional study.	IEC/RDDC/PG/PROSTHO/07/2024
2.	Nidhi Ambekar	Dr Jaishree Chahande	Oral Health status of children and adolescents with sickle cell disease in Nagpur disease: A Cross sectional study.	IEC/RDDC/UG/52/2024
3.	Dr Anita Kahar	Komal Rawlani	Assessment of challenges faced by preclinical dental students while mounting the cast with mean value	IEC/RDDC&RC/Staff/Prosth/67/2024

4.	Dr Vijeta Gajbihiye	-	articulator.	Evaluation of Knowledge, attitude and perception regarding the role of artificial intelligence (AI) amongst dental practitioners practicing in Nagpur region: A cross-sectional study.	IEC/RDDC&RC/Staff//Prostho/74/2024
5.	Ifat Saiyad	Dr Kalyani Deshmukh		Knowledge, attitude and practices among dental professionals regarding implications of systemic drugs in dental implant osseointegration in Vidarbha Region: A cross-sectional study.	IEC/RDDCRC/Intern/Prostho/75/2024
6.	Tanvi Jadhav	Dr Deshmukh Kalyani		Knowledge, Attitude and practices regarding various impression techniques and materials used in fixed dental prosthesis amongst dentists in Nagpur: A cross sectional study.	IEC/RDDCRC/Intern/Prostho/44/2024
7.	Priyanka Telang	Dr Ojas Gajbihiye		Assessment of influence of the use of social media on patients changing dental practice in Nagpur Region: A cross sectional study.	IEC/RDDCRC/Intern/Prostho/76/2024
8.	Dr. Jayashree Joshi	Dr. Anita Kahar		Comparative evaluation of two different assessment methods used by two different evaluators to assess prosthodontic pre-clinical practical skills of dental undergraduate students.	IEC/RDDC&RC/51/2024
9.	Dr. Bushra Khan	Dr. Jyoti Sharma		Influence of social media on young adults choices of aesthetic dental treatments in central India- A Cross Sectional Study.	IEC/RDDCRC/02/2024
10.	Dr. Devina Deshpande	Dr. Jyoti Sharma		Knowledge, awareness and inclination for use of botox and dermal fillers for smile designing/ orofacial aesthetics among recent dental graduates and practicing dentists in Nagpur region: A cross sectional study.	IEC/RDDCRC/03/2024
11.	Dr. Zoya Yunus	Dr. Jyoti Sharma		Dental aesthetic and its impact on psychosocial well being and self confidence among dental students and practitioners – A cross sectional study.	IEC/RDDCRC/03/2024
12.	Dr. Utkarsh Ande	Dr. Anuj Chandak		Assessing knowledge levels on infection control among undergraduate and postgraduate dental students in Vidarbha: A questionnaire study.	IEC/RDDCRC/86/2024
13.	Gargi Santosh More	Dr. Anita Kahar		Assessment of change in attitude and physical and psychological symptoms of first year dental students	IEC/RDDCRC/85/2024

			towards cadaver dissection- A longitudinal study.	
14.	Dr. Divya Kamnani	Dr. Saeed Deshpande	Development and validation of software using artificial intelligence to predict lost vertical dimension in partially and completely edentulous patients.	IEC/RDDCRC/Pg/123/2024
15.	Dr. Shubham Bhavane	Dr. Saeed Deshpande	Development and validation of devices to check tissue compressibility in completely edentulous patients.	IEC/RDDCRC/121/2024

### CONSERVATIVE DENTISTRY AND ENDOODONTICS

SR.NO.	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR	TITLE	IEC NUMBER
1.	Saundarya Somserwar	Dr. Ankita Ramteke	Knowledge, Awareness and Practice of Dental Interns regarding endodontic treatment- Questionnaire based cross sectional survey.	IEC/RDDCRC/Dean/09/2024
2.	Sanober Sobani	Dr. Prajakta Ambulkar	Knowledge, perception and awareness of patient regarding application of home remedies for relief of dental problems, their consequences and management.	IEC/RDDCRC/Dean/10/2024
3.	Dr. Bhumnika Vaswani	Dr. Pratima Shenoi	A randomized control trial to assess post operative pain following irrigation using cryotherapy and laser activated irrigation technique during single visit endodontic treatment in symptomatic irreversible pulpitis.	IEC/RDDCRC/Pg/Cons/64/2024
4.	Dr. Urja Mali	Dr. Mohit Gunwal Dr. Pratima Shenoi	Efficacy of traditional triple, double and newer single antibiotic paste against different clinically isolated micro-organisms: An invitro study.	IEC/RDDCRC/Pg/Cons/63/2024
5.	Dr. Sunayana Bidave	Dr. Vandana Konkane	A randomised controlled trial for evaluation of post-operative pain following application of resin modified glass ionomer based varnish and Ormocer-based varnish in reducing dentinal hypersensitivity.	IEC/RDDCRC/Pg/Cons/78/2024
6.	Dr. Shefali Giri	Dr. Gautam Badole	Position of apical foramen in relation to the longitudinal axis of mandibular premolar in central India population using CBCT: A cross sectional study	IEC/RDDCRC/Dean/81/2024
7.	Dr. Anushree Pawar	Dr. Chetana Makade	Assessment of incidence and correlation of axis contacts	IEC/RDDCRC/Pg/Cons/80/2024

			using cast model, photographs and direct clinical examination in permanent dentition.	
8.	Dr Jayendra Desai	Dr Rajesh Kubde	Comparative evaluation of the effect of Acacia Nilotica, Camboponicitratu and sodium hypochlorite on the root canal dentin microhardness of single rooted mandibular premolars when used as endodontic irrigants : An in-vitro study	IEC/RDDCRC/Dean/79/2024
9.	Sakshi Sukhija	Dr. Kushal Fuladi	Assessment of Knowledge, Attitude and Practice about dental ergonomics among interns in Vidarbha region of Maharashtra- A cross sectional study.	IEC/RDDCRC/UG/Cons/25/2025

#### ORAL MEDICINE AND RADIOLOGY

SR.NO.	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR	TITLE	IEC NUMBER
1.	Dr. Anwasha Ramteke	Dr. Apeksha Dhole	Comparative assessment of knowledge, attitude and practice regarding tobacco and areca nut use among visually impaired and normally sighted individual using modified questionnaire in Braille.	IEC/RDDC&RC/Dean/11/2024
2.	Tuhina Bhattacharjee	Dr. Smiriti Golhar	Assessment of Hepatitis C awareness among students and Interns In Dental College in Nagpur.	IEC/RDDC&RC/Dean/48/2024

#### ORAL SURGERY

SR.NO.	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR	TITLE	IEC NUMBER

1.	Dr Karishma Jadhav	Dr Vrinda Kolte	Effect of transcutaneous electric nerve stimulation (TENS) on post operative pain after disimpaction of mandibular third molars: A prospective comparative study.	IEC/RDDC&RC/PG/OMFS/119/2025
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### ORTHODONTICS

SR.NO.	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR	TITLE	IEC NUMBER
1.	Priyank Jugele	Dr. Nivedita Nandeshwar	Evaluation of knowledge, awareness and practices regarding the use of artificial intelligence amongst dental practitioners: A Cross sectional Study.	IEC/RDDC&RC/Dean/24/2024
2.	Dr. Chetan Palaskar	Dr. Ananya Hazare	Pulp/ tooth ratio of mandibular first and second molar on panoramic radiograph to evaluate skeletal age of patient: A radiographic study.	IEC/RDDC&RC/PG/Orthodontics/112/2025
3.	Dr. Aditya Vaidya	Dr. Usha Shenoy	Evaluation and correlation of facial index with ANB angle and Wits appraisal in skeletal class 1, 2, 3 Malocclusion - A photographic and radiographic retrospective study.	IEC/RDDC&RC/PG/Orthodontics/85/2025
4.	Dr. Manali Niraj Jaiswal	Dr. Usha Shenoy	Assessment and correlation of influence of air quality index on hyoid bone position - A two city cephalometric study.	IEC/RDDC&RC/PG/Orthodontics/101/2025

### PEDIATRICS AND PREVENTIVE DENTISTRY

SR.NO.	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR	TITLE	IEC NUMBER

1.	Aditi Pinjarkar	Dr. Pooja Rathi	Effects of Iron containing supplements on teeth of children: A cross sectional study	IEC/RDDC&RC/Dean/6/2024
2.	Sheikh Mohd Quais	Dr Ayushi Gurharikar	The role of smartphone applications in emergency management of traumatic dental injuries: Content analysis of currently available mobile dental applications.	IEC/RDDC&RC/Dean/77/2024

### PUBLIC HEALTH DENTISTRY

SR.NO.	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR	TITLE	IEC NUMBER
1.	Srushiti Borkar	Dr Parijit Wagh	Comparison of anxiety about dental treatment among the dental, medical, physiotherapy, nursing students of VSPM campus.	IEC/RDDCRC/INT/PHD/69/2024
2.	Srushiti Borkar	Dr Parijit Wagh	Assessment of level of anxiety among the patients visiting a dental college for various dental treatments: a cross sectional study	IEC/RDDCRC/INT/PHD/69/2024

### ORAL PATHOLOGY

SR.NO.	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR	TITLE	IEC NUMBER
1.	NIMISHA AGRAWAL	DR. ASHISH BODHADE	Assessment of awareness of self identification of dental caries by general population: A cross sectional study	IEC/RDDC&DC/Dean/01/2024
2.	Tejaswini Bansod	DR. Alka Dive	Awareness regarding effects of tobacco chewing and smoking on oral and systemic health in medical undergraduates	IEC/RDDC&RC/INT/68/2024
3.	Arham Khan Pathan	Dr. Neena Dongre	Exploring the shift in oral hygiene awareness post COVID-19	IEC/RDDC&DC/Dean/126/2024

*(Signature)*

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