

**RANJEET DESHMUKH DENTAL COLLEGE AND RESEARCH
CENTRE, NAGPUR
List of Patent Granted
July 2023 onwards**

Sr. No.	Name of Staff Member	Name of the Department	Year	Title	Status
1.	Dr. Abhay Kolte	Periodontics and Implantology	2024	An AI based periodontal diagnostic device	Granted



DEAN
RANJEET DESHMUKH DENTAL
COLLEGE & RESEARCH CENTRE
Digdoh Hills, Hingna Road,
Nagpur-440019

**RANJEET DESHMUKH DENTAL COLLEGE AND RESEARCH
CENTRE, NAGPUR**

List of Patent Applications

July 2023 onwards

Sr. No.	Name of Staff Member	Name of the Department	Year	Title	Published/ Applied
1.	Dr. Pranjali Bawankar	Periodontics and Implantology	2023	'Vitamin D3 insitu gel formulation and method of preparation thereof.'	Published
2.	Dr. Abhay Kolte	Periodontics and Implantology	2023	'Stabvent Dental Implant System.'	Published
3.	Dr. Surekha Rathod	Periodontics and Implantology	2023	A process for preparation of Psidium Gujava leaf extract & Syzygium Cumini seed extract for the treatment of chronic periodontitis.	Published
4.	Dr. Neelam Pande	Prosthodontics	2023	Patent applied for 'A device to receive full porcelain fused to metal restoration'.	Published
5.	Dr. Surekha Rathod (Periodontics)	Periodontics and Implantology	2024	A dentognathic model for crown lengthening procedure.	Published
6.	Dr. Rajashri Kolte. (Periodontics)	Periodontics and Implantology	2024	A dental device for intraoral visibility and photography aid	Published
7	Dr. Sandeep Khandaikar	Oral Surgery	2024	'An Intermaxillary fixation screw.	Published
8	Dr. Dhawal Mody	Periodontics	2024	"Mocoadhesive proniosomal gel formulation comprising doxycycline and preparation method thereof."	Published
9	Dr. Rajesh Kubde	Conservative Dentistry and Endodontics	2024	"Device for trimming precise length of gutta perchas master cone for endodontic procedures."	Published

DEAN

**RANJEET DESHMUKH DENTAL
COLLEGE & RESEARCH CENTRE**
 Digdoh Hills, Hingna Road,
 Nagpur-440019

10	Dr. Pranjali Bawankar	(Periodontics)	2024	"An Insitu gel formulation comprising vitamin D3 and preparation method thereof."	Published
11	Dr. Pranjali Bawankar	(Periodontics)	2024	"A self retained intraoral retractor cum bite block."	Published
12	Dr. Surekha Rathod	(Periodontics)	2024	"A Novel ZR55CO30T115 Alloy"	Published
13	Dr. Abhay Kolte (Periodontics)	(Periodontics)	2024	"Herbal Chewing Gum formulation combining neem extract and preparation method thereof"	Published
14	Dr. Abhay Kolte (Periodontics)	(Periodontics)	2024	"Adjustable Interdental papillary elevation tool"	Published
15	Dr. Surekha Rathod (Periodontics)	(Periodontics)	2024	"A Dental gel formulation and preparation method thereof"	Published
16	Dr. Kamalkishor Mankar (Periodontics)	(Periodontics)	2024	"A topical Dental gel formation comprising erythropoietin and preparation thereof"	Published
17	Dr. Surekha Rathod (Periodontics)	(Periodontics)	2024	"Herbal Mouthwash for oral hygiene maintenance"	Published
18	Dr. Pranjali Bawankar	(Periodontics)	2024	"A Biomaterial based insitu gel and preparation method thereof."	Published
19	Dr. Rajesh Kubde	(Conservative Dentistry and Endodontics)	2024	"Tongue retractor with a connector for attachment to matrix system."	Published



DEAN

RANJEET DESHMUKH DENTAL
COLLEGE & RESEARCH CENTRE
Digdoh Hills, Hingna Road,
Nagpur-440019

20	Dr. Ashish Bodhade	(Oral Pathology)	2024	"Jaw opening exercise tool."	Published
21	Dr. Saeed Deshpande	(Prosthodontics)	2024	"Device for adjustment of occlusal plane."	Published

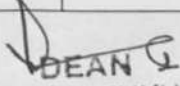


DEAN
RANJEET DESHMUKH DENTAL
COLLEGE & RESEARCH CENTRE
Digdoh Hills, Hingna Road,
Nagpur-440019


**RANJEET DESHMUKH DENTAL COLLEGE AND RESEARCH CENTRE,
NAGPUR**

**List of Copyrights
July 2023 onwards**

Sr. No.	Name of Staff Member	Name of Department	Year	Title	In Process/Granted
1.	Dr. Abhay Kolte	Periodontics & Implantology	2023	Comparative evaluation of vestibular incision subperiosteal tunnel access (VISTA) technique with or without PRF in the treatment of multiple adjacent recession defects	Granted
2.	Dr. Rajashri Kolte	Periodontics & Implantology	2023	Comparative evaluation influence of microgrooved grip and spiral implants with microgrooved abutment of perimplant hard and soft tissues: A RCT.	Granted
3.	Dr. Rajashri Kolte	Periodontics & Implantology	2023	Protocol for alveolar process and basal bone dimensions, their ratio and inclination for housing and its influence on treatment planning in Dental Implants: A CBCT Study.	Granted
4.	Dr. Surekha Rathod	Periodontics & Implantology	2023	Local delivery of picorhiza khurroa and ficus benghalensis gel as an adjunct to non surgical periodontal therapy in Chronic periodontitis.	Granted
5.	Dr. Pranjali Bawankar	Periodontics & Implantology	2023	Protocol for evaluation and correlation of effect of Stage III periodontitis on oral health related quality of life in patients with chronic kidney disease.	Granted
6.	Dr. Venugopal Reddy	Periodontics & Implantology	2023	Perceptions of the primary school teachers about implementing oral health education in the school curriculum	Granted
7.	Dr. Sandeep Khandaikar	Oral Surgery	2023	Sandeep Khandaikar's coronal flap for reconstruction of frontal bone fracture	Granted


DEAN
 RANJEET DESHMUKH DENTAL
 COLLEGE & RESEARCH CENTRE
 Digdoh Hills, Hingna Road,
 Nagpur-440019

8.	Dr. Pranjali Bawankar	Periodontics & Implantology	2023	Copyright received for 'Protocol for Assessment of knowledge, awareness & attitude among patients with chronic kidney disease about its association with periodontitis and oral health related quality of life.'	Granted
9.	Dr. Dhawal Mody	Periodontics & Implantology	2023	Copyright received for 'Comparative evaluation of DFDBA with or without Doxycycline hyclate proniosmal gel in the treatment of Class II furcation defects- A Randomized Controlled Trial'.	Granted
10.	Dr. Dhawal Mody	Periodontics & Implantology	2023	Copyright received for 'Palatal masticatory soft tissue thickness & its relation to skeletal palatal profile & palatal depth- A clinico-radiographic study.	Granted
11.	Dr. Abhay Kolte	Periodontics & Implantology	2023	Copyright received for 'Evaluation & correlation of Periodontal Inflamed Surface Area(PISA) with peripheral markers of innate immunity activation & inflammation in Stage III periodontitis with and without type II diabetes mellitus'	Granted
12.	Dr. Abhay Kolte	Periodontics & Implantology	2023	Copyright received for 'Gender based correlation of facial & anterior teeth proportions amongst different facial types- A Cross sectional Study'.	Granted
13.	Dr. Rajashri Kolte	Periodontics & Implantology	2023	Copyright received for 'Association of papilla presence & gingival exhibit in interdental & gingival smile line- An age & gender	Granted

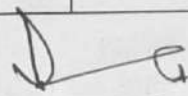

 DEAN
 RANJEET DESHMUKH DENTAL
 COLLEGE & RESEARCH CENTRE
 Bigdoh Hills, Hingna Road,
 Nagpur-440019

				based evaluation.'	
14.	Dr. Abhay Kolte	Periodontics & Implantology	2023	Copyright received for 'Comparative evaluation of fdba & T-PRF with & without Vitamin D3 gel in the treatment of periodontal intrabony defects- A clinic-radiographic study.'	Granted
15.	Dr. Rajashri Kolte	Periodontics & Implantology	2023	Copyright received for 'Evaluation & correlation of Periodontal Inflamed Surface Area(PISA), serum IL-12, IL-18 levels in Stage III periodontitis patients with & without type II diabetes mellitus- A Cross sectional Study'.	Granted
16.	Dr. Vrinda Kole	Periodontics & Implantology	2023	Copyright received for 'Kolte's modification of transconjunctival incision- A natural way to protect cornea'.	Granted
17.	Dr. Abhay Kolte	Periodontics & Implantology	2023	Copyright received for 'Anxiety & sleep quality in periodontally healthy, gingivitis & periodontitis patients- A Cross Sectional Study'	Granted
18.	Dr. Surekha Rathod	Periodontics & Implantology	2023	Copyright received for 'Use of 1 minute preceptor tool in Periodontology & Implantology'	Granted
19.	Dr. Pranjali Bawankar	Periodontics & Implantology	2023	Copyright received for 'Questionnaire for assessment of patient reported outcomes & experience measures and patient satisfaction in Dental Implantology'.	Granted
20.	Dr. Abhay Kolte	Periodontics & Implantology	2023	Copyright received for 'Anxiety & smoking in periodontally healthy & periodontitis patients- A Cross Sectional Study'.	Granted




DEAN
RANJEET DESHMUKH DENTAL
COLLEGE & RESEARCH CENTRE
 Digdoh Hills, Hingna Road,
 Nagpur-440019

21.	Dr. Pranjali Bawankar	Periodontics & Implantology	2023	Copyright received for 'Protocol for comparative evaluation of hard & soft tissue changes in immediate & delayed posterior implants using flapless approach'.	Granted
22.	Dr. Kamalkishor Mankar	Periodontics & Implantology	2023	Copyright received for 'Comparative evaluation of ozone therapy and photodynamic therapy as an adjunct to scaling and root planning in Stage II and Stage III Chronic periodontitis..'	Granted
23.	Dr. Prachi Rathi	Periodontics & Implantology	2023	Copyright received for 'Comparative evaluation of definitive abutment versus conventional abutment connection and disconnection of peri-implant tissues: A prospective clinical and radiographic trial'.	Granted
24.	Dr. Prachi Rathi (Periodontics and Implantology)	Periodontics & Implantology	2023	Copyright received for 'Association of gingival line angle with gingival and interdental smile line.	Granted
25.	Dr. Jaishree Chahande (Prosthodontics)	Prosthodontics	2023	Copyright received for 'Evaluation of patient satisfaction with regards to treatment expectation during COVID 19 pandemic in prosthodontics department: Quality indicator in healthcare services.'	Granted


 DEAN
 RANJEET DESHMUKH DENTAL
 COLLEGE & RESEARCH CENTRE
 Digdoh Hills, Hingna Road,
 Nagpur-440019

26.	Dr. Abhay Kolte (Periodontics and Implantology)	Periodontics & Implantology	2023	Copyright received for 'Assessment of efficacy of injectable hyaluronic acid filler in augmentation of perimplant soft tissue: A RCT'.	Granted
27.	Dr. Priti Jaiswal (Prosthodontics)	Prosthodontics	2023	Copyright received for 'Awareness regarding periodontal problems and their preventive measures.'	Granted
28.	Dr. Surekha Rathod (Periodontics and Implantology)	Periodontics & Implantology	2023	Copyright received for 'effect of dasahnsanskar moutheas on periodontal parameters.'	Granted
29.	Dr. Surekha Rathod (Periodontics and Implantology)	Periodontics & Implantology	2023	Copyright received for 'Assessment of greater palatine foramen diameter and position in Indian population using CBCT. .	Granted
30.	Dr. Vrinda Kole (Oral Surgery)	Oral Surgery	2023	Copyright received for 'Silk - O - lectin / NYL - O - propylene: An economic option for sutures. '.	Granted


 DEAN
 RANJEET DESHMUKH DENTAL
 COLLEGE & RESEARCH CENTRE
 Digdoh Hills, Hingna Road,
 Nagpur-440019

31.	Dr. Abhay Kolte (Periodontics and Implantology)	Periodontics and Implantology	2023	Copyright received for 'Anxiety & sleep quality in periodontally healthy, gingivitis & periodontitis patients- A Cross Sectional Study'	Granted
32.	Dr. Surekha Rathod (Periodontics and Implantology)	Periodontics and Implantology	2023	Copyright received for 'Use of 1 minute preceptor tool in Periodontology & Implantology'	Granted
33.	Dr. Prnajali Bawankar (Periodontics and Implantology)	Periodontics and Implantology	2023	Copyright received for 'Questionnaire for assessment of patient reported outcomes & experience measures and patient satisfaction in Dental Implantology'.	Granted
34.	Dr. Abhay Kolte (Periodontics and Implantology)	Periodontics and Implantology	2023	Copyright received for 'Anxiety & smoking in periodontally healthy & periodontitis patients- A Cross Sectional Study'.	Granted
35.	Dr. Prnajali Bawankar (Periodontics and Implantology)	Periodontics and Implantology	2023	Copyright received for 'Protocol for comparative evaluation of hard & soft tissue changes in immediate & delayed posterior implants using flapless approach'.	Granted

36.	Dr. Jaishree Chahande	Prosthodontics	2023	Copyright received for 'Community health officers training module to deliver primary oral health care service in Central India contributing to Ayushman Bharat.'	Granted
37.	Dr. Devendra Nagpal (Pedodontics)	Pedodontics	2024	Copyright received for 'Comparative evaluation of instrumentation time quality of obturation and post operative pain using KEDOS plus and PRO AF baby Gold rotary files for primary molar pulpectomies- RCT.'	Granted
38.	Dr. Devendra Nagpal (Pedodontics)	Pedodontics	2024	Copyright received for 'Comparative evaluation of efficacy of lidocaine gel and lidocaine ice button as topical anaesthesia for maxillary buccal infiltration technique in children aged 6 – 10 years.' – A RCT.	Granted
39.	Dr. Pooja Rathi (Periodontics and Implantology)	Periodontics and Implantology	2024	Copyright received for 'Aaplya Moukhik Aarogyabaddal Braille Dware Shikuya.'	Granted
40.	Dr. Pooja Rathi (Prosthodontics)	Prosthodontics	2024	Copyright received for 'Create awareness and improve oral health in hearing and visually impaired population.'	Granted

41.	Dr. K Venugopal Reddy (Public Health Dentistry)	Public Health Dentistry	2024	Copyright received for 'Role of portable X-ray unit in community dental outreach activities.'	Granted
42.	Dr. K Venugopal Reddy (Public Health Dentistry)	Public Health Dentistry	2024	Copyright received for 'Teledentistry as a platform to increase the patient awareness about dental health through the medium of PHCs in remote areas.'	Granted
43.	Dr. K Venugopal Reddy (Public Health Dentistry)	Public Health Dentistry	2024	Copyright received for 'Perceptions of residents about their learning and working experience at a residential satellite centre of a private dental institution in Central India.'	Granted
44.	Dr. K Venugopal Reddy (Public Health Dentistry)	Public Health Dentistry	2024	Copyright received for 'Dr. Reddy's innovative idea to improve research database of the institution.'	Granted
45.	Dr. K Venugopal Reddy (Public Health Dentistry)	Public Health Dentistry	2024	Copyright received for 'Dr. Reddy's Diagnostic tool for dental screenings at Dental camps.'	Granted

46.	Dr. Vrushali Lathiya (Periodontics and Implantology)	Periodontics and Implantology	2024	Copyright received for 'Protocol for evaluation of effect of periodontal therapy on mucous membrane thickening in maxillary sinus in Stage III periodontitis'	Granted
47.	Dr. Surekha Rathod (Periodontics and Implantology)	Periodontics and Implantology	2024	'Evaluation of osteoanabolic effect of psidium gujava leaf powder – An in vitro study.	Granted
48.	Dr. Surekha Rathod (Periodontics and Implantology)	Periodontics and Implantology	2024	'Crown lengthening module.	Granted
49.	Dr. Neha Deshpande (Periodontics and Implantology)	Periodontics and Implantology	2024	Assessment of anaemia of chronic disease in healthy subjects and chronic periodontitis patients: A cross sectional study.	Granted
50.	Dr. Vrinda Kolte (Oral Surgery)	Oral Surgery	2024	Introduction of needle parking method of suturing for closure of facial contused lacerated wound.	Granted
51.	Dr. Vrinda Kolte	Oral Surgery	2024	Copyright received for 'Polygalactin/polypropylene silk – o – lactin/ NYLO propylene: An economic option for sutures.'	Granted

52.	Dr. Vrinda Kolte	Oral Surgery	2024	Copyright received for 'Mandibular ramus, condyle and glenoid fossa dimensions as predictor of age and gender in Central Indian population – CT based retrospective age cohort study.'	Granted
53.	Dr. Usha Shenoy ()	Orthodontics	2024	Copyright received for 'Copyright: LASERS in Orthodontics.'	Granted
54.	Dr. Usha Shenoy (Orthodontics)	Orthodontics	2024	Copyright received for 'Use of artificial intelligence in Orthodontics and Dentistry.'	Granted
55.	Dr. Ananya Hazare (Orthodontics)	Orthodontics	2024	Copyright received for 'A new method of age estimation of individuals by studying and analysing the radiograph of mandibular first molar.'	Granted
56.	Dr. Usha Shenoy (Orthodontics)	Orthodontics	2024	Copyright received for 'to evaluate and correlate the facial index with the ANB angle and WITS appraisal with skeletal Class III malocclusion.'	Granted

57.	Dr. Surekha Rathod (Periodontics)	Periodontics and Implantology	2024	Copyright received for 'Effect of herbal syzygium cumini seed extract on periodontal parameters.'	Granted
58.	Dr. Surekha Rathod	Periodontics and Implantology	2024	Copyright received for 'Effect of herbal based extract in the treatment of chronic periodontitis.'	Granted
59.	Dr. Surekha Rathod	Periodontics and Implantology	2024	Effect of antimicrobial activity of polyherbal gel for the treatment of chronic periodontitis.	Granted
60.	Dr. Abhay Kolte	Periodontics and Implantology	2024	Copyright received for 'sinus membrane thickness in periodontal healthy and Stage III periodontitis patients and its correlation with anatomical parameters using CBCT.'	Granted
61.	Dr. Abhay Kolte	Periodontics and Implantology	2024	Copyright received for 'Comparative evaluation of periodontal status, xerostomia severity and oral health related quality of life in controlled and uncontrolled Type II Diabetes patients.'	Granted

62.	Dr. Shriya Shahu	Conservative Dentistry and Endodontics	2024	Copyright received for 'Shahu's classification of separated instrument retrieval of separated instruments in endodontics.'	Granted
63.	Dr. Prachi Rathi	Periodontics and Implantology	2024	Copyright received for 'Comparative evaluation of efficacy DFDBA and DFDBA enriched with vit. D3 gel in alveolar socket preservation: A clinical, radiographic and histological study.'	Granted
64.	Dr. Neha Deshpande	Periodontics and Implantology	2024	Copyright received for 'Assessment of periodontal health status in patients having metabolic syndrome with and without smoking: An observational study.'	Granted
65.	Dr. Pranjali Bawankar	Periodontics and Implantology	2024	Copyright received for 'Protocol For Evaluation Of Clinical Efficacy Of Locally Delivered Vit. D3 Gel As An Adjunct To Non Surgical Periodontal Therapy In The Treatment Of Chronic Periodontitis.'	Granted
66.	Dr. Pranjali Bwankar	Periodontics and Implantology	2024	Protocol for evaluation and comparison of antimicrobial efficacy of a novel herbal chewing gum containing neem extract with doxycycline and chlorhexidine on periodontal pathobions: An invitro microbiological study.	Granted

67.	Dr. Devendra Nagpal	Pediatric and Preventive Dentistry	2024	Copyright received for 'Vermillion zone of lip in humans.	Granted
68.	Dr. Gagandeep Lamba	Pediatric and Preventive Dentistry	2024	Copyright received for 'Comparative evaluation of retention of pit and fissure sealant with and without application of 38% silver diamine-fluoride in 6-8 year old children.'	Granted
69.	Dr. Gagandeep Lamba	Oral Surgery	2024	Copyright received for 'Bursting the myths and facts in pediatric dentistry.'	Granted
70.	Dr. Rajesh Kubde	Conservative Dentistry and Endodontics	2024	Copyright received for "Modified instrument design for shearing off gutta percha from mesial canals during obturation"	Granted
71.	Dr. Priti Jaiswal	Prosthodontics	2024	Awareness regarding periodontal problems and their preventive measures	Granted

72.	Dr. Sudhir Rawlani	Public Health Dentistry	2024	Copyright received for 'Modified Version of Oral Hygiene Simplified Index (OHI-S)'	Granted
73.	Dr. Dhawal Mody	Periodontics	2024	Copyright received for 'Evaluation of osteoanabolic effect of doxycycline proniosomal gel form : An in vitro study'	Granted
74.	Dr. Pranjali Bawankar	Periodontics	2024	Copyright received for 'Questionnaire for assessment of knowledge, awareness and attitude among patients with chronic kidney disease about their association with Periodontitis'	Granted
75.	Dr. Surekha Rathod	Periodontics	2024	Copyright received for 'Evaluation of biological behaviour of novel composite graft '	Granted
76.	Dr. Mohit Gunwal	Endodontics	2024	Copyright received for 'Functional units of Human tooth Banking system'	Granted

77.	Dr. Chetana Makade	Endodontics	2024	Copyright received for 'MDET's technique for manipulation of gypsum products in Dentistry'	Granted
78.	Dr. Rajashri Kolte	Periodontics	2024	Copyright received for 'Comparative evaluation of NSPT on serum levels of DNA sensing inflammasomes Absent In Melanoma 2 , Interferron Gamma Inducible Protien, Cytokine, Interleukin in Stage III Periodontitis with and without type II DM- An Interventional Study '	Granted
79.	Dr. Chetana Makade	Endodontics	2024	Copyright received for 'Save-A-Tooth, first aid for knocked out permanent front teeth '	Granted
80.	Dr. Abhay Kolte	Periodontics	2024	Copyright received for 'Comparative evaluation of bone density in posterior maxilla in patients treated with dental implants alone, dental implants with 1% Metformin gel coating and Dental Implants with 1% Metformin gel coating along with CGF- A clinic radiographic study '	Granted

81.	Dr. Akhil Rath	Prosthodontics	2024	Copyright received for 'Effect of different drying methods on the strength of investment material used in removable prosthodontics'	Granted
82.	Dr. Abhay Kolte	Periodontics	2024	Copyright received for 'Comparative evaluation of VISTA technique with and without A-PRF impregnated with DFDBA in treatment of recession defects in maxillary anterior region- A Randomized Controlled Trial'	Granted
83.	Dr. Neelam Pande	Prosthodontics	2024	Copyright received for 'measuring patients orofacial appearance using orofacial esthetic scale in regional language.'	Granted
84.	Dr. Mukta Motwani	Oral Medicine and Radiology	2024	Copyright received for 'Correlation of midpalatal suture ossification and thickness of hard and soft tissues of midpalatal suture region with age and gender- A CBCT Study.'	Granted
85.	Dr. Apeksha Balpande	Oral Medicine and Radiology	2024	Copyright received for 'Morphometric evaluation of rosenmullar fossa and Eustachian tube on CBCT images in OSMF patients.'	Granted

86.	Dr. Apeksha Balpande	Oral Medicine and Radiology	2024	Copyright received for 'Evaluation of pharyngeal airway space and maxillary sinus volume using CBCT in overweight and obese individuals.'	Granted
-----	----------------------	-----------------------------	------	---	---------

Handwritten signature

**INSTITUTIONAL ETHICS COMMITTEE
RESEARCH PROJECTS**

ENDODONTICS

Sr No	Principle investigator	Guide/ Co-investigator	Topic	Date of IEC presentation
1	Pratik Mandawkar	Dr. Mohit Gunwal	Assessment of knowledge and awareness regarding isolation and rubber dam amongst undergraduate dental students.	20/07/2023
2	Khushi Shah	Dr. Kushal Fuladi	Assessment of challenges faced by fresh undergraduates during initial management of endodontic patients in vidarbha region of maharashtra: A cross sectional study.	19/08/23
3	Nita Shahare	Dr. Varsha Uttarwar	Unraveling the enigma-understanding the factors affecting the students' non-attendance of classes in institutions of health sciences.	19/08/23
4	Samruddhi Kakde	Dr. Aishwarya Akotkar	To assess knowledge, attitude by perception of interns, postgraduate students and general practitioners towards minimally invasive dentistry in central India.	11.09.2023
5	Juhi Mishra	Dr. Shriya Sahu	Perception and awareness of systemic manifestations of dental problems among medical interns in central India.	17/12/23
6	Dr Sagarika Sortey	Dr Gautam Badole	Comparative evaluation of the effect of pre-treatment of dentin using chitosan and grape seed extract on microtensile bond strength on composite resins: An in vitro study	13/4/24
7	Dr Aditi Dhahvijay	Dr Rajesh Kubde	Comparative evaluation of intratubular penetration depth of bioceramic sealer following the use of bio-c-temp, calcium hydroxide and triple antibiotic paste as intracanal medicament	13/4/24
8	Dr Sayali Ukey	Dr Pratima Sheno	Comparative evaluation of three different activation techniques on reduction of microbial load: A randomized controlled trial after endodontic treatment	13/4/24
9.	Yash Shete	Dr. Vidya Mokhade	Knowledge, assessment and perception regarding use of tofflemire retainer among UG Dental students.	19/08/23
10.	Dr. Vandana Kokane	-	Assessing the influence of early clinical exposure on GRIT of first year dental students of dental colleges of Nagpur city.	17/01/24
11.	Dr. Simran Gupta	Dr. Chetana Makade	Comparative evaluation of colour stability of four different type of composite resin restoration exposed to desensitizing agent- A spectrophotometric study.	17/01/24

**INSTITUTIONAL ETHICS COMMITTEE
RESEARCH PROJECTS**

12.	Dr Shweta Rathi	Dr Pratima Shenoi	Comparative assessment of 3 different irrigation activation techniques on post operative pain after	13.04.2024
13.	Dr. Sayali Ukey	Dr. Rajesh Kubde	Knowledge, Attitude and Practices of use of Electronic Apex Locators amongst General Dental Practitioners and Endodontists based in Nagpur City: A Questionnaire Based Study.	17/01/24
14.	Dr. Prachi Chaudhari	Dr. Pratima Shenoi	Comparative evaluation if marginal fit and Internal adaptation of lithium disilicate inlays fabricated using conventional, CAD-CAM and 3 dimensional printing technique-An In vitro study	30/5/24



DEAN
RANJEET DESHMUKH DENTAL
COLLEGE & RESEARCH CENTRE
Digdoh Hills, Hingna Road,
Nagpur-440019

**INSTITUTIONAL ETHICS COMMITTEE
RESEARCH PROJECTS**

ORAL MEDICINE, DIAGNOSIS AND RADIOLOGY

Sr No	Principle investigator	Guide/ Co-investigator	Topic	Date of IEC presentation
1	Dr. Bushra Siddhique	Dr. Mukta Motwani	Evaluation of prevalence of recurrent aphthous ulcer in dental students.	19/08/23
2	Vaishnavi Solanke	Dr. Smriti Golhar	Perception of Tobacco cessation counseling among dentists	19/08/23
3	Sneha Ugale	Dr. Tapasya Karemore	'Padmasadhna Protocol'- A unique way to maintain health in dental practice.	20/10/2023
4	Dr. Anwasha Ramteke	Dr. Apeksha Dhole	Comparative assessment of knowledge, attitude and practice about oral hygiene among physiotherapy and medical students of Nagpur.	20/10/2023
5	Dr. Tapasya Karemore	Dr. Mukta Motwani	Accuracy and utility of 'SMART TMJ device' as chairside TMJ examination tool.	11/12/24
6	Dr. Bushra Siddiquee	Dr. Mukta Motwani	Evaluation of effectiveness of CBCT in detection of early periodontitis in young adult cigarette smokers and non-smokers: A comparative study.	12/1/24
7	Dr. Mukta Motwani	-	Evaluation of efficacy of Soothoral gel containing Psidium Guajava extract, Matricaria Chamomilla oil and Cucurbita pepo oil in Recurrent Aphthous Stomatitis: A Randomized Controlled Trial.	12/1/24
8	Shruti Vaidya Aniket Upare	Dr Apeksha Dhole	Knowledge and attitude regarding Diabetes Mellitus and its dental implication among non-teaching staff	24/6/24
9	Vedika Zubre	Dr Tapasya	Correlation of Lip prints, Fingerprints and palm with gender, age and ABO blood group	24/6/24

**INSTITUTIONAL ETHICS COMMITTEE
RESEARCH PROJECTS**

	Isha Baiswall	Karemore	among population visiting to tertiary centre: a cross-sectional study.	
10	Sejal Khudale		To evaluate the effect of nicotine free formulation in tobacco cessation: A randomized control trial	24/6/24



DEAN
RANJEET DESHMUKH DENTAL
COLLEGE & RESEARCH CENTRE
Digdoh Hills, Hingna Road,
Nagpur-440019

**INSTITUTIONAL ETHICS COMMITTEE
RESEARCH PROJECTS**

ORAL PATHOLOGY

Sr No	Principle investigator	Guide/ Co-investigator	Topic	Date of IEC presentation
1	Dr. Shubhangi Bagdey	Dr. Rohit Moharil	Awareness amongst undergraduate students about the investigations done in oral pathology department- An online survey	19/08/23
2	Rohit Aochar	Dr. Alka Dive	Knowledge and awareness about Forensic Dentistry among the undergraduate dental students in Nagpur.	11.09.2023
3	Simran Ashkan	Dr Rohit Moharil	Salivary thiocynate levels among tobacco and non tobacco users	13/4/24
4	Triveni Ambedare	Dr. Shubhangi Khandekar	Infection control: Knowledge and complaine among undergraduate dental students.	20/7/23
5	Ruchi Bansod	Dr. Ashish Bodhade	A comparative study between blending learning technique versus traditional technique in preclinics and clinical practices among dental students.	20/7/23
6	Ruchi Bansod	Dr. Ashish Bodhade	Stress Management using background music during dental extractions.	20/7/23
7	Abha Joshi	Dr. Rohit Moharil	Evaluation of cytological changes in oral mucosa by tobacco consumption.	20/7/23
8	Sahili Bansod	Dr. Neena Dongre	Oral Cancer: An evaluation of knowledge and awareness in undergraduate dental students.	20/7/23


DEAN
RANJEET DESHMUKH DENTAL
COLLEGE & RESEARCH CENTRE
Digdoh Hills, Hingna Road,
Nagpur-440019

**INSTITUTIONAL ETHICS COMMITTEE
RESEARCH PROJECTS**

ORAL SURGERY

Sr No	Principle investigator	Guide/ Co-investigator	Topic	Date of IEC presentation
1	Abhilasha Lad	Dr. Sandip Khandaitkar	Comparative evaluation of effectiveness of tablet in tablet compression coating combination of aceclofenac, paracetamol and serratiopeptidase with that of conventional one in extraction of maxillary and mandibular first and second molars- RCT	20/07/2023
2	Shubham Narkhede	Dr. Sandip Khandaitkar	A study to evaluate efficacy of 2% lignocaine with dexmedetomidine and 2% lignocaine with adrenaline 1:200000 as local anaesthetic agent for extraction of posterior mandibular teeth using Inferior alveolar nerve block and buccal nerve block- RCT	20/07/2023
3	Divya Kamnani	Dr. Sandip Khandaitkar	Comparative evaluation of efficacy of use of gamification with that of conventional method in training, inferior alveolar nerve block.	20/07/2023
4	Dr. Sandeep Khandaitkar	-	Comparative evaluation of effectiveness of tablet in tablet compression coating combination of Aceclofenac, Paracetamol and Serratiopeptidase with that of conventional one in extraction of mandibular third molars- Randomized Controlled Trial.	12/1/2024
5	Dr. Alvina Waghchoure	Dr. Ramakrishna Sheno	Epidemiology of patients with facial injuries who report to casualty of a tertiary care hospital: Ambidirectional study	12/1/2024
6	Dr. Ramakrishna Sheno	-	Evaluation of efficacy and safety of Aceclofenac + Paracetamol + Serratiopeptidase combination after impacted lower third molar surgery: A randomized, double-blind comparison with Aceclofenac + Paracetamol combination	14/05/2024
7	Samruddhi Lakhe	Dr. Sandeep Khandaitkar	Comparative assessment of effectiveness of intralesional injection of combination of placental extract and Hyaluronidase with dexamethasone versus with betamethasone in management of oral submucous fibrosis: A randomised controlled trial	14/05/2024
8	Akanksha	Dr. Sandeep	A study to evaluate the efficacy of dexmedetomidine with 2% lignocaine and 2%	14/05/2024

**INSTITUTIONAL ETHICS COMMITTEE
RESEARCH PROJECTS**

	Khadse	Khandaitkar	lignocaine with adrenaline 1:2,00,00 as local anaesthetic agent for extraction of posterior maxillary teeth using posterior superior alveolar nerve block – A randomised controlled study	
9	Dr Pranav Ingole	Dr AditHawerikar	To compare the effectiveness of modified platysma mucocutaneous flap and extended nasolabial flap in patients with oral submucous fibrosis.	24/06/24



DEAN
RANJEET DESHMUKH DENTAL
COLLEGE & RESEARCH CENTRE
Digdoh Hills, Hingna Road,
Nagpur-440019

**INSTITUTIONAL ETHICS COMMITTEE
RESEARCH PROJECTS**

ORTHODONTICS

Sr No	Principle investigator	Guide/ Co-investigator	Topic	Date of IEC presentation
1	Dr. Jyotshna P Shinde	Dr. Ananya Hazare	Evaluation of efficacy of PVAS device, (novel device) as compare to conventional spirometry in measuring breathing pressure, volume and velocity	20/07/2023
2	Priyanka Bhagat	Dr. Sangita Bhattacharya	Awareness regarding difficulties in orthodontics treatment.	19/08/23
3	Dr. Jyotsna Shinde	Dr. Ananya Hazare	To evaluate the mesiodistal angulations of maxillary and mandibular permanent canines, 1 st premolar, 2 nd premolar, 1 st molar and 2 nd molar in relation to infraorbital and bi-gonial plane in Angles Class I, Class II, Class III malocclusions seen in Panoramic radiographs.	20.10.2023
4	Dr. Nivedita Nandeshwar	Dr. Usha Shenoy	Artificial Intelligence: Integrated use of Fingertip Pattern as a Tool for Identification of Dermatoglyphic Trait for detecting growth patterns in different skeletal malocclusion- A cross sectional study	11/12/23
5	Dr. Sanika Thakur	Dr. Usha Shenoy	Comparison and Reliability of the Jarabak ratio and MSG angle with FMA in skeletal class I subjects with different growth patterns	14/5/24



DEAN
RANJEET DESHMUKH DENTAL
COLLEGE & RESEARCH CENTRE
Digdoh Hills, Hingna Road,
Nagpur-440019

**INSTITUTIONAL ETHICS COMMITTEE
RESEARCH PROJECTS**

PEDIATRIC AND PREVENTIVE DENTISTRY

Sr No	Principle investigator	Guide/ Co-investigator	Topic	Date of IEC presentation
1	Dr. Saniya Budhani	Dr. Gagandeep Lamba	Comparative evaluation of clown therapy and conventional behavioural management technique on dental anxiety and postop pain in 6-8 year old children: An experimental study	19/08/23
2	Shruti Pathak	Dr. Prabhat Singh	Assessment of knowledge and awareness of paediatricians regarding impact of premature loss of primary teeth.	19/08/23
3	Sharvari Devikar	Dr. Devendra Nagpal	Correlation of dietary sugar intake in dental caries in preschool children with autism spectrum disorder at a tertiary care hospital.	20.10.2023
4	Dr. Vaishnavi Game	Dr. Devendra Nagpal	Comparative evaluation of transpapillary injection technique as a substitute for palatal infiltration during extraction of primary maxillary molars in 5-8 years old children: A randomized clinical study.	11/12/24
5	Dr. Juili Dorlikar	Dr. Pooja Rathi	Effect of pre-operative use of VR google on dental anxiety in 6-8 year old children undergoing Restorative treatment- A randomized clinical study.	11/12/24
6	Dr Jayu Mohan Gawande	Dr Gagandeep Lamba	Inter-relation between acquired oral flora of infant during 1 st 48 hours of life: A microbial comparative study	13/4/24



DEAN
RANJEET DESHMUKH DENTAL
COLLEGE & RESEARCH CENTRE
Digdoh Hills, Hingna Road,
Nagpur-440019

**INSTITUTIONAL ETHICS COMMITTEE
RESEARCH PROJECTS**

PERIODONTICS

Sr No	Principle investigator	Guide/ Co-investigator	Topic	Date of IEC presentation
1	Dr. Shivani Koli	Dr. Surekha Rathod	Evaluation of osteostimulating effect of a Novel composite graft- An invitro study	07. 12. 2023
2	Dr. Vrushali Lathiya	Dr. Abhay Kolte	Formulation, invitro characterization and analysis of a novel Doxycycline Hyclate gel for its antimicrobial activity against periodontal pathogens	07. 12. 2023
3	Dr. Dhanashree Ghoderao	Dr. Abhay Kolte	Assessment of Meteorin-like protein and Visfatin level in serum and saliva in patients with hypothyroidism with and without type 2 diabetes: An observational study	07. 12. 2023
4	Dr. Abhay Kolte	-	Sinus membrane Thickness in Periodontally healthy and Stage III Periodontitis and its correlation with anatomical parameters using CBCT.	12/1/2024
5	Dr. Abhay Kolte	-	Comparative evaluation of the Periodontal status, Xerostomia severity and Oral Health Related Quality of Life in Controlled and Uncontrolled Type 2 Diabetic patients.	12/1/2024
6	Dr Surekha Rathod	Dr Shivani Koli	Comparative evaluation of 5% melatonin gel in combination with platelet rich fibrin and platelet rich fibrin alone in the treatment of intrabony defect: A clinico-radiographic study	13. 04. 2024
7	Dr Surekha Rathod	Dr Shivani Koli	Comparative evaluation of hydroxyapatite nanoparticles with and without herbal gel in the treatment of periodontal intrabony defects: A clinico-radiographic study	13. 04. 2024
8	Dr Pranjali Bawankar	Dr Abhay Kolte	Evaluation of clinical efficacy of locally delivered vitamin D3 gel as an adjunct to non surgical periodontal therapy in the treatment of periodontitis	13. 04. 2024
9	Preshita Barai Yash Bhakkad	Dr Surekha Rathod	Comparative evaluation of effect of herbal based mouthwash in gingivitis patients: A randomized controlled trial	13. 04. 2024
10	Rubal Bhiogade	Dr Pranjali Bawankar	Evaluation and comparison of anti-microbial efficacy of a novel herbal chewing gum containing neem extracts with doxycycline and chlorhexidine on periodontal	13. 04. 2024

**INSTITUTIONAL ETHICS COMMITTEE
RESEARCH PROJECTS**

11	Shalaka Bodhankar	Dr Neha Deshpande	pathobionts: An in-vitro microbiological study	
12	Dr.Kamalkishor Mankar	-	Assessment of periodontal health status in patients having metabolic syndrome(MetS)- A cross sectional study	13. 04. 2024
13	Dr. Abhay Kolte	-	Comparative evaluation of waist, circumference and waist to height ratio in periodontally healthy, Stage III/IV periodontitis with and without type 2 Diabetes Mellitus	14/5/2024
			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 crossover, clinical trial.	14/5/2024



DEAN
RANJEET DESHMUKH DENTAL
COLLEGE & RESEARCH CENTRE
Digdoh Hills, Hingna Road,
Nagpur-440019

**INSTITUTIONAL ETHICS COMMITTEE
RESEARCH PROJECTS**

PUBLIC HEALTH DENTISTRY

Sr No	Principle investigator	Guide/ Co-investigator	Topic	Date of IEC presentation
1	Abha Garode	Dr. Sushil Naik	Awareness about role of dentists in prevention of dental trauma during sports activities among sportpersons, atheletes and coaches.	19/08/23
2	Shruti Fulzele	Dr. Sudhir Rawlani	Self medication practice among dental patients in VSPM Dental College and Research Centre, Nagour.	19/08/23
3	Pooja Dudani	Vedika Deshmukh	Assessment of perceptions of Interns, Post-graduate of various dental colleges and registered private practitioners of Nagpur about practice of teledentistry.	11.09.2023



DEAN
RANJEET DESHMUKH DENTAL
COLLEGE & RESEARCH CENTRE
Digdoh Hills, Hingna Road,
Nagpur-440019