

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

Department of Periodontics & Implantology

List of Copyrights

Sr. No.	Name of Staff Member	Name of Department	Year	Application Number	Title	In Process/ Granted
1	Dr. Surekha Rathod	Periodontics and Implantology	2026	LD-20260187407	Development and fabrication of noninvasive multigeneration of salivary glucose biosensors for use in diabetic patients	Registered
2	Dr. Surekha Rathod	Periodontics and Implantology	2026	LD-20260180237	Evaluation of effect of syzygium cumini and orange peel mouthwash on periodontal health in patients undergoing orthodontic treatment : A Randomised controlled trial	Registered
3	Dr. Pranjali Bawankar	Periodontics and Implantology	2025	LD-43191/2025-CO	Implant Survival Assessment Scale (ISAS): A Novel Clinical-Radiographic tool for evaluating Dental Implant Success"	Registered
4	Dr Pranjali Bawankar, Kashish Kewlani, Dr. Abhay Kolte, Dr. Rajashri Kolte	Periodontics and Implantology	2025	LD-26660/2025-CO	Protocol for evaluation of anti-inflammatory properties of novel herbal in-situ gel containing Ashwagandha and Aloe vera extracts and its influence on oxidative stress regulation and wound healing : An in vitro- study"	Registered
5	Pranjali Bawankar Abhay Kolte Rajashri Kolte	Periodontics and Implantology	2025	15287/2024-CO/L	Protocol for assessment of "Proximal contact areas of maxillary anterior teeth and their influence on interdental papilla	Registered
6	Dr Pranjali Bawankar, Miss. Ankita Kewate, Dr. Abhay Kolte	Periodontics and Implantology	2025	LD-26749/2025-CO	Protocol for in-vitro assessment of cytotoxicity, gene expression and enzyme activity of a novel herbal in situ gel containing ashwagandha and aloe vera extracts: A comprehensive biochemical and molecular analysis"	Registered
7	Dr. Surekha Rathod Dr. Pranjali	Periodontics and Implantology	2025	LD-25609/2025-CO	Questionnaire for evaluation of antiplaque effect of a novel chewable	Registered

	Bawankar Jivida Bhujade, Siddhi Bhadule				tablet containing orange peel extract and syzygium cumini"	
8	Dr Puniti Bohria Dr Abhay Kolte	Periodontics and Implantology	2025	LD-37849/2025-CO	Assessment of periodontal health status in patients having periodontitis with and without smoking- An observational study	Registere d
9	Dr. Aishwarya Ikhar Dr. Prachi Rath Dr. Abhay Kolte	Periodontics and Implantology	2026	LD-9359/2026-CO	Protocol for Comparative Evaluation of Relationship Between Maxillary Incisors and the Incisive Canal in Dentate and Edentulous Population A CBCT Retrospective Study	Registere d
10	Dr. Aishwarya Ikhar Dr. Rajashri Kolte Dr. Abhay Kolte	Periodontics and Implantology	2025	3555/2025-CO/L	Gender Based Evaluation of Positional Variations of Gingival Papilla and Its Proportions: A Clinico Radiographic Study."	Registere d
11	Dr. Aishwarya Ikhar Dr. Rahul Dahake	Periodontics and Implantology	2025	LD- 42125/2025-CO	Evaluation of Trismus after Inferior Alveolar Nerve Block	Registere d
12	Dr. Aishwarya Ikhar Dr. Rahul Dahake	Periodontics and Implantology	2025	LD- 42934/2025-CO	Protocol for Comparative Evaluation of Hydrocortisone, Chlorhexidine, and Normal Saline as an Irrigating Solution During Surgical Removal of Impacted Mandibular Third Molar: A Randomized Clinical Controlled Trial	Registere d
13	Dr. Aishwarya Ikhar Dr. Rajashri Kolte Dr. Abhay Kolte	Periodontics and Implantology	2025	LD-42343/2025-CO	Protocol for Comparative Evaluation of Anxiety, Depression, Oral Health Status and Oral Health Quality of Life in Adults with and without Tobacco Chewing Habits: A cross- sectional study	Registere d
14	Dr. Aishwarya Ikhar Dr. Rahul Dahake	Periodontics and Implantology	2025	LD-42334/2025-CO	Protocol To Assess The Antibiotic Prescription Pattern Practice In Dentistry Of Vidarbha	Registere d
15	Dr. Aishwarya Ikhar Dr. Prachi Rath Dr. Abhay Kolte	Periodontics and Implantology	2026	LD-9359/2026-CO	Protocol for Comparative Evaluation of Relationship Between Maxillary Incisors and the Incisive Canal in Dentate and	Registere d

					Edentulous Population A CBCT Retrospective Study	
16	Dr. Dhawal Mody Dr. Vrushali Lathiya Dr. Nazish Akhtar	Periodontics and Implantology	2025	LD-5469/2025-CO	Evaluation of osteoblastic effect of fisetin gel: An Invitro study.	Registered
17	Dr. Vrushali Lathiya Dr. Abhay Kolte Dr. Dhawal Mody	Periodontics and Implantology	2025	LD-43063/2025-CO	Protocol for formulation, characterization and analysis of a novel doxycycline hyclate gel for its antimicrobial activity against periodontal pathogen.	Registered
18	Dr. Dhawal Mody Dr. Tasneem Azad Dr. Abhay Kolte Dr. Vrushali Lathiya	Periodontics and Implantology	2025	LD-54599/2025-CO	Evaluation of osteoblastic effect of a spirulina gel: An Invitro Study.	Registered
19	Dr. Surekha Rathod	Periodontics and Implantology	2025	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
20	Dr. Surekha Rathod	Periodontics and Implantology	2025	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
21	Dr. Surekha Rathod	Periodontics and Implantology	2025	36149/2024-CO/L	effectiveness of polyherbal containing mouthwash in gingivitis patients	Registered
22	Dr. Surekha Rathod	Periodontics and Implantology	2024	28155/2024-CO/L	Introduction of a Novel Periosteal Elevator: "CleanFlow PerioElevator	Registered
23	Dr. Surekha Rathod	Periodontics and Implantology	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	Registered

					intrabony defects: a clinico-radiographic study	
24	Dr. Surekha Rathod	Periodontics and Implantology	2024	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
25	Dr. Surekha Rathod	Periodontics and Implantology	2025	L-159594/2025	Evaluation of effective of a novel herbal treatment of periodontal osseous defects: a clinico-radiographic study	Registered
26	Dr. Surekha Rathod	Periodontics and Implantology	2025	LD-21179/2025-CO	Rhk ortho perio index	
27	Dr. Rajashri Kolte	Periodontics and Implantology	2025	9014/2025-CO/L	Gender based evaluation and correlation of alveolar process and tooth inclination in maxillary anterior region: a CBCT study	
28	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.	
29	Dr. Pranjali Bawankar	Periodontics and	2024	L-149651/2024	Questionnaire for assessment of	

		Implantology			knowledge, awareness and attitude amongst patient with chronic kidney disease about their association with periodontitis.	
30	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	
31	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	
32	Dr. Neha Deshpande	Periodontics and Implantology	2024	L-154180/2024	Effect of socioeconomic status on periodontal Health	
33	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	
34	Dr. Rajashri Kolte	Periodontics and Implantology	2024	L-158163/2024	Comparative evaluation of PISA, PESA and oral health	Registered

					related quality of life in controlled and uncontrolled type 2 diabetes mellitus patients- A Cross sectional Study.	
35	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
36	Dr. Abhay Kolte	Periodontics and Implantology	2024	L-143989/2024	Sinus Membrane Thickness in Periodontally Healthy and stage III periodontitis patients and its correlation with anatomical parameters using Cone Beam Computed Tomography.	Registered
37	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
38	Dr. Pranjali Bawankar	Periodontics and Implantology	2025	L-161526/2025	Protocol for evaluation and Comparison of patient	Registered

					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.	
39	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 multiple adjacent gingival recession defects: A randomised controlled trial.	Registered
40	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
41	Dr. Pranjali Bawankar	Periodontics and Implantology	2025	L-163560/2025	Effectiveness of Polyherbal Containing Mouthwash In Gingivitis Patients.	Registered
42	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

43	Dr. Pranjali Bawankar	Periodontics and Implantology	2025	LD-20250166073	Protocol For Evaluation Of Anti-inflammatory And Wound Healing Properties Of Novel Herbal In Situ Gel Containing Ashwagandha And Aloe Vera Extracts : An In-vitro Study"	Registered
44	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
45.	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
46.	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
47	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	
48	Dr. Abhay Kolte Dr. Rajashri Kolte	Periodontics & Implantology	2023	L-130952/2023	Comparative evaluation of Vestibular Incision Subperiosteal Tunnel Access (VISTA) technique with or without a-PRF in the treatment of multiple adjacent recession defects in maxillary anterior region: A randomized controlled trial.	Granted
49	Dr. Abhay Kolte Dr. Rajashri Kolte	Periodontics & Implantology	2023	L-132500/2023	Anxiety and sleep quality in Periodontally healthy, gingivitis and periodontitis patients: A Cross Sectional Study	Granted
50	Dr. Rajashri Kolte Dr. Abhay Kolte	Periodontics & Implantology	2023	L-132817/2023	Association of papilla presence and gingival exhibit in interdental and gingival smile line: An Age and Gender based evaluation.	Granted
51	Dr. Abhay Kolte Dr. Rajashri Kolte	Periodontics & Implantology	2023	L-133473/2023	Comparative evaluation of Freeze-Dried bone Allograft and T-PRF with and without Vitamin D3 gel in the treatment of Periodontal Intrabony Defects: A Clinico-Radiographic Study	Granted
52	Dr. Abhay Kolte Dr. Rajashri Kolte	Periodontics & Implantology	2023	L-133893/2023	Evaluation of correlation of Periodontal Inflamed Surface Area (PISA) with peripheral markers of innate immunity activation	Granted

					and inflammation in stage III Periodontitis with and without Type II Diabetes Mellitus.	
53	Dr. Rajashri Kolte Dr. Abhay Kolte	Periodontics & Implantology	2023	L-134249/2023	Evaluation of Periodontal Inflamed Surface Area, serum Interleukin-12, Interleukin-18 levels in Stage III Periodontitis patients with and without Type 2 Diabetes mellitus- A Cross Sectional Study	Granted
54	Dr. Abhay Kolte Dr. Rajashri Kolte	Periodontics & Implantology	2023	L-134592/2023	Anxiety and smoking in Periodontally healthy and periodontitis patients: A Cross- Sectional Study	Granted
55	Dr. Surekha Rathod	Periodontics & Implantology	2023	L-133846/2023	Use of One Minute Preceptor Tool in Periodontology & Implantology.	Granted
56	Dr. Surekha Rathod	Periodontics & Implantology	2023	L-139593/2023	Evaluation of osteoanabolic effect of Psidium guajava leaf powder: An invitro study	Granted
57	Dr. Surekha Rathod Dr. Vrushali Lathiya	Periodontics & Implantology	2023	L-131746/2023	Assessment of greater palatine foramen position and diameter in Indian population using cone beam computed tomography.	Granted
58	Dr. Surekha Rathod	Periodontics & Implantology	2023	L-131652/2023	Local delivery of herbal picrorhiza kurroa and ficus benghalensis gel as an adjunct to nonsurgical periodontal therapy in chronic periodontitis.	Granted

59	Dr. Rajashri Kolte Dr. Abhay Kolte Dr. Pranjali Bawankar Dr. Neha Deshpande	Periodontics & Implantology	2023	L-130951/2023	Protocol for aleolar process and basal bone dimensions,their ratio and inclination of maxillary anterior teeth in the alveolar housing and its influence on treatment planning in dental implants- A cone beam computed tomography study.	Granted
60	Dr. Surekha Rathod	Periodontics & Implantology	2023	L-130943/2023	Effect of Dashansanskar Mouthwash on periodontal paramenters.	Granted
61	Dr. Pranjali Bawankar Dr. Abhay Kolte	Periodontics & Implantology	2023	L-134451/2023	Questionnaire for assessment of Patient reported outcomes and experienced measured and patient satisfaction in Dental Implantology.	Granted
62	Dr. Pranjali Bawankar Dr Abhay Kolte	Periodontics & Implantology	2023	L-131131/2023	Protocol for evaluation & Correlation of effect of stage 3 periodontitis on Oral health related quality of life in patients with chronic kidney diseases.	Granted
63	Dr. Pranjali Bawankar Dr. Abhay Kolte Dr. Rajashri Kolte	Periodontics & Implantology	2023	L-139176/2023	Protocol for clinic radiographic evaluation of autogenous symphyseal block graft and cortico cancellous block allograft in the augmentation of deficient maxillary ridges for placement	Granted

					of dental implants.	
64	Dr. Pranjali Bawankar Dr. Abhay Kolte Dr. Rajashri Kolte	Periodontics and Implantology	2023	L-134314/2023	Protocol for assessment of knowledge and attitude among patients with chronic disease about its association with periodontitis and oral health quality of life.	Granted
65	Dr. Dhawal Mody Dr. Abhay Kolte	Periodontics and Implantology	2023	L-134464/2023	Palatal masticatory soft tissue thickness and its relation to skeletal profile and palatal depth – A Clinico Radiographic Study	Granted
66	Dr. Prachi Rathi Dr. Rajashri Kolte Dr. Abhay Kolte	Periodontics and Implantology	2024	L-136030/2023	Comparative evaluation of definitive abutment vs conventional abutment disconnection and reconnection on periimplant study : a prospective clinical and radiographic study trial study	Granted
67	Dr. Prachi Rathi Dr. Abhay Kolte Dr. Rajasjri Kolte	Periodontics and Implantology	2024	L-136733/2023	Association of gingival line angle with gingival and interdental smile line: a gender based evaluation	Granted
68	Dr. Abhay Kolte Dr. Rajashri Kolte	Periodontics and Implantology	2024	L-143989/2024	Sinus membrane thickness in periodontally healthy and Stage III periodontitis patent and its correlation with anatomical parameters using Cone Beam Computed	Granted

					Tomography.	
69	Dr. Abhay Kolte Dr. Rajashri Kolte	Periodontics and Implantology	2024	L-144519/2024	Comparative evaluation of periodontal status, xerostomia severity and oral health related quality of life in controlled and uncontrolled Type 2 Diabetes Mellitus patients.	Granted
70	Dr. Surekha Rathod	Periodontics and Implantology	2024	L-150605/2024	Evaluation of biological behaviour of a Novel Composite graft- An Invitro study.	Granted
71	Dr. Surekha Rathod	Periodontics and Implantology	2024	L-143549/2024	Evaluation of antimicrobial activity of polyherbal gel for the treatment of chronic periodontitis.	Granted
72	Dr. Surekha Rathod Dr Prachi Rathi	Periodontics and Implantology	2024	L-141222/2024	Crown lengthening module	Granted
73	Dr. Surekha Rathod	Periodontics and Implantology	2024	L-144057/2024	Effect of Herbal Syzygium cumini seed extract on Periodontal Parameters	Granted
74	Dr. Surekha Rathod	Periodontics and Implantology	2024	L-143179/2024	Effect of herbal based extract in the treatment of chronic periodontitis	Granted
75	Dr. Kamalkishor Mankar	Periodontics and Implantology	2024	L-151931/2024	Comparative Evaluation of Demineralized Feerze-Dried Bone Allograft with and without Erythropoietin Gel in the Surgical Management of Three walled Intrabony Periodontal Defects: A Randomized Controlled Trial	Granted

76	Dr. Pranjali Bawankar Dr. Abhay Kolte	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.	Granted
77	Dr. Pranjali Bawankar Dr. Abhay Kolte Dr. Rajashri Kolte	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.	Granted
78	Dr. Neha Deshpande Dr. Abhay Kolte Dr. Rajashri Kolte	Periodontics and Implantology	2024	L-144771/2024	Assessment of periodontal health status in patients having metabolic syndrome with and without smoking: An observational study	Granted
79	Dr. Neha Deshpande Dr. Abhay Kolte Dr. Rajashri Kolte	Periodontics	2024	L-141847/2024	Assessment of anaemia of chronic disease in healthy subjects and chronic periodontitis patients: A cross sectional study	Granted
80	Dr. Neha Deshpande Dr. Abhay Kolte	Periodontics	2024	L-154180/2024	Effect of socioeconomic status on periodontal Health	Granted
81	Dr. Dhanshree Ghoderao Dr. Surekha Rathod Dr. Abhay	Periodontics	2024	L-147514/2024	Assessment of bone resorption distal to mandibular second molar adjacent to third molar: A radiographic	Granted

	Kolte				study.	
82	Dr. Vrushali Lathiya Dr. Abhay Kolte Dr. Rajashri Kolte Dr. Dhawal Mody	Periodontics	2024	L-141324/2024	Protocol for evaluation for effect of periodontal therapy on mucous membrane thickening in maxillary sinus in stage 3 periodontitis patients by RVG and CBCT : A Split mouth study.	Granted
83	Dr. Prachi Rathi Dr. Pranjali Bawankar Dr. Abhay Kolte	Periodontics	2024	L-144446/2024	Comparative evaluation of efficacy of DFDBA and DFDBA enriched with vitamin D3 gel in alveolar socket preservation : A clinical , radiographic and histologic study	Granted
84	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
85	Dr. Divya Trivedi, Dr. Abhay Kolte, Dr. Rajashri Kolte	Periodontics & Implantology	2022	Copyright number L-117033/2022	Protocol for Comparative evaluation of pinhole surgical technique with and without A-PRF in the treatment of multiple gingival recession defects-A clinico-radiographic study	Granted

86	Dr. Surekha Rathod, Dr. Srushti Dhande, Dr. Supriya Kaule	Periodontics & Implantology	2022	Copyright number L-116467/2022	Protocol for management of Aggressive Periodontitis.	Granted
87	Dr. Neha Deshpande, Dr. Abhay Kolte, Dr. Rajashri Kolte	Periodontics & Implantology	2022	Copyright number L-115897/2022	Comparative Evaluation of Open Flap Debridement with Hydroxyapatite & Beta Tricalcium Phosphate with & without Collagen Membrane in the treatment of Grade II Furcation Defects-A Randomized Controlled Trial.	Granted
88	Dr. Supriya Kaule, Dr. Ankit Tirpude, Dr. Surekha Rathod	Periodontics & Implantology	2022	Copyright number L-114852/2022	Development of validated tool to assess knowledge and practice of artificial intelligence	Granted
89	Dr. Pranjali Bawankar, Dr. Abhay Kolte, Dr. Rajashri Kolte	Periodontics & Implantology	2022	Copyright number L-114359/2022	Protocol for association of stress, serum & salivary cortisol & Interleukin-1B levels in smokers & non-smokers with chronic periodontitis	Granted
90	Dr. Pranjali Bawankar, Dr. Abhay Kolte, Dr. Rajashri Kolte	Periodontics & Implantology	2022	Copyright number L-113286/2022	Questionnaire for assessment of knowledge, awareness & attitude among patients with cardiovascular disease about its association with chronic periodontitis	Granted
91	Dr. Aishwarya Purohit,	Periodontics	2022	Copyright number L-110776/2022	Protocol for Comparative evaluation	Granted

	Dr. Rajashri Kolte, Dr. Abhay Kolte	& Implantology			of non-surgical therapy on serum levels of Mannose-binding lectin, SIRT 1 and C-reactive protien in smokers and non smokers with Stage III periodontitis: A case Control study	
92	Dr. Vinisha Bajaj, Dr. Abhay Kolte, Dr. Rajashri Kolte	Periodontics & Implantology	2021	Copyright number L-107431/2021	A To Z Listing Of Oral Microbiota- A Need For Comprehension.	Granted
93	Dr. Surekha Rathod	Periodontics & Implantology	2021	Copyright number L-107194/2021	Periodontal disease severity index in association with carotid artery plaque thickness	Granted
94	Dr. Vinisha Bajaj, Dr. Abhay Kolte, Dr. Rajashri Kolte	Periodontics & Implantology	2021	Copyright number L-106897/2021	Protocol For Comparative Evaluation Of Immediate Implant Placement &Provisionalization With And Without CGF Enriched Bone Graft. A Randomized Controlled Trial.	Granted
95	Dr. Surekha Rathod Dr. Shweta Maske Dr. Ashwini Jadhav	Periodontics & Implantology	2021	Copyright number L-104693/2021	Effect of Ocimum Sanctum Gel on the level of 8-hydroxyldeoxyguanosine	Granted
96	Dr. Surekha Rathod Dr. Noopur Gonde Dr. Pranjali Bawankar	Periodontics & Implantology	2021	Copyright number- L-103667/2021	Serialized operative protocol for Laser	Granted
97	Dr. Surekha Rathod	Periodontics &	2021	Copyright number- L-102960/2021	Validated novel instrument tool to	Granted

	Dr.Srushti Dhande Dr.Vrushali Lathiya	Implantology			assess periodontal surgery skills	
98	Dr. Surekha Rathod Dr. Noopur Gonde	Periodontics & Implantology	2021	Copyright number-L-100988/2021	Local delivery of Herbal Aloe vera chip as an adjunct to non-surgical periodontal therapy	Granted
99	Dr. Abhay Kolte Dr.Rajashri Kolte Dr. Girish Bodhare	Periodontics & Implantology	2021	Copyright number-L-102831/2021	Clinical and Radiographic Periodontal Disease Severity Index	Granted
100	Dr. Abhay Kolte Dr.Rajashri Kolte Dr.Vrushali Lathiya Dr. Dhawal Mody	Periodontics & Implantology	2021	Copyright number-L-102624/2021	Tongue Coating Severity Index	Granted
101	Dr. Abhay Kolte Dr. Rajashri Kolte Dr.Pranjali Bawankar	Periodontics & Implantology	2021	Copyright number-L-102526/2021	Comprehensive classification system for localized alveolar bone deficiencies in treatment planning for dental implants	Granted
102	Dr. Rajashri Kolte Dr. Abhay Kolte Dr. Divya Trivedi	Periodontics & Implantology	2020	Copyright number-L-95851/2020	Sequential assessment protocol of scaling and root planing	Granted
103	Dr. Abhay Kolte Dr.Rajashri	Periodontics & Implantology	2020	Copyright number-L-95263/2020	Algorithms in evaluation of periodontal flap	Granted

	Kolte Dr.Vinisha Bajaj				surgery	
104	Dr. Abhay Kolte Dr. Dhawal Mody Dr.Vrushali Lathiya Dr.Rajashri Kolte	Periodontics & Implantology	2018	Copyright number- L-75609/2018	RANJEET DESHMUKHs radiographic Scale for assessment of Schneiderian membrane	Granted
105	Dr. Natasha Pajnigara Dr. Abhay Kolte Dr .Rajashri Kolte Dr. Nilufer Pajnigara	Periodontics & Implantology	2016	Copyright number- L-63698/2016	Comprehensive classification system for furcation involvement	Granted

**RANJEET DESHMUKH DENTAL COLLEGE AND RESEARCH CENTRE,
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Department of Oral Medicine & Radiology
List of Copyrights**

Sr. No	Name of Staff Members	Name of Department	Year	Application Number	Title	In Process/ Granted
1.	Dr. Mukta Motwani Dr. Priyanka Raut Dr. Smriti Golhar Dr. Apeksha Dhole Dr. Tapasya Karemore	Oral Medicine & Radiology	2025	Copyright no. 3517/2025-CO/L	Morphological evaluation of nasopalatine canal length and angle using cone-beam computed tomography: a systematic review and meta-analysis.	Registered

	Dr. Rucha Pandharipande Dr. Zareesh Akhtar					
2.	Dr. Apeksha Dhole Dr. Ruchita Bhujade Dr. Mukta Motwani Dr. Vaishali Killor Dr. Poonam Dharpure Dr. Tapasya Karemore Dr. Smriti Golhar, Dr. Rucha Pandhripande, Dr. Zareesh Akhtar	Oral Medicine & Radiology	2025	Copyright no. LD-30693/2025-CO	Formulation and comparative evaluation of antifungal efficacy of silvernanoparticles, salibact, chlorhexidine mouthwashes alone and its combination with silvernanoparticles against candida albicans : an in vitro study	Registered
3.	Dr. Apeksha Dhole, Dr. Pratiksha Ghotkekar, Dr. Mukta Motwani, Dr. Tapasya Karemore, Dr. Smriti Golhar, Dr. Rucha Pandharipande Dr. Zareesh Akhtar	Oral Medicine & Radiology	2026	Copyright no. LD-48316/2025-CO	Assessment of mandibular canal for bifid, trifid and anterior loop on CBCT in central India population.	Registered
4.	Dr. Apeksha Dhole, Dr. Ruchita Bhujade Dr. Mukta Motwani Dr. Tapasya Karemore	Oral Medicine & Radiology	2026	Copyright no. LD-51120/2025-CO	‘Comparative of serum alkaline phosphatase levels in head and neck cancer patients with normal healthy individuals: A systematic review and meta-analysis’	Registered

	Dr. Smriti Golhar, Dr. Rucha Pandhripande, Dr. Zareesh Akhtar					
5.	Dr. Tapasya Karemore Dr. Mukta Motwani Dr. Ramakrishna Shenoi Kalyani Wadalkar Dr. Rucha Pandharipande Dr. Apeksha Dhole Dr. Smriti Golhar	Oral Medicine & Radiology	2025	Copyright no. 2684/2025-CO/L	Sadhana - an anxiety reduction protocol for alleviating anxiety among patients undergoing maxillofacial surgery	Registered
6.	Dr. Poonam Ambhore Dr. Mukta Motwani Dr. Apeksha Dhole Dr. Rucha Pandharipande Dr. Smriti Golhar Dr. Zareesh Akhtar	Oral Medicine & Radiology	2025	Copyright no. 5352/2025-CO/L	Evaluation of efficacy of moringa leaves extract in treatment of oral submucous fibrosis in comparison with standard treatment protocol - a randomized controlled trial	Registered
7.	Dr. Pratik Parkarwar Dr. Pawan Motghare, Dr. Lata Kale, Dr. Mukta Motwani	Oral Medicine & Radiology	2025	Patent no. 463128-001	Patent titled- Oral Cancer Screening Device	Registered
8.	Tapasya Karemore Mukta	Oral Medicine & Radiology	2026	Patent no. 579268	Patent titled- A Tool For Temporomandibular	Registered

	Motwani, Vibha Bora, Suraj Dudhe, Piyush Kamdi, Sagar Bawankar, Saurabh Zade, Kanchan Ashtankar				Joints Examination And Muscle Activity Detection	
9.	Dr. Pratik Parkerwar Dr. Pawan Motghare Dr. Aarti Bedia Dr. Vijayalaxmi Dr. Sneha Sanap Dr. Mukta Motwani Dr. Lata Kale Dr. Rupali Mhaske	Oral Medicine & Radiology	2026	Patent no. 488878- 001	Patent titled- Oral Submucous Fibrosis Detectionand Severity Assessment Device	Registered
10.	Dr. Tapasya Karemore	Oral Medicine and Radiology	2025	5352/2025-CO/L	Evaluation of efficacy of moringa leaf extract in treatment of OSMF with standard treatment protocol: A randomized control trial	Registered
11.	Dr. Tapasya Karemore	Oral Medicine and Radiology	2025	2684/2025-CO/L	Sadhana- an anxiety reduction protocol for alleviating anxiety among patients undergoing maxillofacial surgery	Registered
12.	Dr. Mukta Motwani	Oral Medicine and Radiology	2025	3517-2025-CO/L	Morphological evaluation of nasopalatinecanal length and angle using CBCT: A systematic review and meta analysis	Registered

13.	Dr. Apeksha Balpande	Oral Medicine and Radiology	2024	L-151465/2024	Copyright received for 'Evaluation of pharyngeal airway space and maxillary sinus volume using CBCT in overweight and obese individuals.'	Granted
14.	Dr. Apeksha Balpande	Oral Medicine and Radiology	2024	L-150969/2024	Copyright received for 'Morphometric evaluation of rosenmullar fossa and Eustachian tube on CBCT images in OSMF patients.'	Granted
15.	Dr. Mukta Motwani	Oral Medicine and Radiology	2024	L-151129/2024	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
16.	Dr. Tapasya Karemore	Department of Oral Medicine & Radiology	2022	31873/2021-CO/SW	Copyright for "Computer assisted learning program in oral medicine"	Granted
17.	Dr. Apurva Mohite	Department of Oral Medicine & Radiology	2023	28675/2021-CO/L	Copyright for "Khator and motwani classification for lip prints and palatal rugae patterns."	Granted
18.	Dr. Smriti Golhar	Department of Oral Medicine & Radiology	2022	202221053280 A	Copyright for Patent for "Formulation and evaluation of curcuma longa and phyllanthusembilica loaded silica	Granted

					nanoparticles as dental plaque inhibitors.”	
19.	Dr Mukta Motwani Dr Apeksha Dhole	Oral Medicine and Radiology	2022	Copyright number L-114143/2022	Designed and validated novel combined questionnaire for the assessment of knowledge and attitude about tobacco and areca nut in children in English and Marathi language	Granted
20	Dr Mukta Motwani, Dr Anuraag Choudhary	Oral Medicine and Radiology	2022	Copyright number L-114633/2022	An evaluation OG the diagnostic accuracy of panoramic radiography to assess relationship of inferior alveolar canal to impacted mandibular third molar roots using dental CT scan DENTSCAN software	Granted
21	Dr Mukta Motwani, Dr Anuraag Choudhary	Oral Medicine and Radiology	2022	Copyright number L-113822/2022	Aadya’s CBCT Technique for mandibular condyle evaluation	Granted
22	Dr Mukta Motwani, Dr Smriti Golhar	Oral Medicine and Radiology	2022	Copyright number L-115175/2022	Therapeutic evaluation of cervical dysfunction in patients with myofacial pain dysfunction syndrome: a prospective study	Granted
23	Dr Mukta Motwani, Dr. Apurva Mohite, Dr Rucha	Oral Medicine and Radiology	2022	Copyright number L-116249/2022	KPM protocol for tobacco cessation	Granted

	Pandharipande					
24	Dr Anuraag Choudhary	Oral Medicine and Radiology	2022	Copyright number L-116415/2022	Chordia and Choudhary clinico-radio-pathological form for diagnostic centres	Granted
25	Dr Mukta Motwani, Dr Anuraag Choudhary	Oral Medicine and Radiology	2021	Copyright number L-106799/2022	Choudhary ABS modified curvilinear CBCT technique for single tooth evaluation	Granted
26	Dr Mukta Motwani, Dr Tapasya Karemore	Oral Medicine and Radiology	2021	Copyright number L-113756/2022	A course on communication skill for dental professionals	Granted
27	Dr Mukta Motwani, Dr Tapasya Karemore	Oral Medicine and Radiology	2021	Copyright number SW- 15438/2022	Mobile App- Radiodiagnosis	Granted
28	Dr Mukta Motwani, Dr Apeksha Dhole	Oral Medicine and Radiology	2021	Copyright number L-109934/2021	Evaluation of efficacy of bee pollen in the treatment of oral submucous fibrosis: A randomized clinical drug trial	Granted

RANJEET DESHMUKH DENTAL COLLEGE AND RESEARCH CENTRE, NAGPUR
Department of Conservative Dentistry & Endodontics

Sr. No	Name of Staff Member	Name of Department	Year	Application Number	Title	In Process/Granted
1	Dr. Gautam	Conservative	2026	LD-8255/2026-CO.	“Cone Beam	Grant

	Badole, Dr.Pratima Shenoi	Dentistry & Endodontics			Computed Tomographic Evaluation of Association of complicated root canal morphology in mandibular incisors, first premolars”.	
2	Dr. Pratik Burad , Dr. Apurva Jamodkar, Dr. Vidya Mokhade, Dr. Chetana Makade	Conservative Dentistry & Endodontics	2025	LD-43282/2025- CO.	‘Assessment Sheet For Internal Practical Examination Of Final Year Undergraduate Dental Students In Conservative Dentistry And Endodontics’.	Grant
3	Dr.Pratima Shenoi	Conservative Dentistry & Endodontics	2025	LD- 20250173918 3	Dimensions of Post Endodontic restorations	Grant
4	Dr Chetana Makade, Dr. Pratik Burad, Dr. Mohit Gunwal, Dr Pratima Shenoi, Dr. Vidya Mokhade	Conservative Dentistry & Endodontics	2025	CF- 38742/2025- CO	Cinematograph Film On Management of Trauma to the Teeth at School.	Grant
5	Dr Yogesh Rathod, Dr Pratima Shenoi, Dr Manjusha Warh adpande	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 Centarl India Population.	Registered
6	Dr. Chetana Makade, Dr Pratik Burad, Dr Pratima	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	Registered

	Shenoi				minutes	
7	Dr Pratik Burad Dr Chetana Makade, Dr. Kushal Fuladi, Dr Pratima Shenoi	Conservative dentistry & Endodontics	2024	CF-5723/2024 Dt. 25/07/2024	Cinematograph Film on Awareness of Prevention and Treatment for Dental Caries	Registered
8	Dr. Shriya Shahu Dr Mohit Gunwal, Dr Pratima Shenoi	Conservative dentistry & Endodontics	2024	L-150960/2024 Dt. 15/07/24	Literary Work on Classification of Sterilization Packaging System	Registered
9	Dr Vidya Mokhadde 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
10	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
11	Dr Sagarika Sortey, Dr Gautam Badole, Dr Pratima Shenoi	Conservative dentistry & Endodontics	2024	L- 154190/2024	Classification of Remineralization Agents 23-09-2024	Registered
12	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
13	Dr Mohit Gunwal, Dr Chetana Makade, Dr Shriya Shahu,	Conservative dentistry & Endodontics	2024	L- 158098/2024 Dt: 10-12-2024	Save The Fragment & Save the Tooth	Registered

	Dr Ankita Ramteke					
14	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
15	Dakshita Pohane Dr.Chetana Makade Dr.Pratima Sheno Dr.Pratik Burad Dr.Vidya Mokhade	Conservative dentistry & Endodontics	2025	A-157290/2025	Soothing solution for dental Pulp to maintain Vital Pulp	Registered
16	Dr. Chetana Makade	Endodontics	2024	L-128384/2023	Copyright received for 'Save-A-Tooth, first aid for knocked out permanent front teeth',	Granted
17	Dr. Chetana Makade	Endodontics	2024	L- 148390/2024	Copyright received for 'MDET's technique for manipulation of gypsum products in Dentistry'	Granted
18	Dr. Mohit Gunwal	Endodontics	2024	L-149539/2024	Copyright received for 'Functional units of Human tooth Banking system'	Granted
19	Dr. Rajesh Kubde	Conservative Dentistry and Endodontics	2024	L- 148390/2024	Copyright received for "Modified instrument design for shearing off gutta percha from mesial canals during obturation"	Granted
20	Dr. Shriya Shahu	Conservative Dentistry and Endodontics	2024	L-149214/2024	Copyright received for 'Shahu's classification of separated instrument retrieval of	Granted

					separated instruments in endodontics.'	
21	Dr. Gautam Badole	Conservative dentistry & Endodontics	2022	Copyright number L-113573/2022	Dramatic work calibration of Root Canal irrigation side vented needle	Granted
22	Dr. Pratima Shenoi	Conservative dentistry & Endodontics	2021	Copyright number L-109352/2021	Shenoi's pin down technique for targeting the right tooth during intra oral periapical radiography	Granted
23	Dr. Varsha Uttarwar	Conservative dentistry & Endodontics	2021	Copyright number L-113472/2022	The scope of Conservative Dentistry and its application in day to day clinical practice	Granted
24	Dr. Mohit Gunwal	Conservative dentistry & Endodontics	2021	Copyright number L-111524/2022	Proposed classification Of Biological restorations	Granted

RANJEET DESHMUKH DENTAL COLLEGE AND RESEARCH CENTRE, NAGPUR

Department of Oral Pathology & Microbiology

Sr. No.	Name of Staff Member	Name of Department	Year	Application Number	Title	In Process/ Granted
1.	Dr. Rakshata Sorte. Dr. Shubhangi Bagdey Dr. Alka Dive Dr. Rohit	Oral Pathology & Microbiology	2025	LD-28259/2025-CO	Prevalence, Awareness and Attitude among Housemaids about Arecanut and Tobacco Consumption Habits:	Granted

	Moharil Dr. Ashish Bodhade Dr. Aayushi Pakhale				A cross-sectional study in Central India.	
2.	Dr. Shubhangi Khandekar	Oral Pathology & Microbiology	2022	Copyright number L- 112637 / 2022	Definition of Oral Squamous Cell Carcinoma	Granted
3.	Dr. Rohit Moharil	Oral Pathology & Microbiology	2022	Copyright number L-112709/2022	Cyclin D1 in Oral Premalignant Lesions & Oral Squamous Cell Carcinoma – An Immunohistochemical Study	Granted

RANJEET DESHMUKH DENTAL COLLEGE AND RESEARCH CENTRE, NAGPUR
Department of Orthodontics

Sr. No.	Name of Staff Member	Name of Department	Year	Application Number	Title	In process/ granted
1.	Dr. Ananya Hazare, Dr Akshata Awachat	Orthodontics	2026	Copyright-LD- 24070/2026-CO	Development and Validation of an Orthodontic Screening Index (OSIT) for Tribal School Children for assessing Orthodontic Treatment Need in Central India	Granted
2	Dr. Shantanu Raut, Dr. Usha shenoy	Orthodontics	2025	15125/2025-CO/L	Association of mid palatal suture ossification with CVMI and mineraliztion of permannat maxillary canine and permannat	

					maxillary second molar using Nollas tooth development stage sin normodivergent hypodivergent and hyperdivergent growth patterns – A CBCT Study	
3	Dr. Usha Shenoy	Orthodontics	2024	L-148331/2024	Copyright received for 'to evaluate and correlate the facial index with the ANB angle and WITS appraisal with skeletal Class III malocclusion.'	Granted
4	Dr. Ananya Hazare	Orthodontics	2024	L-146772/2024	Copyright received for 'A new method of age estimation of individuals by studying and analysing the radiograph of mandibular first molar.'	Granted
5	Dr. Usha Shenoy	Orthodontics	2024	L- 145866/2024	Copyright received for 'Use of artificial intelligence in Orthodontics and Dentistry.'	Granted
6	Dr. Usha Shenoy	Orthodontics	2024	L- 142239/2024	Copyright received for 'Copyright: LASERS in Orthodontics.'	Granted
7	Dr. Usha Shenoy	Orthodontics	2022	L- 140743/2024	Cephalometric appraisal of tongue and related soft tissues in normal and open bite subjects at rest	Granted
8	Dr. Ananya Hazare	Orthodontics	2022	L- 140079/2023	A-loop: A new loop for management of impacted or	Granted

					ectopically impacted canines	
9	Dr. Sujoy Banerjee	Orthodontics	2022	L- 142250/2024	Unilateral implant supported distalization with sliding JIG a novel method for distalization using segmental mechanics	Granted
10	Dr. Himija Karia	Orthodontics	2022	L- 148774/2024	A simple and innovative method to calculate the oropharyngeal airway volume on 3D DVT scan	Granted

RANJEET DESHMUKH DENTAL COLLEGE AND RESEARCH CENTRE, NAGPUR
Department of Oral & Maxillofacial Surgery

Sr. No	Name of Staff Member	Name of Department	Year	Application Number	Title	In Process/ Granted
1	Dr. Ramakrishna Sheno	OMFS	2026		"A novel technique based algorithm for surgical management of trigeminal neuralgia."	Copyright
2	Dr. Nilima Agarwal	OMFS	2025		"A Disquisition on Contemporary Insights into Knowledge and Attitudes of General Dentists Toward Oral Biopsy."	Copyright
3	Dr. Hrushikesh Malikar	OMFS	2025		SHEARMAX FORCEPS	Granted
4	Dr.Rahul Dahake	OMFS	2025		"PROTOCOL TO	COPYRIGHT

					ASSESS THE ANTIBIOTIC PRESCRIPTION PATTERN PRACTICE IN DENTISTRY OF VIDHARBHA A	
5	Dr.Rahul Dahake	OMFS	2025		"Evaluation of Trismus after Inferior Alveolar Nerve Block"	COPYRIGHT
6	Dr.Rahul Dahake	OMFS	2025		"Protocol for Comparative Evaluation of Oxytetracycline Hydrocortisone Gel- Soaked Gauze and Betadine-Soaked Gauze on Postoperative Sequelae in Mandibular Third Molar Surgery: A Randomised Controlled Clinical Trial"	COPYRIGHT
7	Dr.Rahul Dahake	OMFS	2025		"Protocol for Comparative Evaluation of Hydrocortisone, Chlorhexidine and Normal Saline as an Irrigating Solution during Surgical Removal of Impacted Mandibular Third Molar: A Randomized Clinical Controlled Trial"	COPYRIGHT
8	Dr Sandeep Khandaitkar	OMFS	2026	202621012175 A	A LOAD SENSOR- BASED RELEASE DEVICE FOR	Published

					CEILING FANS	
9	Dr. Ramakrishna Shenoi	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
10	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
11	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
12	Dr. Vrinda Kolte	Oral Surgery	2024	L-148331/2024	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
13	Dr. Vrinda Kolte (Oral Surgery)	Oral Surgery	2024	L-146772/2024	Introduction of needle parking method of suturing for closure of facial contused lacerated wound.	Granted
14	Dr. Vrinda Kole	Oral Surgery	2023	Copyright L-	Copyright received	Granted

	(Oral Surgery)			135631/2023	for ‘ Silk – O- lectin / NYL – O – propylene: An economic option for sutures. ’.	
15	Dr. Vrinda Kole	Periodontics & Implantology	2023	Copyright L-137597/2023	Copyright received for ‘ Kolte’s modification of transconjunctival incision- A natural way to protect cornea’.	Granted
16	Dr. Sandeep Khandaitkar	Oral Surgery	2023	Copyright L-138052/2023	Sandeep Khandaitkar’s coronal flap for reconstruction of frontal bone fracture	Granted
17	Dr Kshitij Bang	Oral and Maxillofacial Surgery	2022	Copyright number L-114499/2022	Intermaxillary fixation Screw as a temporary skeletal anchorage device (TSAD)	Granted
18	Dr Pranav Ingole	Oral and Maxillofacial Surgery	2022	Copyright number L-116276/2022	A.T.O.M technique in open reduction and internal fixation for Mandibular fractures.	Granted
19	Dr Nilima Budhraj	Oral and Maxillofacial Surgery	2022	Copyright number L-110298/2022	A Disquisition on COVID associated Mucormycosis.	Granted
20	Dr Sandeep Khandaitkar	Oral and Maxillofacial Surgery	2022	Copyright number L-110679/2022	Khandaitkar’s newer local Aesthetic formulation.	Granted
21	Dr Nilima Budhraj	Oral and Maxillofacial Surgery	2021	Copyrightnumber L-108689/2021	Omega surturing – A Novel Suturing technique for deep lacerated wound in Maxillofacial region	Granted

RANJEET DESHMUKH DENTAL COLLEGE AND RESEARCH CENTRE, NAGPUR
Department of Pediatric & Preventive Dentistry

Sr. No.	Name of staff member	Name of Department	Year	Application Number	Title	In process/ Granted
1.	Dr. Shruti Dawale	Pediatric and preventive dentistry	2025	LD-30320/2025-CO	Effectiveness of biofeedback therapy on dental anxiety of 7-12 year old children during restorative procedures - A randomized controlled trial	Granted
2.	Dr shruti	Pediatric and preventive dentistry		4927/2025-CO/L	comparative evaluation of efficacy of lignocaine gel and lignocaine ice button as topical anesthetic for greater palatine nerve block in children aged 6-10 years – a randomized controlled trial	Granted
3.	Dr. Neha Tapdiya	Pediatric and preventive dentistry	2025	LD-2975-/2025-CO	Comparision of cleaning efficacy and effectiveness of triple headed toothbrush and manual U- shaped toothbrush in 3-6 year aged children-a randomized controlled trial	Granted
4.	Dr. Sheel Mate	Pediatric and preventive dentistry	2025	6318/2025-CO/L	Comparative evaluation of the effect of different anti-oxidants in reducing tooth discoloration caused by 38% silver diamine fluoride in primary molars : A randomized clinical trial	Granted
5.	Dr. Mohini Pawshekar	Pediatric and preventive dentistry	2025		Effectiveness of distraction cards in reducing anxiety and pain perception during restorative treatment in 6-8 year old children: A	Granted

					randomized controlled trial	
6.	Dr. Sayali Nandangiri	Pediatric and preventive dentistry	2025	LD-54194/2025-CO	Evaluating and comparing the reliability and accuracy of artificial intelligence chatbot(chatGPT-5 and gemini 2.5 pro) in addressing parental concerns regarding dental trauma	Granted
7.	Dr.Shruti Dawale	Pediatric and preventive dentistry	2026	LD-5411/2026-CO	Classical features of Gunther's disease	Granted
8.	Dr. Neha Tapdiya	Pediatric and preventive dentistry	2026	LD-4994/2026-CO	Proximal contact tightness and contour of circumferential and sectional matrix band system in class II restorations in pediatric patients: a systematic review	Granted
9.	Dr.Mohini Pawshekar	Pediatric and preventive dentistry	2026	LD-6628/2026-CO	Effectiveness of stimulated breathing musical soft toy in alleviating dental anxiety during restorative procedures in 4-8 year old children: A randomized controlled trial	Granted
10.	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

11.	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 pro af baby gold roatry file system for primary molar pulpectomies - randomized controlled trial	Granted
12.	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 bioflx crown:an in vitro study	Granted
13.	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
14.	Dr. Sheel Mate	Department of pediatric and preventive dentistry	2024	6318/2025-CO/L	Comparative evaluation of the effect of different anti-oxidants in reducing tooth discoloration caused by 38% silver diamine fluoride in primary molars: a randomized controlled trial	Registered
15.	Dr. Neha Tapdiya	Department of pediatric and	2024	842/2025-CO/L	Comparing and evaluating behavioral	Registered

		preventive dentistry			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 study	
16.	Dr. Devendra Nagpal	Pediatric and Preventive Dentistry	2024		Copyright received for 'Vermillion zone of lip in humans.	Granted
17.	Dr. Gagandeep Lamba	Oral Surgery	2024		Copyright received for 'Bursting the myths and facts in pediatric dentistry	Granted
18.	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
19.	Dr. Pooja Rathi (Periodontics and Implantology)	Periodontics and Implantology	2024		Copyright received for 'Aaplya Moukhik Aarogyabaddal Braille Dware Shikuya.	Granted
20.	Dr. Pooja Rathi (Prosthodontics)	Prosthodontics	2024		Copyright received for 'Create awareness and improve oral health in hearing and visually impaired population. '	Granted
21.	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

22.	Dr. Pooja Rathi (Prosthodontics)	Prosthodontics	2024		Copyright received for 'Create awareness and improve oral health in hearing and visually impaired population. '	Granted
23	Dr. Pooja Rathi (Periodontics and Implantology)	Periodontics and Implantology	2024		Copyright received for 'Aaplya Moukhik Aarogyabaddal Braille Dware Shikuya.	Granted
24	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
25	Dr. Samruddhi Khondalay, Dr Gagandeep Lamba, Dr. Nikita Nerkar, Dr. Jayu Gawande, Dr. Devendra Nagpal	Pedodontics	2023	CF-5302/2023	BURSTING THE MYTHS AND FACTS IN PEDIATRIC DENTISTRY	Granted
26	Ayushi Gurharikar	Pediatric and preventive dentistry	2022	Copyright number L-116204/2022	Use of accupressure at extra 1' point	Granted
27	Dr. Nikita Nerkar, Dr.Gagandeep, Lamba, Dr. Kavita Hotwani, Dr.Devendra Nagpal,	Pediatric and preventive dentistry	2022	Copyright number L-111514/2022	Use of novel lollipops for caries prevention in children: A study protocol	Granted

	Dr.Samrudhi					
28	Dr. Gagandeep Lamba	Pediatric and preventive dentistry	2022	Copyright number L-111538/2022	Use or herbal wipes for oral hygiene in children: A study protocol	Granted
29	Dr.Gagandeep Lamba, Dr.Devendra Nagpal, Dr.Dharanshi, Dr.Ekta, Dr Samrudhi	Pediatric and preventive dentistry	2021	Copyright number L-107882/2021	Treatment Modalities for Primary Teeth	Granted
30	Dr.Devendra Nagpal, Dr.Gagandeep, Dr.Ayushi	Pediatric and preventive dentistry	2021	Copyright number CF-5110/2022	Awareness Regarding Child Oral Health	Granted
31	Dr.Prabhat Yadav	Pediatric and preventive dentistry	2021	Copyright number CF-5054/2021	Doodh kedatokamahatava	Granted

RANJEET DESHMUKH DENTAL COLLEGE AND RESEARCH CENTRE, NAGPUR
Department of Public Health Dentistry
List of Copyrights

Sr. No.	Name of Staff Member	Name of Department	Year	Application Number	Title	In Process/ Granted
1.	Dr. Sudhir Rawlani	Public Health Dentistry	2024	L-139688/2023	Copyright received for 'Modified	Granted

					Version of Oral Hygiene Simplified Index (OHI-S)'	
2.	Dr. K Venugopal Reddy (Public Health Dentistry)	Public Health Dentistry	2024	L-139673/2023	Copyright received for 'Role of portable X-ray unit in community dental outreach activities.'	Granted
3.	Dr. K Venugopal Reddy (Public Health Dentistry)	Public Health Dentistry	2024	L-141988/2024	Copyright received for 'Dr. Reddy's innovative idea to improve research database of the institution.'	Granted
4.	Dr. K Venugopal Reddy (Public Health Dentistry)	Public Health Dentistry	2024	L-138592/2023	Copyright received for 'Teledentistry as a platform to increase the patient awareness about dental health through the medium of PHCs in remote areas.'	Granted
5.	Dr. K Venugopal Reddy (Public Health Dentistry)	Public Health Dentistry	2024	L-138589/2023	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
6.	Dr. K Venugopal Reddy (Public Health Dentistry)	Public Health Dentistry	2024	L-14853/2024	Copyright received for 'Role of portable X-ray unit in community dental outreach activities.'	Granted
7.	Dr. Venugopal Reddy	Periodontics & Implantology	2023	L-14853/2024	Perceptions of the primary school teachers about implementing oral health education in the school curriculum	Granted

8.	Dr. K.Venugopal Reddy	Public Health Dentistry	2022	L-14853/2024	Teledentistry as a tool for providing the Specialty dental care to remote Indian Population	Granted
9.	Dr. K.Venugopal Reddy	Public Health Dentistry	2022	Copyright number L-112423/2022	School dental nurse and its relevance to Indian school(primary) education system	Granted
10.	Dr. Sudhir Rawlani	Public Health Dentistry	2022	Copyright number L-11010407/2022	Medical products automated monitoring system using IT technology	Granted

RANJEET DESHMUKH DENTAL COLLEGE AND RESEARCH CENTRE, NAGPUR
Department of Prosthodontics & Maxillofacial Prosthesis

Sr. No.	Name of Staff Member	Name of Department	Year	Application Number	Title	In Process/
1.	Dr. Shreyas Ingle, Dr. Neelam Pande	Prosthodontics	2026	Copyright – LD-4050/2026-CO	Protocol: Digital Workflow for Creating a Customized Emergence Profile	Granted
2.	Dr. Shreya Kukreja, Dr. Neelam Pande, Dr. Saeesh Deshpande	Prosthodontics	2026	Copyright – LD-50077/2025-CO	Clinical Protocol for Mucosal Cuff Preservation Using Mucosal Cuff Stabilizer in Implant Dentistry	Granted

3.	Dr. Pranoti Ranit, Dr. Anuj Chandak	Prosthodontics	2025	Copyright – LD-48941/2025	Assessment Tool for Evaluating Patient Satisfaction with Removable Partial Denture	Granted
4.	Dr. Shikha Chhangani, Dr. Rajlakshmi Banerjee	Prosthodontics	2025	Copyright – LD-49332/2025-CO	Protocol: E-Max Laminate Veneer Bonding Protocol with Resin Cement	Granted
5.	Dr. Neelam Pande, Dr. Jayashree Joshi	Prosthodontics	2025	Copyright – LD-20250169186	SOPs of Ergonomics for Dental Students	Granted
6.	Dr. Richa Sahai, Dr. Sumeet Jalan	Prosthodontics	2025	Copyright – LD-23605/2025-CO	Influence of Kidney Stones on Dental Calculus and Oral Health	Granted
7.	Dr. Priti Jaiswal, Dr. Rajlakshmi Banerjee, Dr. Richa Sahai, Dr. Jyoti Sharma	Prosthodontics	2025	Copyright – LD-52639/2025-CO	An Innovative Way to Retain Split Cast Mounting by Using Metal Plates, Dowel Pins & Ligature Wires	Granted
8.	Dr. Jayashree Joshi, Dr. Anita Kahar, Dr. Samidha Pande	Prosthodontics	2025	Copyright – LD-20250167448	Maazi Marathi – A Module on Local Language for 3rd BDS Students	Granted
9.	Dr. Vijeta Gajbhiye, Dr. Rajlakshmi Banerjee, Dr. Richa Sahai, Dr. Priti Jaiswal, Dr. Jyoti Sharma	Prosthodontics	2025	Copyright – L-160009/2025	Efficacy of NoCord VPS Impression System in Terms of Dimensional Accuracy and Gingival Displacement	Granted
10.	Dr. Jaishree Chahande, Dr. Mukta Motwani, Dr. Alka Dive, Dr. Surekha Rathod	Prosthodontics	2025	Copyright – 10298/2025-CO/L	Designing and Assessing a Novel E-Portfolio Module for Holistic Development of Dental Undergraduate	Granted

					Students	
11.	Dr. Priti Jaiswal	Prosthodontics	2025	Copyright – L- 161799/2025	Tongue Print: A Method to Evaluate Temporomandibular Disorder	Published
12.	Dr. Richa Sahai	Prosthodontics	2025	Copyright – L- 160484/2025	Revolutionizing Dental Education: Innovations in Team-Based Learning	Published
13.	Dr. Anita Kahar	Prosthodontics	2025	Copyright – L- 159607/2025	A Quick Practical Guide to Anatomical Landmarks of Maxillary and Mandibular Edentulous Arches	Published
14.	Dr. Neelam Pande	Prosthodontics	2024		Copyright received for ‘measuring patients orofacial appearance using orofacial esthetic scale in regional language.’	Granted
15.	Dr. Priti Jaiswal	Prosthodontics	2024	L-135387/2023	Awareness regarding periodontal problems and their preventive measures	Granted
16.	Dr. Neelam Pande	Prosthodontics	23/10/2024	L-155650/2024	Emotional Learning: An Important Aspect for Dental Students	Published
17.	Dr. Anita Kahar	Prosthodontics	26/03/2025	L-162810/2025	A practical guide for making preliminary Impression of maxillary and mandibular Edentulous arches with most common errors and its solutions for preclinical dental undergraduates	Published

18.	Dr. Anita Kahar	Prosthodontics	13/01/2025	L-159607/2025	A quick practical guide to anatomical landmarks of maxillary and mandibular edentulous arches for preclinical dental undergraduates	Published
19.	Dr Richa Sahai	Prosthodontics	04/02/2025	L-160484/2025	Revolutionizing dental education: innovations in team based learning	Published
20.	Dr. Priti Jaiswal	Prosthodontics	28/02/2025	L-161799/2025	Tongue Print: A Method to evaluate Temporomandibular Disorder.	Published
21.	Dr Samidha Pande	Prosthodontics	14/11/2024	L-156792/2024	Origanum oil, permanent soft liner with antifungal properties and increased longevity.	Published
22.	Dr. Vijeta Gajbhiye	Prosthodontics	27/01/2025	L-160009/2025	Efficacy of NoCord VPS Impression system in terms of Dimensional accuracy of Gingival Displacement	Published
23.	Dr Jaishree Chahande	Prosthodontics	31/12/2024	L-158813/2024	“Patient’s Awareness about Dental Implants/Dant Pratyaropan/Dant Ropan: English, Hindi and Marathi Version”.	Published
24.	Dr Jaishree Chahande	Prosthodontics	12/9/2024	L-153577/2024	“Project Based Learning: An Active Teaching Learning	Published

					Technique in Prosthodontics”	
25.	Dr Jayashree Joshi, Dr Neelam Pande, Dr Anita Kahar	Prosthodontics	6/1/ 2024	L-158659/2024	SAARTHI, a mentorship program for undergraduate students	Published
26.	Dr. Jaishree Chahande	Prosthodontics	2025		Designing and assessing a novel e-portfolio module for holistic development of dental UG students	
27.	Dr. Neelam Pande	Prosthodontics	2025		Sops for ergonomics of dental students	
28.	Dr. Jaishree Chahande	Prosthodontics	2023	L-131174/2023	Copyright received for ‘Community health officers training module to deliver primary oral health care service in Central India contributing to Ayushman Bharat.’	Granted
29.	Dr. Priti Jaiswal (Prosthodontics)	Prosthodontics	2023	L-148482/2024	Copyright received for ‘Awareness regarding periodontal problems and their preventive measures.’	Granted
30.	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
31.	Dr. Richa Sahai	Prosthodontics	29-09-	L-117956/2022	Effect of repeated microwave	Granted

	Dr. Samidha Pande		2022		disinfection on the impact strength and flexural strength of a heat cure denture base resin most commonly used in india	
32.	Dr. Richa Sahai Dr. Samidha Pande	Prosthodontics	12/10/2022	L-118109/2022	Forensic odontology demystifying difficult situations	Granted
33.	Dr. Jaishree Chahande	Prosthodontics	15th November 2022	L-118801/2022	“Module For Near Peer Learning and Early Clinical Exposure: The Best Combo for Active Teaching-Learning in Dentistry” on	Granted
34.	Dr. Jaishree Chahande	Prosthodontics	15th November 2022	L-118800/2022	“Extempore to Enhance Spoken Communication Skills”	Granted
35.	Dr. Neelam Pande	Prosthodontics	2022	Copyright number L-116223/2022	SOP’s for the management of solid waste generated in the Dept. Of Prosthodontics	Granted
36.	Dr. Jayshree Joshi	Prosthodontics	2022	Copyright number L-112889/2022	Special teaching – learning and assessment module for potential learners using ICT	Granted
37.	Dr.Saee Deshpande	Prosthodontics	2022	Copyright number L-111503/2022	Mobile Learning App For Learning Clinical Decision Making In Prosthodontics	Granted

38.	Dr.Saee Deshpande	Prosthodontics	2022	Copyright number L-112486/2022	Inter-Professional Education Module Regarding Dentistry For Medical Students	Granted
39.	Dr.Saee Deshpande	Prosthodontics	2022	Copyright number L-112696/2022	Module For Developing Educational Scholarship Amongst Dental Faculty	Granted
40.	Dr Richa Sahai	Prosthodontics	2022	Copyright number L-116217/2022	Effect of Silanized Nanoparticles Reinforced PMMA on Flexural Strength	Granted