

**Department of Periodontics and Implantology**  
**VSPM Dental College and Research Centre, Nagpur**  
**List of Ongoing Research Projects 2021-2022**

<b>Sr. No.</b>	<b>Name of Principal Investigator</b>	<b>Title of Research Project</b>	<b>Date and IEC Approval Number</b>
1.	Dr Abhay Kolte	Gender based evaluation of dental and gingival exhibit to smile arc, maxillary lip length and curvature.	17/01/2022 IEC/VSPMDCRC/ 02/2022
2.	Dr Abhay Kolte	Comprehensive classification system for localized alveolar bone deficiencies in treatment planning for dental implants – A proposed classification with reliability study.	17/01/2022 IEC/VSPMDCRC/ 05/2022
3.	Dr. Rajashri Kolte	Prevalence, Distribution and Severity of tongue coatings according to the proposed classification of Tongue Coatings Severity Index.	17/01/2022 IEC/VSPMDCRC/ 07/2022
4.	Dr. Surekha Rathod	Comparative evaluation of herbal gel as a adjunct to non- surgical periodontal therapy in stage 3 periodontal therapy: A Clinico-radiographic study.	17/02/2022 IEC/VSPMDCRC/ 08/2022
5.	Dr. Kamalkishor Mankar	Assessment of posterior superior alveolar canal position in Indian population: A CBCT study.	17/03/2022 IEC/VSPMDCRC/ 22/2022
6.	Dr. Prabhnoor Tuli	Comparative evaluation of vestibular incision sub-periosteal tunnel access(VISTA) technique with and without A-PRF in treatment of multiple adjacent recession defect – a clinico – radiographic study.	28/04/2022 IEC/VSPMDCRC/ 10/42022
7.	Dr. Shreya Warkad	Comparative evaluation of influence of microgrooved grip and spiral implant with microgrooved abutment on peri-implant hard and soft tissues: A randomized controlled clinical trial.	28/04/2022 IEC/VSPMDCRC/ 09/2022
8.	Dr. Supriya Kaule	Comparative evaluation of probe transparency, transgingival probing and machine learning software methods for the assessment of gingival phenotype.	28/04/2022 IEC/VSPMDCRC/ 11/2022

9.	Dr. Humaira Siddique	Comparative evaluation of ozone therapy and photodynamic therapy as an adjunct to scaling and root planning in stage II and III periodontitis: A split mouth randomized clinical trial.	28/04/2022 IEC/VSPMDCRC/ 12/2022
10.	Dr. Surekha Rathod	Evaluate and Compare the effect of structured viva-voce assessment for Final Year BDS Students in Periodontology and Implantology	21/6/2021 IEC/VSPMDCRC/ 43/2021
11.	Ayush Bhangadia	Knowledge, Awareness & Attitude regarding Dental Implants among Dental Interns in Central Vidarbha	17/2/2021 IEC/VSPMDCRC/ 43/2021
12.	Bushra Siddiqui	Assessment of knowledge and Attitude of Health Professionals and Workers towards Dentists as Frontline COVID providers	17/2/2021 IEC/VSPMDCRC/ 62/2021

**Department of Oral Pathology & Microbiology**  
**VSPM Dental College and Research Centre, Nagpur**  
**List of Ongoing Research Projects 2021-2022**

<b>Sr. No.</b>	<b>Name of Principal Investigator</b>	<b>Title of Research Project</b>	<b>Date &amp; IEC Approval Number</b>
1.	Nameera Baig	How dentist approaching web-based patient, are dentist willing to inco-operate online resources into their daily practices to improve & calculate the patient.	15/03/22 IEC/VSPMDCRC/ 27/2022
2.	Kapil Balani	Knowledge of ergonomics in dentistry & prevention of back pain in dental professionals	19/05/2022 IEC/VSPMDCRC/ 94/2022
3.	Srushti Buty	Change in awareness of patients towards oral health during & post pandemic	18/04/2022 IEC/VSPMDCRC/ 70/2022

**Department of Conservative Dentistry & Endodontics**  
**VSPM Dental College and Research Centre, Nagpur**  
**List of Ongoing Research Projects 2021-2022**

<b>Sr. No.</b>	<b>Name of Principal Investigator</b>	<b>Title of the Research project</b>	<b>Date and IEC Approval Number</b>
1.	Dr. Aditi Dhanvijay	Bioceramic sealer penetration in apical root denton following simulated cryotherapy using sodium hypochlorite, EDTA & chlorhexidine as last irrigants: an in vitro confocal study	28/4/2022 IEC/VSPMDCRC/ 07/2022
2.	Dr. Simran Gupta	Quantitative assessment of bond strength and evaluation of the failure modes of composite resin restoration after pretreatment with silver diamine fluoride using self etch and etch and rinse bonding techniques in permanent teeth-an in vitro study	28/04/2022 IEC/VSPMDCRC/ 05/2022
3.	Dr. Aditi Pande	Quantitative assessment of composite restoration placed on dentin substrate modified with application of MMP inhibitors after two newer techniques of caries removal in human teeth- an invitro study.	28/04/2022 IEC/VSPMDCRC/ 08/2022
4.	Dr. Prachi Choudhary	Comparative evaluation of remineralisation potential and surface microhardness of three different remineralising agents on artificial carious lesions- an in vitro study	28/04/2022 IEC/VSPMDCRC/ 06/2022
5.	Kiran Sontakke	Assessment of anxiety of clinical performance among dental interns during interns training module:a restrospective study.	18/04/2022 IEC/VSPM DCRC /52/2022
6.	Sneha Bhujade	A cross sectional study regarding oral hygiene habit and status of oral health among pharmaceutical meal worker	19/4/22 IEC/VSPMDCRC/55 /2022
7.	Rajani Kokode	Enthusiasm of graduate students students for use of haptic virtual reality technology as training module in preclinical dental curriculum in dental institute of Nagpur region	19/4/22 IEC/VSPMDCRC/54 /2022
8.	Shreyash Ohale	Assessment of knowledge attitude and practice about financial management among young dental practioners of central india	19/4/22 IEC/VSPMDCRC/53 /2022

**Department of Public Health Dentistry**  
**VSPM Dental College and Research Centre, Nagpur**  
**List of Ongoing Research Projects 2021-2022**

<b>Sr. No.</b>	<b>Name of Principal Investigator</b>	<b>Title of Research Project</b>	<b>Date &amp; IEC Approval Number</b>
1	Nikita Agrawal	Perceptions of dental house surgeons (Interns) about dentistry as a professional and career options among various dental schools in Nagpur.	18/04/2022 IEC/VSPMDCRC/ 48/2022
2	Tanushree Agrawal	Assessment of knowledge and awareness about the beneficial effects of chewing fennel seed amongst undergraduate students.	18/04/2022 IEC/VSPMDCRC/ 50/2022
3	Anjali Ahuja	Awareness on bioterrorism among dental interns and teaching staff in VSPM dental college and Research Centre, Nagpur.	18/04/2022 IEC/VSPMDCRC/ 47/2022
4	Ashwini Kamdi	Assessment of knowledge and attitude regarding virtual reality based technology in dentistry amongst dental students.	18/04/2022 IEC/VSPMDCRC/ 56/2022
5	Pratik Bagde	Understanding, point of view and acuity about role of robotics and artificial intelligence in the oral health and preventive dentistry in dental undergraduate students.	18/04/2022 IEC/VSPMDCRC/ 46/2022
6	Priyanka Bagde	A novel research protocol for illustrating the applicability of nanotechnology in dentistry among dental undergraduate students.	18/04/2022 IEC/VSPMDCRC/ 79/2022
7	Shruti Bajaj	Assessment of Cognizance about self-medication among medical and non-medical students	18/04/2022 IEC/VSPMDCRC/ 51/2022
8	Devashish Bhagat	Awareness of students about use of sugar free chewing gum and its anticariogenic effects.	18/04/2022 IEC/VSPMDCRC/ 49/2022

**Department of Pediatric & Preventive Dentistry**  
**VSPM Dental College and Research Centre, Nagpur**  
**List of Ongoing Research Projects 2021-2022**

<b>Sr. No.</b>	<b>Name of Principal Investigator</b>	<b>Title of Research Project</b>	<b>Date and IEC Approval Number</b>
1.	Dr. Samiksha Dharampuria	Comparative evaluation of efficacy of lidocain gel and lidocaine ice button as topical anesthesia for maxillary buccal infiltration technique in children aged 6-10 years:A randomized cross over study	28/4/22 IEC/VSPMDCRC /17/2022
2.	Dr. Jayu Gawande	Comparative evaluation of antimicrobial efficacy of Silver Diamine Fluoride (SDF), Atraumatic Restorative Technique (ART) and Silver Modified Atraumatic Restorative Technique (SMART) on Streptococcus mutans count in children: An In Vivo Study	28/4/22 IEC/VSPMDCRC /16/2022
3.	Dr. Vaishnavi Game	Evaluation of the effect of different duration of light curing silver diamine fluoride, on the precipitation of silver and fluoride ions,penetration depth and dentine hardness in deciduous teeth- An in vivo study	28/4/22 IEC/VSPMDCRC /18/2022
4.	Hitesh Dibbe	'Clinical dental photography: knowledge and practice among dental practitioner'	18/04/2022 IEC/VSPMDCRC /66/22
5.	Ashwini Dixit	'Parental awareness and hesitancy for pediatric COVID- 19 vaccination in and around Nagpur'	18/04/2022 IEC/VSPMDCRC /69/22
6.	Pooja Fating	'Knowledge and awareness in parents about dental flourosis in their children aged 6-16 years in Nagpur	18/04/2022 IEC/VSPMDCRC /68/22
7.	Apoorva Gadre	'Content analysis of Oral health related advertisement on Indian television '	18/04/2022 IEC/VSPMDCRC /70/22
8.	Iram Gazi	Research involvement and utilization in evidence based dental practice: A novel research protocol	18/04/2022 IEC/VSPMDCRC

			/64/22
9.	Janhavi Gedam	'To study the impact of lockdown during COVID- 19 outbreak on dietary habits in children of age 2-5 years in Nagpur'	18/04/2022 IEC/VSPMDCRC /67/22
10.	Samiksha Ghagre	'Content Analysis of videos on Infant oral health care''.	18/04/2022 IEC/VSPMDCRC /63/22
11.	Pooja Girhepunje	'Assessment of knowledge, attitude and practice among dental practitioner regarding use of MID in children'	18/04/2022 IEC/VSPMDCRC / /22

**Department of Orthodontics**  
**VSPM Dental College and Research Centre, Nagpur**  
**List of Ongoing Research Projects 2021-2022**

<b>Sr. No.</b>	<b>Name of Principal Investigator</b>	<b>Title of Research Project</b>	<b>Date and IEC approval number</b>
1.	Dr. Sanika Thakur	In Vivo Evaluation & comparison of force degradation of elastomeric chain & elastic module in active tieback during canine retraction : A split mouth experimental study	19/4/22 VSPM/DCRC/IEC/ PG/2022
2.	Dr. Jyotshna Shinde	Evaluation of Change in length, volume & fiber Orientation of masseter muscle in growing skeletal class II subjects before & after the use of twin block appliance	19/4/22 VSPM/DCRC/IEC/ PG/2022
3.	Dr. Mahima Sehgal	Evaluation of the distortion of essix retainers formed from biostar machine using intra oral digital scanner : An In vitro study	19/4/22 VSPM/DCRC/IEC/ PG/2022
4.	Vaishnavi Hatwar	Common gingival problems faced by the patients with fixed orthodontic appliances: A research protocol	16/07/22 IEC/VSPMDCRC/ 97/2022
5.	Katyayanee Sathone	Reflecting on oral health related quality of life among dental students	19/04/22 IEC/VSPMDCRC/ 37/2022
6.	Amruta Satdeve	Assessment of food consumption change in adolescents during orthodontic treatment	19/04/22 IEC/VSPMDCRC/ 38/2022
7.	Ashlesha Waghode	To assess knowledge of Lingual orthodontics among Dental students	19/4/22 IEC/VSPMDCRC/ 33/2022
8.	Anushree Yadav	Oral hygiene knowledge, attitude and practice among fixed orthodontic patients	19/04/22 IEC/VSPMDCRC/ 36/2022
9.	Vaishnavi Hatwar	Common gingival problems faced by the patients with fixed orthodontic appliances: A research protocol	16/07/22 IEC/VSPMDCRC/ 97/2022



**Department of Oral Medicine & Radiology**  
**VSPM Dental College and Research Centre, Nagpur**  
**List of Ongoing Research Projects 2021-2022**

<b>Sr. No</b>	<b>Name of Principal Investigator</b>	<b>Title of Research Project</b>	<b>IEC approval No &amp; date</b>
1.	Dr. Ashwini Dhotarkar	Correlation of midpalatal suture ossification and thickness of hard and soft tissues of midpalatal suture regions with age and gender: A Cone Beam Computed Tomography (CBCT) Study	28/04/22 IEC/VSPMDCRC/ 13/2022
2.	Dr. Shiwani Dalal	Correlation of oral and psychological status among pre- menopausal, peri- menioausal and post-menopausal women- A Comparative study	28/04/22 IEC/VSPMDCRC/ 15/2022
3.	Dr. Mayuri Sonole	Gender determination using morphometric analysis of Crista Galli and Glabella in Central India Population: A retrospective CT study	28/04/22 IEC/VSPMDCRC/ 14/2022
4.	Dr. Kanchan Ashtankar	C Shaped Canal configuration in mandibular premolars in indian population using cone bean computed tomography: A multi-centric study	24/12/2020 VSPMDCRC/IEC/ PG/24
5.	Dr. Aditi Fadnavis	Osteoarthritic changes in Temporomandibular Joint (TMJ) and its correlation with age: A Cone Beam Computed Tomography Study	24/12/2020 VSPMDCRC/IEC/ PG/22
6.	Dr. Trushita Banubakode, Dr. Shiwani Dalal	Unilateral Chewing and TMD'S- A Clinical and Radiological Correlation	18/09/2021 VSPMDCRC/IEC/ PG/21
7.	Dr. Divya Dubey	Evaluation of efficacy of B-Pollen in treatment of oral submucous fibrosis patients- A clinical drug trial	24/12/2020 VSPM/DCRC/IEC/ PG/23
8.	Mohsin Ayaz	To evaluate awareness regarding oral cancer and oral precancerous lesions among rural population of Hingna Nagpur: A Questionnaire Study	18/04/2022 IEC/VSPMDCRC/ 73/2022

9.	Hrushikesh Mishra	Corelation of temporomandibular joint disorder with depression & anxiety among students of Dental Institute in Central India_ A cross sectional study	18/04/2022 IEC/VSPMDCRC/ 58/2022
10.	Deepanjali Mishra	Evaluation of awareness, knowledge and attitude towards cone beam computed tomography among dental students	18/04/2022 IEC/VSPMDCRC/ 60/2022
11.	Neha Singh	Assessment of biomedical waste management among students in dental college in Nagpur.	18/04/2022 IEC/VSPMDCRC/ 43/2022
12.	Mayur Sistla	Evaluation of knowledge, attitude and practice regarding positron emission tomography scan in dental interns.	18/04/2022 IEC/VSPMDCRC/ 57/2022
13.	Yash Sharma	Evaluation of taste change in COVID – 19 patients (Questionnaire Based Study)	18/04/2022 IEC/VSPMDCRC/ 61/2022
14.	Adesh Watane	Morphological diversity of soft plate in lateral cephalogram – retrospectives study	18/04/2022 IEC/VSPMDCRC/ 59/2022

**Department of Prosthodontics & Maxillofacial Prosthesis**  
**VSPM Dental College and Research Centre, Nagpur**  
**List of Ongoing Research Projects 2021-2022**

<b>Sr. No.</b>	<b>Name of Principal Investigator</b>	<b>Title of Research Project</b>	<b>Date and IEC Approval Number</b>
1.	Dr. Jaishree Joshi	Assessing Time management skills among Denta Undergraduate students	19/04/2022 IEC/VSPMDCRC/ 04/2022
2.	Dr. Anita Kahar	Assessment of study skills and its correlation with exam performance of first BDS students	16/07/2022 IEC/VSPMDCRC/ 06/2022
3.	Dr. Jaishree Chahande	Case scenario and role play in Prosthodontics: Evaluation of patients communication skills of dental interns	15/02/2022 IEC/VSPMDCRC/ 03/2022
4.	Dr. Jaishree Chahande	Evaluation of errors during alginate impression and practicing trouble shooting	16/03/2022 IEC/VSPMDCRC/ 04/2022
5.	Dr. Jaishree Chahande	Awareness and perception of first year dental students about ragging	26/07/2022 IEC/VSPMDCRC/ 05/2022
6.	Dr. Jaishree Chahande	Autobiography of dental materials: a Novel active learning module in dentistry	16/02/2022 IEC/VSPMDCRC/ 02/2022
7.	Dr. Jaishree Chahande	Project base learning in Prosthodontics: An experimental competency- based learning in dental education	16/01/2022 IEC/VSPMDCRC/ 01/2022
8.	Dr. Radha Goverdhan	Measuring patients orofacial apperance in regional language using orofacial esthetic scale.	22/06/2022 IEC/VSPMDCRC/ 13/2022
9.	Dr. Radha Goverdhan	Comparative evaluation of tensile bond strength of zirconia with two luting cements using two different surface treatment –An in vitro study.	28/04/2022 IEC/VSPMDCRC/ 687/2022
10.	Dr. Reena Nagrare	Comparative evaluation of efficacy of four disinfection techniques on clinically derived	28/04/2022 IEC/VSPMDCRC/

		polyvinyl siloxane Impressions	03/2022
11.	Dr. Ruchita Kumbhare	Comparative evaluation of the accuracy of intraoral digital impression systems and conventional impression technique for multiple implants in full arch edentulous mandible –An in-vitro study	28/04/2022 IEC/VSPMDCRC/ 687/2022
12.	Dr. Ruchita Kumbhare	Effect of antioxidant therapy on the clinical outcomes in patients with dental implants –A Systematic Review	25/07/2022 IEC/VSPMDCRC/ 22 /2022
13.	Dr. Shachi Als	Comparative Evaluation of Effect of three different chromogens on the Colour Stability of High Impact Polymer Composite Material–An in vitro study	28/04/2022 IEC/VSPMDCRC/ 17 /2022
14.	Dr. Shachi Als	Evaluation of association between Gut Health, Migraine and Temporomandibular Joint Disorders in patients visiting the department.	26/07/2022 IEC/VSPMDCRC/ 687/2022
15.	Apoorva Dhopte	Knowledge about Xerostomiain Complete Denture patients Amongst Interns of Dental Institutes of Nagpur India	18/04/2022 IEC/VSPMDCRC/ 99/2022
16.	Miss. Spruha Deshpande	Correlation between emotional intelligence and academic performance in dental students.	15/03/2022 IEC/VSPMDCRC/ 22/2022

**Department of Oral & Maxillofacial Surgery**  
**VSPM Dental College and Research Centre, Nagpur**  
**List of Ongoing Research Projects 2021-2022**

<b>Sr. No.</b>	<b>Name of Principal Investigator</b>	<b>Title of Research Project</b>	<b>Date and IEC Approval Number</b>
1.	Dr. Ishani Bhawe	Evaluation or 'y' modification of trasconjunctival approach for zygomaticomaxillary complex fractures – A Comparative observational study	23/12/2020 VSPM's/DCRC/IEC/PG/10/2020
2.	Dr. Simran Sangani	Evaluation of effectiveness of Gow-Gates mandibular nerve block technique in patients undergoing extraction of bilateral mandibular teeth – A prospective split mouth study	23/12/2020 VSPM'S/DCRC/IEC/PG/11/2020
3.	Dr. Nimish Situt	Evaluation of coronal flap in maxillofacial trauma patients – An observational study	23/12/2020 VSPM/DCRC/IEC/PG/12/2020
4.	Dr. Rutuja Deshmukh	Comparison of effect of advanced platelet rich fibrin and leukocyte platelet rich fibrin on healing of extraction socket of single rooted teeth – A randomized controlled trail	28/04/22 IEC/VSPMDCRC/22/2022
5.	Dr. Alvina Waghechoure	Comparison of efficacy of alar base approach & bicuspid approach for infraorbital nerve block technique	28/04/22 IEC/VSPMDCRC/23/2022
6.	Dr. Adit Hawelkar	A comparison study on bone (mandible) holding forceps technique with screw wire traction (ATON) technique for intraoperative anatomic reduction in mandibular fractures – A randomized controlled trail	28/04/22 IEC/VSPMDCRC/24/2022
7.	Nayan Pachpol	Evaluate the change ,challenges & possible solution faced during and post COVID-19 area in dental practice among undergraduate students a search protocol.	18/04/2022 IEC/VSPMDCRC/83/2022
8.	Maheh Kharche	To assess knowledge and awareness of combined treatment of dry socket among intern : research proposal	18/04/2022 IEC/VSPMDCRC/81/2022
9.	Avanti	A comparative study between teledentistry and	18/04/2022

	Kumbhalwar	conventional dentistry regarding follow up in maxillofacial surgery : a novel research protocol.	IEC/VSPMDCRC/ 80/2022
10.	Tuleeka Gupta	To assess the prevalence of fear of needles and its characteristics- a research proposal.	18/04/2022 IEC/VSPMDCRC/ 77/2022
11.	Navratna Kumar	Evaluation of interest and awareness of dental students towards junior jobs recruitments in oral and maxillofacial surgery	18/04/2022 IEC/VSPMDCRC/ 82/2022
12.	Natasha Meshram	To evaluate antibiotic prescription pattern of dentists in Nagpur – a research proposal.	18/04/2022 IEC/VSPMDCRC/ 78/2022
13.	Akshay Meshram	To assess knowledge , attitude and perception regarding artificial intelligence application in OMFS among postgraduates students and interns: A research protocol	18/04/2022 IEC/VSPMDCRC/ 89/2022
14.	Nidhi Khangar	Evaluation of awareness and knowledge about medication related osteonecrosis of jaw among interns and postgraduates.	18/04/2022 IEC/VSPMDCRC/ 76/2022
15.	Toshni Girolkar	Evaluation of knowledge ,perspective and performance of dental students in relation to property preservation of extracted human tooth.	18/04/2022 IEC/VSPMDCRC/ 86/2022
16.	Mohit Mulchandani	To assess awareness of local anesthesia complication and its management among dental students.	18/04/2022 IEC/VSPMDCRC/ 85/2022
17.	Kashif Mohammed	Evaluation of awareness and knowledge regarding mandibular reconstruction in interns and postgraduates.	18/04/2022 IEC/VSPMDCRC/ 75/2022
18.	Kalyani Jaybhaye	To assess attitude,motivation and barrier to career in maxillofacial surgery among women undergraduate dental student.	18/04/2022 IEC/VSPMDCRC/ 88/2022
19.	Ashwini Madavi	To assess knowledge and attitude of covid batch interns towards clinical postings.	18/04/2022 IEC/VSPMDCRC/ 87/2022
20.	Manas Jain	To evaluate public and professional perceptions of the scope of practice of oral and maxillofacial surgeons.	18/04/2022 IEC/VSPMDCRC/ 90/2022

