

**DEPARTMENT OF PROSTHODONTICS  
VSPM DENTAL COLLEGE & RESEARCH CENTRE, NAGPUR  
COMPLETED RESEARCH PROJECTS 2018**

<b>Sr.no</b>	<b>Name of Investigator</b>	<b>Title</b>
1.	Dr.Anuj Chandak	Comparative analysis of patients satisfaction after rehabilitation using All on 4 concept following flapless vs open flap approach
2.	Dr. Insiyah Yusuf	Evaluation of knowledge and attitude of dental practitioners towards HIV/AIDS patients in Nagpur region
3.	Dr. Chetna Rambhad	Evaluation of knowledge, attitude and practice on computer aided design/computer aided manufacturing and its applications among undergraduates – a cross sectional study
4.	Dr. Priyanka Tompe	Dietary practice and oral hygiene practice among undergraduate students,nagpur
5.	Dr. Tazeen Raees	An investigation of relationship of stress and occlusal factors with prevalence and severity of TMJ disorders in students – a cross sectional study
6.	Dr. Chetna Rambhad	Prevalence Of Musculoskeletal Problems And Knowledge Of Ergonomics Among Preclinical Undergraduate Students- a cross sectional study
7.	Dr. Trupti Bangre	Knowledge, Attitude And Practices Regarding Temporomandibular Disorder Amongst Healthcare Practitioners In Nagpur Region
8.	Dr. Rahul Tekale	Comparative Evaluation Of Water Sorption Of Heat Polymerized Polymethyl Methacrylate Denture Based Resin Reinforced With Different Concentration Of Silanized Titanium Dioxide (TiO <sub>2</sub> ) Nanoparticles
9.	Dr. Sneha Mehta	Attitude And Practices Of Infection Control Among Senior Dental Student At VSPM Dental College Nagpur
10.	Dr. Anita Kahar	Evaluation of stresses among students and interns (hostelites) of dental college
11.	Dr. Tushar Mowade	A survey of disinfection of silicon impressions in private dental practitioners in Nagpur city
12.	Dr. Jaishree Chahande	Self assessment of study skills of dental students: A survey
13.	Dr. Neelam Pande	Assessment of undergraduate dental students by structural oral examination in the department of Prosthodontics
14.	Dr. Ojas Gajbhiye	Evaluation of patient satisfaction regarding fixed prosthodontic treatment in three different institutes of Nagpur region
15.	Dr. Richa Sahai	Knowledge of Occlusal splint therapy for TMJ disorders among dental practitioners in Nagpur – a cross sectional study
16.	Dr. Vijeta Gajbhiye	Clinical evaluation of gingival displacement produced by three different gingival retraction systems along with their dimensional accuracy – an in vivo study
17.	Sanjana Agrawal	Assessment of myths regarding oral health and dental treatment among patients visiting to private dental institute of Nagpur city
18.	Dr.Priti Jaiswal	Quality of life in patients rehabilitated with implant supported prosthesis

19.	Jalan Sumeet	Comparative evaluation of antimicrobial efficacy of aqueous ozone, microwave irradiation and sodium hypochlorite solution on heat polymerized polymethyl methacrylate denture base material against candida albicans – an in vitro study
20.	Priyanka Tompe	Comparative evaluation of the retention of single unit metal copings fabricated by conventional casting, 3d milling and direct metal laser sintering techniques – an in vitro study
21.	Sanjana Agrawal	Attitude of urban school children towards their dental appearance – a pilot study
22.	Suyog Bahiramwar	Comparative evaluation of impact strength of heat polymerised polymethyl methacrylate denture base material reinforced with non silanized and silanized tetragonal zirconium oxide nanoparticle – an in vitro study
23.	Priya Gupta	A comparative evaluation of flexural strength of heat polymerized polymethyl methacrylate provisional fixed restorative resin reinforced with different percentages of silanized zirconium oxide nanoparticles – an in vitro study
24.	Dr. Rajlakshmi Banerjee	Knowledge and attitude of dental students regarding geriatric dental care
25.	Kshitija Dhoke	Assessment of knowledge, attitude , awareness and practice regarding organ donation among dental students
26.	Bela Khobragade	Oral hygiene knowledge, attitude and self care practice of dental student
27.	Sanjeevani Kamdi	Knowledge, attitude and practice regarding emergency drug and condition among dental practitioner in Nagpur region
28.	Priyanka Masram	Knowledge, attitude and behaviour among dental professional of dental institute towards hepatitis B infection – a cross sectional study
29.	Ankita Kale	Dental patients awareness regarding dental implant as a treatment option in replacing missing teeth
30.	Ashwini Pardhi	To evaluate emotional intelligence among dental undergraduates
31.	Ksitija Dhoke	Assessment of knowledge, attitude , awareness and practice regarding organ donation among dental students
32.	Gargee Muley	Denture care and maintenance among patients visiting VSPMDCRC
33.	Ashlesha Mehal	Chair position awareness among undergraduate and postgraduate students of VSPMDCRC
34.	Esha Jaiswal	Impact of tooth loss on oral health quality in completely and partially edentulous patients
35.	Swati Pawar	Personal SWOT analysis of undergraduate student – a tool for successful career
36.	Meenal Pande	Evaluation among geriatrics and assessment of related factors
37.	Karan Jaiswal	Knowledge attitude and practice regarding provisional restoration among dentist
38.	Dr. Rajlakshmi Banerjee	Knowledge and attitude of dental students regarding geriatric dental care
39.	Dr. Rupesh Vaidya	Oral health related quality of life in patients with temporomandibular disorders – a case control study
40.	Dr. Saeesh Deshpande	Evaluation of risk factor and clinical manifestations of

		temporomandibular disorders – a case control study
41.	Dr. Priya Gupta	Evaluating the validity and golden proportion and golden percentage in young adults – a cross sectional study
42.	Dr.Insiya yusuf Lakkadwala	Evaluation of awareness of work-related musculoskeletal disorders among dental practitioners in Nagpur region – a cross sectional study
43.	Dr. Sumeet Jalan	Trends in selection, usage and techniques of interocclusal record materials among private dental practioners in Nagpur region – a cross sectional study

**DEPARTMENT OF PERIODONTICS & IMPLANTOLOGY  
VSPM DENTAL COLLEGE & RESEARCH CENTRE, NAGPUR  
COMPLETED RESEARCH PROJECTS 2018**

<b>Sr.no</b>	<b>Name of investigator</b>	<b>Title</b>
1.	Dr. Abhay Kolte	Assessment of buccal and lingual bone thickness of maxillary and mandibular posterior region: A CBCT study
2.	Dr. Surekha Rathod	Development and effectiveness of basic surgical skill module for interns
3.	Dr. Surekha Rathod	A study to assess the impact of a group intervention(VIHASA) on mental well being of dental interns
4.	Dr. Surekha Rathod	Development and effectiveness of basic surgical skill module for interns
5.	Dr. Rajashri Kolte	Association of gingival line angle with gingival and interdental smile line in periodontally healthy patients
6.	Dr. Surekha Rathod	Assessment of bone resorption distal to mandibular second molar adjacent to third molar – a radiographic study
7.	Dr. Rajashri Kolte	Association of gingival line angle with gingival and interdental smile line in periodontally healthy patients
8.	Renuka Swami	Comparative evaluation of 1% Metformin gel plus PRF alone in treatment of class II furcation defects: a clinicoradiographic study
9.	Priyanka Rahate	Evaluation of stress, serum and salivary ghrelin and cortisol levels in smokers and non smokers with stage III periodontitis
10.	Noopur Gonde	Comparative evaluation of 1% metformin gel as an adjunct to non surgical periodontal therapy in stage III periodontitis : A CBCT study
11.	Janhvi Bhoyar	Knowledge and awareness of career options after BDS among dental students
12.	Nirzar B urande	Knowledge of drug prescription among BDS students
13.	Sanika Kamble	Assessment of anxiety among dentate population visiting dental hospital using modified dental anxiety scale
14.	Apurva biduvikar	To study and evaluate the variation in frenal attachment and morphology in diverse population – a clinical study
15.	Sanika Kamble	Assessment of anxiety in patients coming to dental hospital using modified dental anxiety scale
16.	Janhvi Bhoyar	Evaluate knowledge and awareness of career options among dental students after BDS
17.	Dr.Abhay Kolte	Association of gingival and zenith position display in maxillary anterior and premolar region with gingival and interdental smile line – a gender based evaluation

**DEPARTMENT OF ORTHODONTICS  
VSPM DENTAL COLLEGE & RESEARCH CENTRE, NAGPUR  
COMPLETED RESEARCH PROJECTS 2018**

<b>Sr.no</b>	<b>Name of investigator</b>	<b>Title</b>
1.	Dr.Nitesh Mahaton	Evaluation of anteroposterior relationship of maxillary central incisors to a soft tissue plane in Maharashtra population – a photographic study
2.	Dr. Anjali Khekade	Relationship between arch width and vertical facial morphology in untreated adults of Nagpur population
3.	Dr. Nivedita Nandeshwar	Comparative evaluation of collum angle of maxillary central incisors in patients with angles class I, class II div 1 and class II div 2 malocclusions – a cephalometric study
4.	Dr. Pooja Wajekar	Comparison of overjet with overbite and the growth pattern in untreated Class II subjects
5.	Dr Kshitij Sabley	Reliability Of The Individual Widths Of Mandibular Permanent First Molar And Incisors As Predictors Of Mandibular Permanent Canine And Premolar Widths In Patients Reporting To VSPMs Dental College And Research Center, Nagpur
6.	Dr. Madhuri Chandak	Evaluation of the knowledge among parents regarding effects of cough and cold on malalignment of teeth before and after sensitization
7.	Dr. Anjali Khekade	Perception of relationship between TMD and orthodontic treatment among orthodontists: cure or cause?
8.	Dr. Nivedita Nandeshwar	Perception of dental professionals and laypersons to appearance of orthodontic appliances, their acceptance and value for money in central India population: a questionnaire study
9.	Dr. Akshaya Rajagopal	Orthodontic treatment motivation: a cross sectional analysis of parents and adults responses using IOTN index
10.	Dr. Neha Shyamkul	Awareness of microimplants among dental practitioners
11.	Dr. Nitesh Mahaton	Assessment of knowledge of use of research methodology among central india orthodontics postgraduate students
12.	Shwetal Jadhav	Evaluation and assessment of ala tragus line as a Guide in determining the Occlusal plane in different facial divergences: an in vivo study
13.	Akash kudmathe	Comparative assessment of orthopantomogram and lateral cephalogram for linear and angular measurement of mandible in skeletal class I and class II cases in hypodivergent growth patterns – a digitized study

14.	Devyani sangai	Evaluation of mandibular morphology in class II malocclusion with different facial patterns – a digital software study
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**DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY  
VSPM DENTAL COLLEGE & RESEARCH CENTRE, NAGPUR  
COMPLETED RESEARCH PROJECTS 2018**

<b>Sr.no</b>	<b>Name of investigator</b>	<b>Title</b>
1.	Dr.Apeksha Dhole	Direct observation of procedural skills (DOPS) assessment in undergraduates with use of simulation in radiology
2.	Dr. Tapasya Karemore	Students' perception of small group teaching in final year BDS
3.	Dr. Tapasya Karemore	Oral cancer awareness importance of early detection and counselling for deaddiction – a teaching module for dental students in Central India institute
4.	Dr. Manjiri Charpe	Evaluation of enamel solubility by effects of hard drinks on teeth – an in vitro study
5.	Dr.Shruti Talmale	Determination of stature using lateral cephalogram, odontometry and skull anthropometry among central India population
6.	Dr.Shruti Talmale	Evaluation of professional knowledge of dentist and obstetricians regarding prenatal dental care: a questionnaire survey
7.	Aditi Sharma	Evaluation of knowledge and belief regarding tobacco consumption among the non teaching staff members working in 4 health institutes in Hingna
8.	Bhuvaneshwari Bhalme	Knowledge and attitude towards dental insurance among patients: a cross sectional study
9.	Hrushikesh Malikar	Habit analysis of individuals with smokers palate in Nagpur
10.	Rajni patle	Evaluation of association between craniofacial dimensions, head posture, Occlusal curvature and temporomandibular disorders
11.	Shreya kohale	Evaluation of effect of smartphone overuse on cervicofacial muscles and cervical spine
12.	Adeeba	Assessment of digital intraoral periapical radiograph for the detection of apical root resorption in inflammatory periapical pathologies – a radiovisiography study
13.	Dr.Stuti Bhargav	Knowledge, attitude and practices of tobacco cessation intervention provided by clinicians in India

**DEPARTMENT OF ORAL AND MAXILLOFACIAL SURGERY  
VSPM DENTAL COLLEGE & RESEARCH CENTRE, NAGPUR  
COMPLETED RESEARCH PROJECTS 2018**

<b>Sr.no</b>	<b>Name of investigator</b>	<b>Title</b>
1.	Dr. Payal Peshwani	Comparison Of Analgesic, Anti-inflammatory Efficacy Of Tramadol, Aceclofenac And Combination Of Tramadol And Aceclofenac In Third Molar surgery: a randomised double blind prospective study
2.	Dr. Manjiri Chakor	Survey on Awareness Of Antibiotics Prescribing Among The Dental Professionals
3.	Dr. Manjiri Chakor	Survey On Awareness Of Gloving Techniques Among Medical Professionals
4.	Dr. Payal Peshwani	Comparison Of Transmandibular Resection With Or Without Lips Splitting: A Retrospective Study
5.	Dr.Ahmed Holy	To evaluate the effect of CPP ACP as a irrigant in improving the microhardness after placement of intracanal medicament and its influence on the bond strength of resin based sealer – an in viro study
6.	Jignesh Rajguru	Platelet rich fibrin versus chitosan dental dressing in patients undergoing mandibular teeth extractions – a prospective split mouth study
7.	Jui Karmarkar	Evaluation of effectiveness of vibraject injection technique in patients undergoing orthodontic extraction of bilateral maxillary premolar : a prospective split mouth study
8.	Disha Kothari	Evaluation of trismus after inferior alveolar nerve block – a prospective study
9.	Dr.Shruti Jain	Assessment of knowledge and attitude towards ergonomics in dental practice
10.	Dr.Gopi Singhania	Soft tissue injury – an observational study
11.	Dr.Jui Karmarkar	Comparison of oral bromaline and oral diclofenac administration
12.	Saivi Datar	Study of attitude and knowledge of dental practioners towards dental management of patients on anticoagulant and/or anti platelet therpay
13.	Amisha Saoji	Study of attitude and knowledge of dental practioners towards dental management of patients on anticoagulant and/or anti platelet therpay

**DEPARTMENT OF PEDODONTICS  
VSPM DENTAL COLLEGE & RESEARCH CENTRE, NAGPUR  
COMPLETED RESEARCH PROJECTS 2018**

<b>Sr.no</b>	<b>Name of investigator</b>	<b>Title</b>
1.	Dr. Shrutika Mankar	Assessment of rubber dam use by paediatric dental professional and post graduate trainee in India : a questionnaire based survey
2.	Dr. Ketaki Gudadhe	Assessment of effect of cartoon based dentist attire on dental fear of pediatric patients
3.	Dr. Pooja Rathi	Use of local anaesthesia by pediatric dentist in India – a cross sectional questionnaire based survey
4.	Dr. Gauri Juare	Parental perception and acceptance of nano silver fluoride over GIC restoration for treatment of dental caries in primary teeth
5.	Dr. Nutan Pustode	Knowledge, attitude and practice of pediatric dentists towards providing oral health care to patients with special health care needs in India- a questionnaire based survey
6.	Dr. Gauri Juare	Comparison of chewable, powered and manual toothbrushes for plaque removal efficacy in 4-6 year old children: a cross over study
7.	Harsha Sawant	Comparative evaluation of the antimicrobial efficacy of aqueous ozone and sodium hypochlorite as root canal irrigant in non vital primary teeth – a randomized controlled study
8.	Shrawani Mankar	Comparison of pain on injection and onset of anaesthesia of 2% buffered lidocaine (with 1:200000 adrenaline) in inferior alveolar nerve block for primary molar: a randomized double blind study
9.	Sakshi Bisen	Comparison of the effectiveness of 25% silver nitrate followed by 5% sodium fluoride varnish with 38% silver diamine fluoride varnish in arresting caries in children: a randomised controlled study
10.	Rewa Kawade	To assess parents perception regarding childs first dental visit – a cross sectional questionnaire based study

**DEPARTMENT OF CONSERVATIVE DENTISTRY  
VSPM DENTAL COLLEGE & RESEARCH CENTRE, NAGPUR  
COMPLETED RESEARCH PROJECTS 2018**

<b>Sr.no</b>	<b>Name of Investigator</b>	<b>Title</b>
1.	Dr.Neha Mundhada	Perspective of dental practioners about post endodontic restoration: a questionnaire based survey conducted in central India
2.	Esha Fulzele	Assessment of relationship between frequency of carbohydrate and fast food consumption and dental caries: a cross sectional study in young adults (age 18-22 years) of Nagpur
3.	Aishwarya Duple	Evaluation of perception, attitude and practice of young adults towards toothbrush – its maintenance and replacement in Nagpur city – a cross sectional study
4.	Sachin Bengal	Comparative evaluation of surface roughness and microhardness of bulk fill composite resin after exposure to three different beverages
5.	Avisha Agrawal	Comparision of fracture resistance of teeth restored with four different post systems and study of of its photoelastic stress analysis: an in vitro study
6.	Shriya Shahu	Comparative evaluation of quality of hybrid layer formation and microtensile bond strength in self etch vs etch and rinse strategies after use of two universal adhesives with varying evaporation protocol: a confocal study
7.	Himani Thawale	Comparative evaluation of three different drying protocols on intratubular penetration and push out bond strength of resin based sealer and calcium silicate based sealer – an in vitro study
8.	Sakshi Pathak	To assess knowledge and create awareness regarding management of avulsed tooth in school going children
9.	Sakshi Pathak	To assess the knowledge and awareness regarding management of avulsed tooth in school
10.	Swayangprabha Sarangi	Awareness regarding root canal treatment amongst patient visiting ddental OPD – a cross sectional study

**DEPARTMENT OF ORAL PATHOLOGY  
VSPM DENTAL COLLEGE & RESEARCH CENTRE, NAGPUR  
COMPLETED RESEARCH PROJECTS 2018**

<b>Sr.no</b>	<b>Name of investigator</b>	<b>Title</b>
1.	Dr. Rakshata Sorte	To evaluate the prevalence of areca nut and tobacco habits among housemaids of south Nagpur region – a cross sectional study
2.	Dr. Ayushi Pakhale	A morphological evaluation of tongue as an identification tool in forensic odontology: a single blind folded study
3.	Dr. Geeta Karyakarte	Assessment of knowledge and attitude about forensic odontology as a field and a career option among undergraduate dental students in south Nagpur region: a cross sectional study
4.	Dr. Ayushi Pakhale	Assessment of sexual behaviour of male tobacco chewers: a survey in Nagpur region
5.	Rucha Gulhane	Estimation and correlation of the levels of salivary thiocyanate with occurrence of micronuclei in tobacco chewers and oral submucous fibrosis patients – a biochemical and cytological study
6.	Dr. Ashish Bodhade	To assess histopathological features of oral submucous fibrosis on light microscopy: an observational study
7.	Dr. Ashish Bodhade	Assessment and correlation of apoptotic index, mitotic rate and depth of invasive tumour front in different grades of squamous cell carcinoma(OSCC): A histopathological study
8.	Aditya Agrawal	To evaluate effectiveness of vitamin C in oral submucous fibrosis by cell culture – an experimental study
9.	Dr. Ashish Bodhade	To assess histopathological features of oral submucous fibrosis on light microscopy – an observational study
10.	Dr. Ashish Bodhade	Assessment and correlation of apoptotic index, mitotic rate and depth of invasive tumour front in different grades of squamous cell carcinoma(OSCC): A histopathological study