

**DEPARTMENT OF ORAL MEDICINE**  
**VSPM DENTAL COLLEGE & RESEARCH CENTRE, NAGPUR**  
**COMPLETED RESEARCH PROJECTS 2015**

<b>Sr.no</b>	<b>Name of investigator</b>	<b>Title</b>
1.	Dr.Apeksha Dhole (Balpande)	Comparative evaluation of three methods of learning in understanding radiographic landmark to dental undergraduates.
2.	Dr.Apeksha Dhole (Balpande)	Utility of computer-assisted tracing in learning the intraoral radiographic landmarks in dental undergraduates.
3.	Dr.Apeksha Dhole (Balpande)	Comparative evaluation of three methods of learning in understanding radiographic landmark to dental undergraduates.
4.	Dr.Sonal Dhote	Comparative evaluation of the flexural strength of two different flowable composites with resin modified gic-an in vitro study
5.	Dr. Smriti Jagdhari	Awareness of Oral Cancer in Out Door Patients in VSPM DCRC.
6.	Dr. Mukta Motwani	A study to evaluate the internship program for dental profession
7.	Dr. Aditya Dupare	Evaluation of modified extraoral technique in zygomatic arch examination
8.	Dr. Pallavi Assudani	Evaluation of the utility of permanent maxillary canines in age and gender determination: A clinico-radiographic study
9.	Dr.NiluferPajnigara	A comparative study of there commonly used two-dimensional overlay generation methods in bite mark analysis
10.	Dr. Rohit Biranjan	Use of mid upper arm circumference for evaluation of nutritional status of OSMF patients
11.	Dr. Sunil A Baghel	Oral Manifestations And Intra-Oral Periapical Radiographic Changes In Patients With Chronic Renal Failure - An Observational Study
12.	Dr.Tapasya Karemore	Communication skills: Sensitizing and training third year BDS students
13.	Miss. Divya Makhijani IIIrd BDS	Evaluation of Oral Hygiene Status and Treatment needs among physically disabled (deaf & dumb) children attending special school in Central India-Nagpur
14.	Dr. Smriti Jagdhari	Awareness of Biomedical waste Management among Doctors in dental colleges in Nagpur a cross - sectional study

**DEPARTMENT OF PERIODONTICS**  
**VSPM DENTAL COLLEGE & RESEARCH CENTRE, NAGPUR**  
**COMPLETED RESEARCH PROJECTS 2015**

<b>Sr.no</b>	<b>Name of investigator</b>	<b>Title</b>
1.	Dr.Anubha Raj	Evaluation of Most cell count and Density in Periodontal Health and Disease: A Comparative study
2.	Dr. Girish Bodhare	The Association between Existence of central papilla and Embrasure crown Morphology in Different Gingival Biotypes
3.	Dr.Vrushali Lathiya	Anxiety obesity and Periodontal Disease in Smokers and Non Smokers A Cross Sectional Study
4.	Dr. Pratima Rode	To fabricate a training appliance for edentulous patients for recording centric relation using the average distance between the centre on incisive papilla and the point where tongue touches the palate in centric relation position
5.	Dr.Pranita Rode	Morphometric Analysis of Maxillary Central Incisors and its Influence on Gingival Characteristics
6.	Dr. Nishi Chourasia	A Survey on Gingival Displacement (Gingival Retraction) Practices Among Dental Practitioners in Nagpur.
7.	Dr. Surekha Rathod	Assessment of Cytogenetic Damage In Patients With Periodontitis And Type - 2 Diabetes Mellitus By Micronucleus Frequency.
8.	Dr. Surekha Rathod	Assessment of oral hygiene status in age group of 7-13 years attending primary/middle school using oral hygiene index simplified in Hingna tahsil.
9.	Perna Motwani	Association between chronic obstructive pulmonary disease in hospitalized patients and oral health status: A cross sectional study.
10.	Dr. Surekha Rathod	Evaluation of clinical competencies using MINI CEX tool in postgraduate dental student
11.	Aishwarya S. Ikhar	"Perception Of Ethical Issues, Hassle In Under Graduate Medical And Dental Education"
12.	Rachit Singh	"Perception of Dentistry amongst Undergraduate Students"
13.	Kalyani Deshmukh	"Knowledge, Attitude and Willingness to care for the patients with HIV amongst dental professionals"
14.	Miss. Chinmayee Dahihandekar IIIrd BDS	Knowledge of risk factors and periodontal disease-systemic link
15.	Ankita Gabhane IInd BDS	Cognizance of the health providers regarding the link of periodontal disease and pre-term birth
16.	Shivani Samarth IInd BDS	Unexplored barriers for the growth of research in central india
17.	Shrutika Khode IInd BDS	Assessment of Dental Knowledge, Attitude and Oral Hygiene Procedures amongst School Children in Central India
18.	Shreyasi Jogi IInd BDS	Academic Dishonesty: Confessions and Penitence by Dental Students and Faculty
19.	Anam Khan IIIrd BDS	Attitudes of dental professional & Towards Tobacco use: A Questionnaire study
20.	Dr. Surekha Rathod	Perception Of Dental Practitioners Towards Evidence Based Practice: A Questionnaire Study

**DEPARTMENT OF ORTHODONTICS**  
**VSPM DENTAL COLLEGE & RESEARCH CENTRE, NAGPUR**  
**COMPLETED RESEARCH PROJECTS 2015**

<b>Sr.no</b>	<b>Name of investigator</b>	<b>Title</b>
1.	Dr. Rajat Bajaj	Evaluation of root resorption associated with ectopically erupting canine or impacted canine and its adjacent teeth a computed tomographic study.
2.	Dr. Leena Jangde	Cephalometric evaluation of the changes in the position of hyoid bone and changes in airway dimensions following twin block appliance therapy
3.	Dr. Ananya Hazare	“Perceptions of dental professionals towards Basic Life Support (BLS) and medical emergency training in India”
4.	Dr. Ananya Hazare	Evaluation of Patients education motivation and attitude towards oral hygiene maintenance during fixed orthodontics treatment
5.	Dr. Pankaj Akhare	Comparision of intercanine and intermolar arch width among Angle's malocclusion groups
6.	Miss. Prachee Shanware	Reliability & comparison of conventional model analysis technique with smartphone applications
7.	Dr Anshuka	Awareness of allergic manifestations encountered in the routine orthodontic practice-an online survey study
8.	Dr. Usha Shenoy	A retrospective audit to assess the Quality of lateral cephalograms taken as VSPM'S DCRC

**DEPARTMENT OF ORAL PATHOLOGY  
VSPM DENTAL COLLEGE & RESEARCH CENTRE, NAGPUR  
COMPLETED RESEARCH PROJECTS 2015**

<b>Sr.no</b>	<b>Name of investigator</b>	<b>Title</b>
<b>1.</b>	Omprakash Narware	Prevalence of Undiagnosed diabetes mellitus, Its Associated Oral Manifestations and risk factors Among Dental OPD Patients in Tertiary Denal Care Centre.
<b>2.</b>	Dr. Rohit B. Moharil	“Predictive value of tumor thickness in oral squamous cell carcinoma.”
<b>3.</b>	Dr. Hema Suryawanshi	Cytogenetic and Histopathological Analysis In Oral Potentially Malignant Lesions And Oral Squamous Cell Carcinoma.
<b>4.</b>	Dr. Rohit B. Moharil	Knowledge, Attitude and Practices of Hand Hygiene in Dental Teaching Institute.
<b>5.</b>	D. Neena Dongre	Gender Determination UsingDiagonal Measurements of Maxillary First Premolar and Maxillary First Molar Teeth in Nagpur Population
<b>6.</b>	Dr. Ashish B. Bodhade	To evaluate the effectivenessof case based learning tool for teaching IIIrd BDS students in the subject of Oral Pathology & Microbiology
<b>7.</b>	Dr. Hema Suryawanshi	Chromosome 17 abnormalities in potentially malignant disorders and squamous cell carcinoma of the oral cavity
<b>8.</b>	MeenalPande Iind BDS	Electromyographic and ultrasonographic evaluation of massetric hypertrophy in oral submucus fibrosis patients
<b>9.</b>	Namrata D. Bhoyar IIIrd BDS	Evaluating Knowledge and Awareness of Dental stem cells amongst Dental professionals of Nagpur City, Maharashtra - A crass sectional survey.

**DEPARTMENT OF ORAL SURGERY  
VSPM DENTAL COLLEGE & RESEARCH CENTRE, NAGPUR  
COMPLETED RESEARCH PROJECTS 2015**

<b>Sr No</b>	<b>Name of Researcher</b>	<b>Title</b>
1.	Ms. Anuja Tamhane	Evaluating the effect of scheduled customized psychological counseling module on emotional quotient, anxiety- depression level, and quality of life of preoperative oral-head-neck cancer patients
2	Dr. Chinmay Rao	“Analysis of epidemiological and treatment data of trauma patients treated at VSPM Dental College & Research Centre: A 7 year retrospective study. “
3.	Dr.PayalPeshwani	Clinical evaluation of anti-inflammatory effect of Aceclofenac and a combination of Aceclofenac and Tramadol in third molar surgery.
4.	Dr. Sapna K. Vadera	A Comparative evaluation of efficacy of Physics forceps and extraction forceps in extraction of upper molars.
5.	Dr. Sandeep Khandaitkar	A clinical study to determine the efficacy of dexmedetomidine as a adjuvant to lignocaine in infraorbital nerve block..
6.	Dr. Rahul Dahake	Clinical evaluation of efficacy of 2% lignocaine with 1:200,000 adrenaline in local anesthesia buffered with 7.5% sodium bicarbonate in inferior alveolar nerve block.
7.	Dr.Vrinda Kolte	Immediate placement of implant in periodontally infected and healthy sites Implant survival
8.	Miss Yamini Agrawal BDS	what after Bachelor of dental surgery? Awareness regarding progression amongst budding dentist. A cross sectional study
9.	Dr.Nilima Budhraja	Evaluation of a Novel Method of Training Students for the administration of Inferior Alveolar Nerve Block along with the proper technique of extraction of Mandibular Teeth

**DEPARTMENT OF CONSERVATIVE AND ENDODONTICS  
VSPM DENTAL COLLEGE & RESEARCH CENTRE, NAGPUR  
COMPLETED RESEARCH PROJECTS 2015**

<b>Sr.no</b>	<b>Name of investigator</b>	<b>Title</b>
1.	Dr. Chetna Makade	“Antimicrobial activity of herbal extract and oils against oral pathogens : An in vitro study.”
2.	Dr. Chetna Makade	Evaluation of structural effects and elasticity of gutta-percha cones with use of herbal oils and extract during gutta-percha disinfection: An atomic force microscope study.
3.	Dr. Chetna Makade	Generation of 3D Element Model of Tooth Using CBCT Data and Analysis of Stress Distribution of tooth with and without Different Dental Restorative Materials.
4.	Dr. Pratima Shenoi	Comparative evaluation of shaping ability of Protaper Next, Hyflex CM and V taper 2H in curved canals using CBCT-An in vitro study
5.	Dr. D.D. Shori	To Evaluate And Compare The Effect Of Addition Of Titanium Oxide Nanoparticles With Zinc Oxide Nanoparticles In Conventional Glass-ionomer Cement (GIC) On Its Mechanical Properties (Compressive And Tensile Strength) : An In Vitro Study.
6.	Dr. D.D. Shori	To Evaluate And Compare The Effect Of Addition Of Titanium Oxide Nanoparticles With Zinc Oxide Nanoparticles In Conventional Glass-ionomer Cement (GIC) On Its Mechanical Properties (Compressive And Tensile Strength) : An In Vitro Study.
7.	Dr. Rajesh Kubde	Photospectrometric analysis of the microleakage of new restorative material (ACTIVA) as compared to nanofilled composite and light curing GIC - An in vitro study
8.	Dr. Rajesh Kubde	Preheating impact on the degree of conversion of single bottle adhesive system-an in vitro study
9.	Dr. Chetana S. Makade	Clinical evaluation of Cavity preparations with and without using Magnification Loupes by trained undergraduate students during their Clinical Postings - A teacher's Perspective
10.	Dr. Chetna Makade	Antimicrobial activity of herbal extract and oils against anaerobic endodontics pathogens: an in vitro study
11.	Dr. Pratima Shenoi	Comparative Analysis And Evaluation Of surface roughness of nanofilled and nanohybride composite after toothbrushing-mouthrines-cycling-An in vitro study
12.	Dr. Pratima Shenoi	Adhesive composite restorations - their esthetic value after regular tooth brushing
13.	Dr. Rajesh Kubde	Wettability of root canal sealers on intraradicular dentin treated with different irrigating solutions - an in vitro study
14.	Dr. Deepa D. Shori Dr. Pratima R. Shenoi	Effect of Commercially Available Mouthrines On The Microhardness of Various Esthetic Restorative Materials: An in vitro study
15.	Dr. Chetna Makade	A survey of Prevalence of Dental fluorosis and fluoride distribution in drinking water in rural population of Nagpur district
16.	Dr. Pratima Shenoi	Reattachment of fractured segment:effect of various storage media on its bond strength-an in-vitro study
17.	Dr. Ameya Paralikar	Stereomicroscopic evaluation of microleakage in Class V composite restorations using a new resin modified calcium silicate liner - an in vitro study

18.	Dr.AlhadGiradkar	Preheating impact on the degree of conversion of single bottle adhesive system-an in vitro study
19.	Dr.AlhadGiradkar	Photospectrometric analysis of the microleakage of new restorative material (ACTIVA) as compared to nanofilled composite and light curing GIC - An in vitro study
20.	Dr. Swati Wathore	Comparative Analysis And Evaluation of surface roughness of nanofilled and nanohybride composite after tooth brushing-mouthrines-cycling-An in vitro study
21.	Dr. Piyush Biyani	To evaluate and compare accuracy of Root ZX and Propex Pixi apex locator's with different apical constrictions: An in vitro study
22.	Dr. Piyush Biyani	To Evaluate And Compare The Effect Of Addition of Titanium Oxide Nanoparticles With Zinc Oxide Nanoparticles In Conventional Glass-ionomer Cement (GIC) On its Mechanical Properties (Compressive And Tensile Strength) An In Vitro Study.
23.	Dr. Disha Luniya	Comparative evaluation of shaping ability of Protaper Next, Hyflex CM and V taper 2H in curved canals using CBCT- An in vitro study
24.	Dr.AmeyaParalikar	Stereomicroscopic evaluation of microleakage in Class V composite restoration using a new resin modified calcium silicate liner - An in vitro study"

**DEPARTMENT OF PROSTHODONTICS**  
**VSPM DENTAL COLLEGE & RESEARCH CENTRE, NAGPUR**  
**COMPLETED RESEARCH PROJECTS 2015**

<b>Sr.no</b>	<b>Name of investigator</b>	<b>Title</b>
1.	Dr. Anita R. Kahar	“Evaluation of oral hygiene practices among dental students in VSPM Dental Institute, Nagpur .”
2.	Dr.Varunraj Jadhav	“Evaluation of various components affecting dento-facial esthetics in young Indian population – A cross-sectional study “
3.	Dr.Vaishnavi M. Naik	To fabricate a training appliance for edentulous parients for recording centric relation using the average distance between the centre on incisive papilla and the point where tongue touches the palate in centric relation position.
4.	Dr.Saee Deshpande	Evaluation of interprofessional Education in Dentistry Module for Medical Students.
5.	Dr. Dipti Lambade	Evaluation of attitudes of faculty towadsinteprofessional education.
6.	Dr.Saee Deshpande	Impact of Interprofessional Education on Attitudes of Healthcare Providers involved in Maxillofacial Rehabilitation: A Cross Sectional Study.
7.	Dr. Dipti Lambade	Evaluation of readiness of medical students for interprofessional education.
8.	Dr.Jaishree Chahande	A Survey of Prosthodontic Techniques: Attitude and Practices of Private Dental Practitioners.
9.	Dr.Jaishree Chahande	Evaluation of most common complaints and corrective measures of complete denture patients.
10.	Dr. Chetan B. Jakkulwar	Survey of Different Impression Materials & Techniques Used for making Impression
11.	Dr.Ishani P. Bindra	Survey of infection control practices amongst dental professionals in Nagpur region.
12.	Mast. Pranav Kurup IIIrd BDS	Evaluation of relationship of nutritional status and bone density with resorption of residual alveolar ridge in edentulous patients: A clinical study
13.	Miss. Neha Lalwani	Rural and urban dental health awareness, training and evaluation of primary school children, teachers and parents of central india
14.	Dr.Jaishree Chahande	Near Peer Learning Module: Perception of Dental Students
15.	Dr.Rajla\kshmi Banerjee	Effect on Masticatory efficiency, Nutritional status and Quality of Life in ElderlyEdentulous patients treated with Implant-supported Overdentures
16.	Dr. Neelam Pande	Analysis Of Dental Students Perceptions About Educational Environment In Prosthodontics
17.	Dr. Neelam Pande	Analysis of Dental Students Learning Preferences At VSPM Dental College
18.	Dr. Dipti Lambade	Assessing the reliability and validity of Hindi version of OHIP EDENT
19.	Dr. Nupur Shrirao	An Evaluation of stress Distribution in Mandibular molar Region Using Different implant Thread Designs- A Comparative 3D finite Element Analysis
20.	Minal Sonare IIIrd BDS	Assessment of Hygiene habits and attitudes among removable denture wearers-A cross sectional study
21.	Dr. Snehas Mehata	Screening of Oral Health Literacy and Awarness of Prosthetic treatment



		options available for missing tooth/teeth: A cross-sectional analysis
22.	Dr.Hiennaa Mahale	An investigation of occlusal wear in adult patients visiting dental institute of Nagpur city a cross sectional study
23.	Dr.Tazeen Raees	Evaluation of effect of Epigallocatechin-3 gallate (EGCG) on oral mucosa as a non-surgical pre prosthetic treatment modality in edentulous patients: An in vivo study
24.	Dr.Anagha Ravi Waghmare	Evaluate and compare the existence of recurring esthetic dental (red) proportion and golden proportion in natural dentition of vidharbha region
25.	Chinmaykumar Satpathy II BDS	Association of Periodontal disease and finger print A cross sectional randomised analytical study

**DEPARTMENT OF PEDODONTICS**  
**VSPM DENTAL COLLEGE & RESEARCH CENTRE, NAGPUR**  
**COMPLETED RESEARCH PROJECTS 2015**

<b>Sr.no</b>	<b>Name of investigator</b>	<b>Title</b>
1.	1) Surbhi Juneja 2) DhiranTalmale 3) Parmeshwar Sadgir	Knowledge, Attitude and practice regarding oral Health care Amongst Parents of Nagpur District
2.	1) Gopi Singhania 2) Gunjan Suradkar 3) Poonam Solanke	Knowledge and awareness of Parents regarding dental truma and its management in Children
3.	Dr.Anjali Deshpande	Knowledge and practices regarding oral health care amongst children of age group 8 – 12 years in Nagpur district
4.	Dr. Anjali Deshpande	Knowledge and awareness of parents regarding dental trauma and its management in children
5.	Amrita Tembhe, Akanksha Tiwari, VidishaTembhurkar	Knowledge and practices regarding oral health care amongst children of age group 8-12 years in Nagpur District.
6.	Dr. Kavita Hotwani	Evaluation of the impact of colors on child's anxiety and treatment preference for local anaesthesia injections
7.	Dr.PurvaChoudhari	Dental esthetics from children and their parent's perspective
8.	Dr. Sonam Gupta	Influence of different dental attires on child's anxiety during restorative dental procedures - a comparative clinical study
9.	Dr.MinalNiswade	The behavior modification methods, audio-visual modeling and positive reinforcement combined and their effect in pediatric dental operatory
10.	Dr. Kaushik N. Chandranee	Knowledge on emergency management of tooth avulsion in a population of students enrolled in health science programs of VSPM AHE in Nagpur
11.	Dr. Sonam Gupta	Prevalence of traumatic dental injuries in permanent dentition among school going children of Nagpur city - A Cross Sectional Study
12.	Dr. Sonam Gupta	Prevalence of molar incisor hypomineralisation in permanent teeth among 5-15 years children of Nagpur city - A Cross Sectional Study
13.	Dr. Kaushik N. Chandranee	Prevalence of Tranumatic Dental Injury among deciduous dentition Children of Nagpur- A Cross Sectional Study
14.	Dr. Kaushik N. Chandranee	Knowledge and Awareness about Traumatic Dental Injuries in school teachers of Nagpur
15.	Manraj Singh Sandhu BDS	Effect of Orthodontic Pain on Quality of Life of Patients Undergoing Orthodontics Treatment: A Clinical Survey
16.	Dr. Anjali Deshpande	Effect of Common Yoga Protocol on Emotional Health and General Wellbeing of Undergraduate Dental Students
17.	Dr.MinalNiswade	Awareness and Knowledge of Early Childhood Caries among Teachers of Nagpur city
18.	Dr.MinalNiswade	Prevalence of early childhood caries in children of Nagpur city

**DEPARTMENT OF COMMUNITY DENTISTRY  
VSPM DENTAL COLLEGE & RESEARCH CENTRE, NAGPUR  
COMPLETED RESEARCH PROJECTS 2015**

<b>Sr.no</b>	<b>Name of investigator</b>	<b>Title</b>
1.	Dr. Sushil B. Naik	Assessment of Dental Phobia