

**Department of Oral and Maxillofacial Surgery**  
**VSPM Dental College and Research Centre, Nagpur**  
**List of Completed Research Projects**  
**2018-2019**

<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. Nikhil Moriwal	Comparative evaluation between different timings of removal of neck drain and its sequelae following head & neck surgery of OSCC.	7/8/2017 VSPM/DCRC/IEC/ 36/2017
2.	Dr. Shoeb Ansari	Evaluation of Orabite mouth opening physiotherapy device in treatment of patient with trismus.	7/8/2017 VSPM/DCRC/IEC/ 39/2017
3.	Dr. Satish Kharde	Evaluation of effect of topical antimicrobial paste on healing after extraction of teeth – a split mouth study.	7/8/2017 VSPM/DCRC/IEC/ 40/2017
4.	Dr. Jasmin Tamboli	Effect of topical tramadol on post operative pain after mandibular molar extraction: A randomized prospective double blind study.	7/8/2017 VSPM/DCRC/IEC/ 41/2017

**Department of Periodontics and Implantology**  
**VSPM Dental College and Research Centre, Nagpur**  
**List of Completed Research Projects**  
**2018-2019**

<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	Assessment of buccal and lingual bone thickness of maxillary and mandibular posterior region at dentate site: A CBCT study	24/02/2018 IEC/VSPMDCRC/09/2018
2.	Dr. Abhay Kolte	Association of the gingival and zenith positions display in maxillary anterior and premolar region with gingival and interdental smile line: a gender based evaluation.	27/12/2018 IEC/VSPMDCRC/77/2018
3.	Dr. Rajashri Kolte	Influence of facial index, facial profile, lip size and angulation of teeth on gingival characteristics of anterior teeth	24/02/2018 IEC/VSPMDCRC/08/2018
4.	Dr. Rajashri Kolte	Association of the gingival line angle with the gingival and interdental smile line- a gender based evaluation	24/08/2018 IEC/VSPMDCRC/34/2018
5.	Dr. Surekha Rathod	A study to assess the impact of a group intervention (VIHASA) on mental well being of dental interns.	05/06/2018 IEC/VSPMDCRC/16/2017
6.	Dr. Surekha Rathod	Development and effectiveness of basic surgical skill module for interns	05/06/2018 IEC/VSPMDCRC/10/2017
7.	Dr. Surekha Rathod	Evaluation and comparison of the efficacy of locally delivered	10/01/2018

		Dashansanskar gel and 8-hdg levels in GCF in subjects with the chronic periodontitis.	IEC/VSPMDCRC/10/2018
8.	Dr. Surekha Rathod	Assessment of bone resorption distal to mandibular second molar adjacent to third molar- A radiographic study	17/07/2018 IEC/VSPMDCRC/ 032/2020
9.	Dr. Priyanka Rahate	Evaluation of Stress, Serum and Salivary Ghrelin and Cortisol Levels in Smokers and Non-smokers with Stage III Periodontitis	20/10/2018 IEC/VSPMDCRC/07/2018
10.	Dr. Noopur Gonde	Comparative Evaluation of 1% melatonin gel as an Adjunct to Non-Surgical Periodontal Therapy in Stage III Periodontitis: A CBCT study	20/10/2018 IEC/VSPMDCRC/08/2018
11.	Dr. Renuka Swami	Comparative Evaluation of 1% Metformin (MF) gel plus Platelet Rich Fibrin and Platelet Rich Fibrin (PRF) alone in Treatment of Class II Furcation Defects: A Clinico-radiographic Study.	20/10/2018 IEC/VSPMDCRC/05/2018
12.	Janhvi Bhoyar	Knowledge and awareness of career options after BDS among dental students	08/12/2018 IEC/VSPMDCRC/82/2018
13.	Dr. Apurva Bidwaikar	to study and evaluate the variations in frenal attachment and morphology in diverse population: A clinical study	08/12/2018 IEC/VSPMDCRC/82/2018

**Department of Conservative Dentistry and Endodontics**  
**VSPM Dental College and Research Centre, Nagpur**  
**List of Completed Research Projects**  
**2018-2019**

<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. Snehal Sonarkar	A Survey to analyze the use of composite restoration in dental practice	IEC/VSPMDCRC/34/2019 19-03-2019
2.	Dr. Neha Mundhada	A finite element analysis and comparison of bending properly and torsional resistance of protaper gold and protaper next files -An invitro study	IEC/VSPMDCRC/12/2018 05-02-2019
3.	Dr. Mohit Gunwal	Perception of dental practitioner towards natural tooth fragment reattachment procedure in their clinical practice – cross sectional survey study.	IEC/VSPMDCRC/60/2019 16-04-2019
4.	Dr. Mohit Gunwal	Comparative evaluation of tensile strength of gutta percha cones after chairside disinfection using different herbal extracts – in vitro study	IEC/VSPMDCRC/60/2019 16-04-2019
5.	Dr. Mohit Gunwal	Effect of different sterilization method on fracture strength of human maxillary premolar used for various invitro research	IEC/VSPMDCRC/59/2019 16-04-2019
6.	Dr. Sachin Bengal	Comparative evaluation of surface roughness and microhardness of bulk fill composite resin after exposure to three different beverages	IEC/VSPMDCRC/09/2018 16/10/2018
7.	Dr. Avisha Agrawal	Comparison of fracture resistance	IEC/VSPMDCRC/ 10 /2018

		of teeth restored with four different post systems and study of of its photoelastic stress analysis: an in vitro study	16/10/2018
8.	Dr. Shriya P. 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	IEC/VSPMDCRC/11/2018 16/10/2018
9.	Dr. 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.	IEC/VSPMDCRC/10/2018 16/10/2018
10.	Dr. Aishwarya Akotkar	Effect of different dentin desensitizers and diodelaser on the bond strength of selfetch adhesive to dentine:An In vitro study	IEC/VSPMDCRC/ 16 /2019 15/02/2019
11.	Dr. Neha Mundhada	A finite element analysis and comparison of bending property and torsional resistance of protaper gold and hyflex CM files -An invitro study	IEC/VSPMDCRC/10/2019 15/02/2019
12.	Dr. Sayanti Ghosh	Assessment of endodontic retreatment cases among endodontists in Central India	IEC/VSPMDCRC/31/2019 19/03/2019
13.	Dr. Sachin Bengal	Comparative evaluation of surface roughness and microhardness of Bulk-fill composite placed in artificial saliva at Three different P.H	IEC/VSPMDCRC/41/2019 19/03/2019
14.	Dr. Himani Thawale	Comparing marginal microleakage in class v cavities restored with	IEC/VSPMDCRC/42/2019 19/03/2019

		flowable composite and cention Microscope – an invitro study.	
15.	Dr. Avisha Agrawal	effectiveness of two different methods of activation of sodium hypochlorite on its dentinal penetration at two different temper ature a confocal laser scanning electron microscopy study	IEC/VSPMDCRC/43/2019 19/03/2019
16.	Miss. Aishwarya Duble	Evaluation of perception, attitude and practice of young adults towards toothbrush – its maintenance and replacement in Nagpur city – a cross sectional study	IEC/VSPMDCRC/38/2018 11-09-2018
17.	Miss. Apoorva V. Salve	To assess the knowledge and awareness regarding management of avulsed tooth in school	IEC/VSPMDCRC/54/2018 04-12-2018
18.	Dr. Swayangprabha Sarangi	Awareness regarding root canal treatment amongst patient visiting dental OPD – a cross sectional study	21-12-2018 IEC/VSPMDCRC/ 71 /2018

**Department of Oral Pathology and Microbiology**  
**VSPM Dental College and Research Centre, Nagpur**  
**List of Completed Research Projects**  
**2018-2019**

<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. Aayushi Pakhale	A Morphological Evaluation Of Tongue As An Identification Tool In Forensic Odontology: A Single Blinded Study.	IEC/VSPMDCRC/31/18 17/7/18
2.	Dr. Rakshata Sorte	To evaluate the prevalence of Areca nut & Tobacco habits among Housemaids in Nagpur city – A cross sectional study in Central India	IEC/VSPMDCRC/33/18 17/7/18
3.	Dr. Aayushi Pakhale	Assessment of sexual behavior of male tobacco chewers: A survey in Nagpur region.	IEC/VSPMDCRC/44/18 14/9/18
4.	Dr. Geeta Karyakarte	Assessment of knowledge and attitude about forensic odontology among undergraduate dental students in Central India : A cross sectional survey	IEC/VSPMDCRC/32/18 17/7/18
5.	Akansha Mukhwane	Assessment of Habit of self medication among non teaching staff of private dental Institute	IEC/VSPMDCRC/06/2019 22/1/2019

**Department of Pediatric and Preventive Dentistry**  
**VSPM Dental College and Research Centre, Nagpur**  
**List of Completed Research Projects**  
**2018-2019**

<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. Shrawani Mankar	Comparison of pain on injection and onset of anaesthesia of 2% buffered lidocaine (with 1:2,00,000 adrenaline) and 2% non- buffered lidocaine (with 1:2,00,000 adrenaline) in inferior alveolar nerve block for primary molars- a randomized double blind study	20/10/2018 IEC/VSPMDCRC/20 /2018
2	Dr. Harsha Sawant	Comparative evaluation of the anti-microbial efficacy of aqueous ozone and sodium hypochlorite as root canal irrigant in non-vital primary teeth.- A randomized controlled study	18/10/2018 IEC/VSPMDCRC/19 /2018
3.	Dr. Sakshi Bisen	comparison of the effectiveness of 25% silver nitrate followed by 5% sodium fluoride varnish with 38% silver diamine fluoride in arresting caries in children- a randomized control study	20/10/2018 IEC/VSPMDCRC/21 /2018
4.	Dr. Nutan Pustode	Knowledge, attitude and practice of pediatric dentist towards providing oral health care towards patients with special health care needs in India- questionnaire based survey	25/8/2018 IEC/VSPMDCRC/35 /2018
5.	Dr. Gauri Juare	Comparison of chewable, powered and manual toothbrush for plaque removal efficacy in 4-6 years old children: a cross- over study	15/9/2018 IEC/VSPMDCRC/43 /2018
6.	Dr. Pooja Rathi	Use of local anaesthesia by paediatric dentists in India: Cross sectional Questionnaire based Survey	19/7/2018 IEC/VSPMDCRC/34 /2018



7.	Dr. Sakshi Bisen	Comparison of quality of obturation using single system and conventional rotary system in primary teeth: A randomized controlled study	3/1/2019 VSPM/DCRC/STRG /1406/2019
8.	Rewa Kawade	Parent's perception on the importance of first dental visit : A cross sectional questionnaire based survey	04-12-18 IEC/VSPMDCRC/ 63 /2018

**Department of Prosthodontics and Maxillofacial Prosthesis**  
**VSPM Dental College and Research Centre, Nagpur**  
**List of Completed Research Projects**  
**2018-2019**

<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 Chahande	An Assessment Of Empathy Levels Among Undergraduate And Postgraduate Dental Students With Clinical Exposure	22/07/2019 IEC/VSPMDCRC/55 /2019
2	Dr. Priya Gupta	Evaluating the validity of golden proportion and golden percentage in young adults-a cross sectional study	4/12/2018 IEC/VSPMDCRC/30 /2019
3.	Dr. Priyanka Masram	“Knowledge, Attitude and Behavior among Dental Students of Dental Institute towards Hepatitis B Infection- A Cross Sectional study”	5/12/2018 IEC/VSPMDCRC/64 /2018
4.	Dr. Meenal S. Pande	“ Evaluation of depression amongst geriatrics and assessment of related factors”	7/12/2018 IEC/VSPMDCRC/61 /2018
5.	Dr. Gargee M. Muley	Denture care and maintenance among patients visiting VSPMDCRC	4/12/2018 IEC/VSPMDCRC/62 /2018
6.	Dr. Jaishree Chahande	Personal SWOT analysis of undergraduate students: A tool for successful career	4/12/2018 IEC/VSPMDCRC/60 /2018
7.	Dr. Ashwini K. Pardhi	To Evaluate the Emotional Intelligence among Dental Under graduates	7/12/2018 IEC/VSPMDCRC/64 /2018
8.	Dr. Sanjeevani N. Kamdi	Knowledge, Attitude and Practice regarding medical emergencies and their management among dental practitioners in Nagpur region.A cross sectional study.	4/12/2018 IEC/VSPMDCRC/69 //2018

9.	Dr. Bela Khobragade	Evaluation of oral hygiene, awareness and practice among dental students	23/08/2018 IEC/VSPMDCRC/67/2018
10.	Miss. Sanjana Agrawal	Assessment of myths regarding oral health and dental treatments among patients visiting to dental institute in Nagpur city	4/12/2018 IEC/VSPMDCRC/36/2018
11.	Miss. Kshitija V. Dhoke	Assessment of knowledge, attitude, awareness & practice regarding organ donation among dental students	18/01/2019 IEC/VSPMDCRC/52/2018
12.	Miss. Apoorva N. Dhopte	Attitude towards replacement of missing teeth among patients visiting to private dental institute of Nagpur city	21/12/2018 IEC/VSPMDCRC/04/2019
13.	Miss. Sanjana Agrawal	Attitude of urban school children towards their dental appearance: a pilot study	3/01/2019 IEC/VSPMDCRC/70/2018
15.	Karan Jaiswal	Knowledge , attitude and practice regarding provisional restoration amongst dentist	16/04/2019 IEC/VSPMDCRC/55/2018
16.	Miss. Esha Jaiswal	Evaluation of prevalence and severity of Temporomandibular disorders and its associated factors amongst young adult population	3/1/2019 IEC/VSPMDCRC/50/2019
17.	Miss. Bhavika Keswani	Implant practice profiles of dental professionals: A cross sectional survey.	04/12/2018 IEC/VSPMDCRC/12/2019
18.	Dr. Ankita Kale	Dental patient's awareness regarding dental implants as an treatments option in replacing missing teeth	04/12/2018 IEC/VSPMDCRC/66/2018
19.	Dr. Ashlesha A. Mehar	Assessment Of Undergraduate and Post graduate dental students knowledge regarding dental	04/12/2018 IEC/VSPMDCRC/68/2018

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**Department of Oral Medicine and Radiology**  
**VSPM Dental College and Research Centre, Nagpur**  
**List of Completed Research Projects**  
**2018-2019**

<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. Apeksha Dhole (Balpande)	Assessment using of the undergraduates learning skills after simulation-based in oral radiology using DOPS method	IEC/VSPMDCRC/45 /2018 11/09/2018
2	Dr. Apeksha Dhole (Balpande)	A Comparative Evaluation of periodic intervention of School based Areca nut and tobacco awareness and counselling module among middle school Students	DMIMS(DU)/IEC/20 17-18/7081 Date: 09/02/2018
3.	Dr. Shruti Talmale	Knowledge , attitudes and practice amongst dentist and obstetricians regarding prenatal care: questionnaire survey	IEC/VSPMDCRC/42 /2018 11/09/2018
4.	Dr. Adeeba Siddique	Assessment of digital intraoral periapical radiograph for detection of apical root resorption in inflammatory periapical pathologies – A radiovisiography study.	IEC/VSPMDCRC/25 /2018 20/10/2018
5.	Dr. Shreya C. Kohale	Evaluation of effect of smartphone overuse on cervicofacial muscles and cervical spine	IEC/VSPMDCRC/24 /2018 17/10/2018
6.	Miss. Bhuvaneshwari Bhalme	Knowledge & Attitude towards dental insurance among patients: A cross-sectional study	IEC/VSPMDCRC/40 /2018 11/09/2018

7.	Mr. Hrushikesh Malikar	Habit analysis of Individuals with Smoker's palate in Nagpur	IEC/VSPMDCRC/39 /2018 11/09/2018
8.	Aditi Sharma	Evaluation of knowledge and belief regarding tobacco consumption among the non teaching staff members working in 4 health institutes in Hingna.	IEC/VSPMDCRC/41 /2018 11/09/2018

**Department of Orthodontics**  
**VSPM Dental College and Research Centre, Nagpur**  
**List of Completed Research Projects**  
**2018-2019**

<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. 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	IEC/VSPMDCRC/ 16/2018  20/10/2018
2	Dr. Shwetal B. Jadhav	Perception of retention protocol after Orthodontic treatment amongst Orthodontists and Orthodontic post graduate students- A questionnaire study.	IEC/VSPMDCRC/ 37/2019  18/02/2019
3.	Dr. Shwetal B. Jadhav	Assessment of relationship of the lingual frenum to the mandibular inter canine line.	IEC/VSPMDCRC/ 70/2019  28/12/2019
4.	Dr. Akash Kudmathe	Comparative assessment of orthopantomogram and lateral cephalogram for linear and angular measurement of mandible in skeletal class 1 and class 2 cases in different growth pattern - a digitized study	IEC/VSPMDCRC/ 18/2018  20/10/2018
5.	Dr. Akash Kudmathe	Evaluation of methods of sterilization in Orthodontic practice- A questionnaire study.	IEC/VSPMDCRC/ 39/2019  18/02/2019
6.	Dr. Devyani Sangai	Evaluation of Mandibular Morphology in Skeletal Class II malocclusion with different facial Patterns -Software Study	IEC/VSPMDCRC/ 17/2018  20/10/2018

7.	Dr. Devyani Sangai	Effect of third molar impaction on mandibular arch crowding in Skeletal Class I patients with different growth patterns	IEC/VSPMDCRC/ 69/2019  28/12/2019
8.	Dr. Devyani Sangai	Perception of Orthodontist on distalization over extraction in borderline cases- A questionnaire study	IEC/VSPMDCRC/ 38/2019  18/02/2019
9.	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	IEC/VSPMDCRC/ 24/2017  05/06/2018
10.	Dr. Nivedita Nandeshwar	Comparative evaluation of Collum angle of maxillary central incisor in patients with Angle's Class I, Class II division 1 and Class II division 2 malocclusions- A cephalometric study	IEC/VSPMDCRC/ 03/2018  24/02/2018
11.	Dr. Nitesh Mahaton	Assessment of knowledge on use of Research Methodology among Central India Orthodontics Post graduate students	IEC/VSPMDCRC/ 28/2018  05/06/2018
12.	Dr. Nitesh Mahaton	Evaluation of anteroposterior relationship of maxillary central incisors to a soft tissue plane in Central India population- A photographic study	IEC/VSPMDCRC/ 01/2018  24/02/2018
13.	Dr. Anjali Khekade	Relationship between arch width and vertical facial morphology in untreated adults of Nagpur population	IEC/VSPMDCRC/ 02/2018  24/02/2018