

# Ongoing Research Projects

2019

DEPARTMENT OF ORAL & MAXILLOFACIAL SURGERY							
Sr. No	Name of the Department	Principal Researcher	Co-Researcher	Title of Research	Date of Starting	Estimated Date of Completion	Research Committee
							Status
1	Oral Surgery THESIS	Dr. Pravin Andhare	Dr. Rahul Lature	To evaluate the efficacy of liquid nitrogen cryotherapy for the treatment of benign oral soft tissue lesions- a prospective study	15/10/2019	15/10/2021	Ongoing
2	Oral Surgery THESIS	Dr. Subhashan Bhale	Dr. Amol Doiphode	Comparative evaluation of Colorado microdissection needle & stainless steel scalpel for incision in bilateral mandibular impacted 3rd molars- A split mouth study.	15/10/2019	15/10/2021	Ongoing
3	Oral Surgery THESIS	Dr. Anand Mandlecha	Dr. Sheeraz Badal	Evaluation of intraoral 0.2% chlorhexidine gel in reducing the incidence of alveolar osteitis after transalveolaretraction of mandibular 1st or 2nd molars.	15/10/2019	15/10/2021	Ongoing
4	Oral Surgery THESIS	Dr. Ashutosh Dod	Dr. Rahul Lature	Comparative evaluation of physics forceps and conventional forceps in orthodontic extraction- A split mouth study.	15/10/2018	20/10/2020	Ongoing
5	Oral Surgery THESIS	Dr. Tushar Kale	Dr. Rahul Lature	To evaluate the incidence, management and postoperative complications of odontogenic cysts at our centre - a prospective study	15/10/2018	20/10/2020	Ongoing
6	Oral Surgery THESIS	Dr. Sanjeev Sharma	Dr. Sheeraz Badal	A Comparative study of diclofinac transdermal patch against oral diclofinac for pain control following removal of mandibular impacted third molars.	15/10/2018	20/10/2020	Ongoing

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DEPARTMENT OF ORTHODONTICS							
7	Orthodontics THESIS	Dr. Mahesh S. choure	Dr. Suresh Kangane	Establishment of norms &evaluting the reliability of Pont's, Bolton's Ashley howe's& Nance Carey's indices in adult regional population.	15/10/2019	20/10/2021	Ongoing
8	Orthodontics THESIS	Dr. Smita Warpe	Dr. AnandAmbekar	Establishment of norms for yen angle, W angle & Beta angle in regional population & to evaluate its reliability among various malocclusion - A Cephalometric study.	15/10/2019	20/10/2021	Ongoing
9	Orthodontics THESIS	Dr. Shruti Chandak	Dr. Pravin kumar Marure	Comprative evaluation of microleakage between self etching primer & conventional acid etching system under metal & ceromicbracket. A stereomicroscopic study.	15/10/2019	20/10/2021	Ongoing
10	Orthodontics THESIS	Dr. Pavan kumar Singh	Dr. Anand Ambekar	Comparative evaluation of tongue & lip pressure on maxillary incisors using pressure sensor device - An in vivo study.	15/10/2018	20/10/2020	Ongoing
11	Orthodontics THESIS	Dr. Vaibhav Ambashikar	Dr. Suresh Kangane	Assessment of skeletal maturity using CVMI,SMI and Mandibular canine calcification and their correlation with biomechanical marker salivary alkaline phosphatase for the prediction of remaining growth-An EX-VIVO Study.	15/10/2018	20/10/2020	Ongoing
12	Orthodontics THESIS	Dr. Sayali Dusane	Dr. Pravinkumar Marure	Correlation Of photographic soft tissue measurement with cephalometric measurement in patient with different facial profile.	15/10/2018	20/10/2020	Ongoing
DEPARTMENT OF PROSTHODONTICS							
13	Prosthodontics THESIS	Dr. Madhavi Galale	Dr. Ajit Jankar	Comparative evaluation of marginal accuracy of different provisional	15/10/2019	15/10/2021	Ongoing



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				restorative materials fabricated by direct technique: An in vitro study.			
14	Prosthodontics THESIS	Dr. Yogita Mundada	Dr. Susesan Gajre	Comparative evaluation of flexural strength of heat polymerized acrylic resin repaired with different reinforcing materials: An in vitro study.	15/10/2019	15/10/2021	Ongoing
15	Prosthodontics THESIS	Dr .Pratiksha Somwanshi	Dr. Suresh kamble	Evaluation of shear bond strength of acrylic denture teeth to heat polymerized denture base resin after different surface treatments on the bonding surface of acrylic denture teeth: An in vitro study.	15/10/2019	15/10/2021	Ongoing
16	Prosthodontics THESIS	Dr. Suraj Sonwane	Dr. Ajit Jankar	Comparative evaluation of stress distribution in peri-implant bone of edentulous mandible having different framework materials in all on four implant supported prosthesis- a three dimensional finite element analysis	15/10/2018	20/10/2020	Ongoing
17	Prosthodontics THESIS	Dr. Dipali Patane	Dr. Ajit Jankar	Comparative evaluation of sagittal condylar guidance determined by protrusive interocclusal record with lateral cephalogram and panoramic radiographs in dentate patients: A clinico-radiographic study	15/10/2018	20/10/2020	Ongoing
18	Prosthodontics THESIS	Dr. Vidhya vaybase	Dr. Suresh kamble	A photometric evaluation of incisive papilla to central incisors and canine with respect to maxillary arch form as a guide for anterior teeth arrangement	15/10/2018	20/10/2020	Ongoing
<b>DEPARTMENT OF CONSERVATIVE &amp; ENDODONTICS</b>							
19	Cons and Endo THESIS	Dr. Nayan Chavan	Dr Anita Kale	Comparative evaluation of apical crack formation after retreatment using hand files and four different rotary instruments : An in vitro study	15/10/2019	20/11/2021	Ongoing

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20	Cons and Endo THESIS	Dr .Damini Patil	Dr. Ramchandra Kabir	Anatomical assessment of middle mesial canal and middle distal canal in mandibular molars using ultrasonics and dental operating microscopes - An Ex Vivo study	15/10/2019	21/11/2021	Ongoing
21	Cons and Endo THESIS	Dr Anuja Dhumal	Dr. Sunanda Gaddalay	Effect Of four different fluoride releasing restorative material on root dentin microhardness after exposure to demineralisation and remineralizingcycles : an in vitro study	15/10/2019	23/11/2021	Ongoing
22	Cons and Endo THESIS	Dr Sandip Bambale	Dr Ramchandra Kabir	Effect of different antioxidants on shear bond strength of composite resin to enamel after bleaching - An In Vitro study	10/10/2018	20/11/2020	Ongoing
23	Cons and Endo THESIS	Dr Revtee Birajdar	Dr Sunanda Gaddalay	A comparative evaluation of torsional load, bending stresses and forces generated by three different reciprocating file systems in root canal procedure- A finite element analysis	10/10/2018	20/11/2020	Ongoing
24	Cons and Endo THESIS	Dr Ruchi Rathi	Dr. Anita Kale	Comparative evaluation of effect of instrument taper on the fracture resistance of endodontically treated teeth using two reinforcing sealers - An In-Vitro study	10/10/2018	20/11/2020	Ongoing
<b>DEPARTMENT OF PERIODONTICS</b>							
25	Periodontics THESIS	Dr. Priyanka Jadhav	Dr. Vishnudas Bhandari	Evaluation of plasma fibrinogen and serum albumin in periodontitis patients before and one month after nonsurgical periodontal therapy- A clinico biochemical study	18/11/2019	16/11/2021	Ongoing
26	Periodontics THESIS	Dr KhushbuBez alwar	Dr Omkumar Baghele	Formation and stability of mucogingival junction on teeth without clinically detectable mucogingival junction secondary to vestibular extension procedure done for multiple adjacent teeth- A clinical study	18/11/2019	16/11/2021	Ongoing



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27	Periodontics THESIS	Dr. Rohini Male	Dr. Gauri Ugale	A clinical and radiographic evaluation of open flap debridement followed by intramarrow penetration with and without platelet rich fibrin in treatment of intrabony defects in periodontitis patients: A randomized clinical trial.	18/11/2019	16/11/2021	Ongoing
28	Periodontics THESIS	Dr. Madhura Vairagi	Dr. Vishnudas Bhandari	Evaluation of severity of periodontal inflamed surface area and its correlation to serum alkaline phosphatase and serum acid phosphatase levels- A cross-sectional, clinical and biochemical study.	04/07/2019	02/07/2020	Ongoing
29	Periodontics THESIS	Dr. Kanishka Magdum	Dr. Gauri Ugale	Evaluation of bacterial count in saliva before and after scaling and root planing versus full mouth disinfection in periodontitis patients- a clinical and microbiological study	04/07/2019	02/07/2020	Ongoing
30	Periodontics THESIS	Dr. Shrirang Shamsundar Sangle	Dr. Om Baghele	Evaluation of postoperative stability of repositioned mucogingival junction secondary to apically repositioned flap for crown lengthening procedure: A clinical study	04/07/2019	02/07/2020	Ongoing
<b>DEPARTMENT OF PEDODONTICS</b>							
31	Pedodontics THESIS	Dr. Shruti Bhamare	Dr. Dahake Prasanna	Effect of herbal extract of spilanthescmella & cinnamon oil E. faecalis biofilm formation : an in vitro study	20/09/2019	30/11/2021	Ongoing
32	Pedodontics THESIS	Dr. Nikita Chordiya	Dr. Dadpe Mahesh	Comparative evaluation of different storage media on hardness & fracture resistance of reattached tooth fragment : an in vitro study	20/09/2019	30/11/2021	Ongoing
33	Pedodontics THESIS	Dr. Swapnil Yadav	Dr. Kale Yogesh	Comparative evaluation of different prebiotics enhanced probiotic on growth of streptococcus mutans : an in vitro study	20/09/2019	30/11/2021	Ongoing

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34	Pedodontics THESIS	Dr. Sujata Dongre	Dr. Dadpe Mahesh	Comparative evaluation of the antibacterial efficacy of Zirconomer improved cement, KetacTM universal glass ionomer cement and miracle mix by modified direct contact test: An in vitro study	16/10/2018	30/12/2020	Ongoing
35	Pedodontics THESIS	Dr. Sphurti Joshi	Dr. DahakePrasanna	Evaluation of in vivo biocompatibility of zinc oxide eugenol, zinc oxide ajawain and zinc oxide ajawainEugenol as root canal obturating material through subcutaneous tissue implants in rats.	16/10/2018	30/12/2020	Ongoing
36	Pedodontics THESIS	Dr. Sagar Misal	Dr. Kale Yogesh	Comparative evaluation of microleakage of zinc oxide eugenol and endoflas as obturating materials using different root canal irrigants in primary teeth: An in vitro Study	16/10/2018	30/12/2020	Ongoing
37	Pedodontics	Dr. Shruti Bhamare	Dr. Dahake Prasanna	Effect of combination of various biomimetic materials on stem cells exfoliated from human deciduous teeth (SHED).	20/11/2019	22/11/2021	Ongoing
38	Pedodontics	Dr. Swapnil Yadav	Dr. Kale Yogesh	Comparative evaluation of cell proliferation and regeneration potential of propolis and biodentine on SHED.	20/11/2019	22/11/2021	Ongoing
39	Pedodontics	Dr. Nikita Chordiya	Dr. Dadpe Mahesh	Association of hemoglobin level with early childhood caries.	20/11/2019	22/11/2021	Ongoing

  
Principal  
M. I. D. S. R. Dental College,  
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Chairman  
Research Committee  
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