

**MAEER'S PUNE**  
**MAHARASHTRA INSTITUTE OF DENTAL SCIENCES & RESEARCH, LATUR**

**TITLES REGISTERED YEAR: 2024**

SSr. No	Name of the Department	Principal Researcher	Co-Researcher	Title of Research	Date of starting	Estimated Date of completion	Research committee			Purpose of the study
							Date of submission	Status	Date of approval	Thesis /PHD/ Research& Publication
1	Orthodontics and dentofacial orthopedics	Dr Riya Gala	Dr Anand Ambekar	Efficacy of probiotic lozenges and probiotic toothpaste on reduction of salivary Streptococcus mutans levels in patients undergoing orthodontic treatment: A Randomized Clinical Trial.	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis
2.	Orthodontics and dentofacial orthopedics	Dr Sumit Honrao	Dr Suresh Kangane	A comparative evaluation of white spot lesions on application of non fluoride resin sealant, fluoride resin sealant and varnish during fixed orthodontic treatment : A randomized clinical trial.	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis
3.	Orthodontics and dentofacial orthopedics	Dr Disha Khandade	Dr Yatishkumar Joshi	Assessing the Influence of Pre-Grafting Orthodontic Modalities on Alveolar Bone Graft Outcomes in Unilateral Cleft Lip and Palate Patients: A Cone-Beam Computed	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis

				Tomography Study						
4.	Orthodontics and dentofacial orthopedics	Dr Kirti Sonwane	Dr Pravinkumar Marure	Assessing the effect of denosumab on anchorage control – a split-mouth randomized control trial	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis
5.	Orthodontics and dentofacial orthopedics	Dr Gajanan Waghmode	Dr Anand Ambekar	Comparison of shear bond strength of orthodontic primer incorporating nanohydroxyapatite and silica doped nanoparticles: In-Vitro study.	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis
6.	Conservative Dentistry	Dr Gitanjali Dahire	Dr Anita Kale	A comparative evaluation of effect of five different desensitizing toothpastes on dentinal tubule occlusion : a scanning electron microscopic study	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis
7.	Conservative Dentistry	Dr Shubham Gundre	Dr Ramchandra Kabir	A comparative evaluation of effect of two different nanoparticles addition on the compressive strength of conventional glass ionomer cement after an erosive challenge: an in-vitro study.	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis
8	Conservative Dentistry	Dr Rutuja Kalantri	Dr Ramchandra Kabir	A comparative evaluation of flexural strength of two different single shade universal resin composites	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis

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				after accelerated ageing: an in vitro study						
9	Conservative Dentistry	Dr Suraj Malu	Dr Anita Kale	An in vitro comparison of influence of different vehicles on calcium ion release and ph value of calcium hydroxide based intracanal medicaments at different time intervals	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis
10	Conservative Dentistry	Dr Anuradha Sagane	Dr Amol Badgire	A Comparative evaluation of effect of in-office bleaching on surface roughness and surface micro hardness of three different nano composite resins: An in vitro study	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis
11	Oral & Maxillofacial Surgery	Dr Jhanavee Hote	Dr Rahul Lature	Evaluation of pain, jaw movements and masticatory efficiency in management of patients with internal derangement of temporo-mandibular joint using combination of arthrocentesis and intra-articular injection of platelet rich plasma versus arthrocentesis and intra-articular injection of methylprednisolone over a	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis



				period of 6 months: a comparative invivo study.						
12	Oral & Maxillofacial Surgery	Dr Shreyas Dungarwal	Dr Sheeraz Badal	Evaluation of efficacy and safety of 30 % salicylic acid peel versus 45 % mandelic acid peel in mild-to-moderate acne vulgaris over a period Of 4 months : a comparative split face study	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis
13	Oral & Maxillofacial Surgery	Dr Rushikesh Yadav	Dr Govind Changule	A comparative evaluation of rotational stamping and criss cross technique of microneedling radiofrequency for acne scar reduction : a split face study in adult patients over four months	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis
14	Oral & Maxillofacial Surgery	Dr Ajay Wadhwani	Dr Amol Doiphode	Evaluation of duration of surgery, postoperative pain, trismus & incidence of dry socket in surgical extraction of impacted mandibular third molar using Piezoelectric surgery unit versus conventional rotary instrument over a Period of week : a split mouth study	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis
15	Oral & Maxillofacial Surgery	Dr Anjali Vashisht	Dr Amol Doiphode	Assessment of post-operative complications following surgical removal	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis

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				of impacted mandibular third molar by using envelop flap versus modified ward flap versus triangular flap over a period of one month: a comparative in vivo study						
16	Pediatric Dentistry	Dr Manasi Bhakkad	Dr Yogesh Kale	Comparative evaluation of calcium hydroxide, light cure gic and biodentine as indirect pulp capping agent in primary molars : A randomised controlled trial	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis
17	Pediatric Dentistry	Dr Vaidehi Domale	Dr Mahesh Dadape	Clinical and radiographic evaluation of Conventional GIC, Flowable Resin Reinforced GIC and Self-adhesive fluoride releasing composite Restoration in Primary Molars: A Comparative Randomized Clinical Trial	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis
18	Pediatric Dentistry	Dr Shraddha Kasture	Dr Yogesh Kale	Comparative evaluation of effect of peps and jellow app on streptococcus mutans count and oral hygiene status in children with autistic spectrum	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis

				disorder: a randomized controlled trial						
19	Pediatric Dentistry	Dr Shreya Puri	Dr Mahesh Dadape	Clinical and Radiographical Evaluation of Endoflas and Endoflas with Neem Gel as Obturating Material in Primary Molars: Split Mouth Randomized Controlled Trial	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis
20	Pediatric Dentistry	Dr Balaji Gawade	Dr Prasanna Dahake	Comparative evaluation of cocoa bean husk, pomegranate extract and chlorhexidine mouth washes to reduce salivary streptococcus mutans and streptococcus salivarius count and it's clinical efficacy to reduce dental plaque formation in children between age 8-10 yrs:in-vitro and clinical study	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis
21	Periodontics	Dr Geeta Bhutada	Dr Vishnudas Bhandari	Six month evaluation of peri-implant tissues with and without application of 1% metformin gel on dental implant surface and in osteotomy site during implantation: a randomized clinical controlled trial	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis
22	Periodontics	Dr Mahima Hariyana	Dr Om Baghele	A 6 month follow up evaluation of peri-implant	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis



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				tissues with and without application of enamel matrix derivative on dental implant surface during implantation: A randomized clinical controlled trial						
23	Periodontics	Dr Snehal Jadhav	Dr Raghvendra Metri	Comparative evaluation of effect of photodynamic therapy and photoablation as an adjunct to open flap debridement in periodontitis patients- a double blinded randomized controlled trial	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis
24	Prosthodontics	Dr Monika Bageshwar	Dr Bhushan Bangar	Comparative evaluation of the marginal fit of zirconia crowns fabricated using three different intraoral scanners – an in vitro study	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis
25	Prosthodontics	Dr Yogeshwari Bhise	Dr Shital Wagh	Comparative evaluation of stress distribution in peri-implant bone of edentulous maxilla having different framework materials in all on four implant supported prosthesis - a three dimensional finite element analysis	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis

26	Prosthodontics	Dr Abhishek Gole	Dr Bhushan Bangar	Comparative evaluation of the internal and marginal fit of cobalt-chromium crowns fabricated by conventional casting, cad/cam, and dmls: an in vitro study	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis
27	Prosthodontics	Dr Mayur Tupate	Dr Shashi Patil	Comparative evaluation of dimensional accuracy of conventional impression technique and intraoral scanning technique – an in vitro study	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis
28	Prosthodontics	Dr Prashansa Vaikunthe	Dr Shirish Pawar	Comparative evaluation of gingival displacement by three different gingival retraction techniques - an in vivo study	April 2024	Jan 2026	20/04/2024	Approved	24/04/2024	Thesis

