

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

TITLES REGISTERED YEAR: 2023

Sr. 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.Siddant Jadhav (Thesis)	Dr. Suresh Kangane	To Compare The Effect Of Three Recycling Methods on Shear Bond Strength Of Rebonded Brackets An IN-VITRO Study	June 2023	Jan 2025	8/4/2023	Approved	15/5/23	Thesis
2	Orthodontics and dentofacial orthopedics	Dr. Nikhil Mukhedkar (Thesis)	Dr.Pravinkumar Marure	Comparison Of Dentoskeletal Changes In Skeletal class 2 With Angles Class 2 Divison 1 Cases Using Fixed Function Appliances Forsus TM Fatigue Resistant Device And Mandibular Advansync TM2	June 2023	Jan 2025	8/4/2023	Approved	15/5/23	Thesis
3	Orthodontics and dentofacial orthopedics	Dr. Aavesh Bhoir (Thesis)	Dr. Suresh Kangane	Effect of orthodontic adhesive removal technique and time on bisphenol in saliva after debonding in orthodontic patients ; as randomized control trial	June 2023	Jan 2025	8/4/2023	Approved	15/5/23	Thesis



4.	Orthodontic and Dentofacial orthopaedic	Dr.ArsalanShaikh	Dr.Yatishkumar Joshi	Evolution of change in airway dimension and sagittal position of hyoid bone in orthodontic patient treated with extraction of all first premolar :Cephalometric Study	June 2023	Jan 2025	8/4/2023	Approved	15/5/23	thesis
5	Orthodontic and Dentofacial orthopaedic	Dr.Manjushapatil	Dr. Anand Ambekar	Quantitative evaluation of buccal and palatal cortical bone thickness at different height of effective mini plate placement by using CBCT system	June 2023	Jan 2025	12/4/2023	Approved	15/5/23	Thesis
6	Prosthodontics	Dr.Vaishnavi Amberkhane	Dr. Ajit Jankar	A comparative evaluation of accuracy of digital verses conventional implant impression techniques in edentulous mandibular for an all on four treatment concept an in vitro study	June 2023	Jan 2025	15/4/2023	Approved	15/5/23	Thesis
7	Prosthodontics	Dr.Vidya Channe	Dr. Ajit Jankar	Comparative evaluation stress distribution in peri implant bone of edentulous mandible having different cantilever lengths in all-on-four concepts with carbon filer reinforced prosthesis A three dimensional finite element analysis	June 2023	Jan 2025	15/4/2023	Approved	15/5/23	Thesis

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8	<u>Prosthodontics</u>	Dr. Aditi Darade	Dr. Bhushan Bagar	Evaluation of anterior loop of inferior alveolar nerve and orientation of incisive canal using cone beam computed tomography : A cross sectional study	June 2023	Jan 2025	15/4/2023	Approved	15/5/23	Thesis
9	Prosthodontics	Dr. Mohini Irkhede	Dr. Susheen Gajare	Comparative evaluation of flexible strength of heat cure poly-methyl methacrylate denture base resin reinforced with glass filters carbon filters and aramid filters : An invitro study	June 2023	Jan 2025	15/4/2023	Approved	15/5/23	Thesis
10.	Prosthodontics	Dr. Nitin Kale	Dr. Sandip Fere	Comparative evaluation of the internal fit of cobalt chromium crowns fabricated by conventional casting CAD-CAM and 3D printing : an in vitro study	June 2023	Jan 2025	15/4/2023	Approved	15/5/23	Thesis
11	Oral radiology	Aditi Darda	Dr. Vijayalakshmi	Reject analysis of intraoral periapical radiographs in oral radiology department of MIDSr college latur	01/01/2023	30/06/2023	30/06/2023	Approved	29/12	Short Study

12	conservative dentistry & endodontics	Dr. Aditya Muchchewad	Dr.Ramchandtra Kabir	A comparative evaluation of effect of to alternative modes of application of silver diamine fluoride on microtensile band strength of two different universal adhesive to artificially demineralised dentin after accelerated ageing- an-invitro study	June 2023	Jan 2025	17/4/2023	Approved	15/5/23	Thesis
13	Conservative dentistry & endodontics	Dr shubham Galale	Dr.Ramchandtra Kabir	A comparative evaluation of two different dentin conditioning pre treatment protocol on microtensile bond strength of two different universal adhesives after accelerated ageing- an-in-vitro study	June 2023	Jan 2025	17/4/2023	Approved	15/5/23	Thesis
14	Conservative Dentistry And Endodontics	Dr yamini Khotele	Dr. Anita kale	A Comparative Evaluation of Effect of Four Different Rotary Retreatment Files Supplement with XP Endo Finisher Retreatment File in Removal of bioceramic based root canal obturation using conebeamcompused tomography: An in vitro study	June 2023	Jan 2025	17/04/2023	Approved	15/5/23	Thesis

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15	Conservative Dentistry And Endodontics	Dr Varsha komatwar	Dr. Praveen Dhore	A Comparative evaluation of effect of diode laser activated chelation agent on push out bond strength of bioceramicsealer : in Vitro study	June 2023	Jan 2025	17/04/23	Approved	15/5/23	thesis
16	Conservative Dentistry And Endodontics	Dr Sayali A. Daphal	Dr. Amol Badgire	A Comparative evaluation of effect of three different dentin Biomodifiers on shear bond strength of composite Resin after accelerated aging : An in vitro study	June 2023	Jan 2025	17/04/2023	Approved	15/5/23	thesis
17	Cons and endo	Dr. Anita Kale,	Dr. Vaishali Wankhede, Dr. Sunanda Gaddalay, Dr. Amol Badgire& Praveen	Clinical management of aberrant canal anatomy in Mandibular 1st molar	10/02/2023	15/06/2023	15/06/2023	Approved	05/02/2023	Short Study



18	Pediatric& Preventive Dentistry	Dr Anamika Suryawanshi	Dr. Yogesh Kale	Comparative evaluation of effect & Resin modified glass ionomer Varnish & Resin infiltrant on incipient caries lesions in primary teeth: A Randomised controlled trial	June 2023	Jan 2025	17/4/23	Approved	15/5/23	15/5/23
19	Pediatric& Preventive Dentistry	Dr Umesh Kendre	Dr. Mahesh Dadape	Comparative evaluation of Platelet rich fibrin , Propolis ,& Mineral trioxide aggregate as pulpotomy agent in primary molars: Randomised Controlled Trial	June 2023	Jan 2025	17/4/23	Approved	15/5/23	15/5/23
20	Pediatric& Preventive Dentistry	Dr Anuja Bhatane	Dr. Shrikant Kendre	Comparative evaluation of antibacterial efficacy of sequential herbant irrigation with conventional irrigation in endodontic therapy of primary teeth ; Randomised Controlled Trial	June 2023	Jan 2025	17/4/23	Approved	15/5/23	15/5/23
21	Pediatric And Preventive Dentistry	Dr Sonali D.Lingayat	Dr. Yogesh kale	Comparative Evaluation of effect of xylitol and xylitol – probiotic containing toothpastes on salivary streptococcus Mutaus and lactobacillous count in Handicapped children:A Randomized Controlled Trial	June 2023	Jan 2025	17/04/2023	Approved	15/5/23	15/5/23

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22	Pediatric And preventive Dentistry	Dr Purva Babhulgaonkar	Dr. Prasanna dahake	Comparative evaluation of anxiety reduction in children undergoing endodontic and exodontic procedure with or without the use buiaural beats : A split month randomised controlled trail	June 2023	Jan 2025	18/4/2023	Approved	15/5/23	Thesis
23	Pediatric And preventive Dentistry	Dr.Sheeram Gidhwani	Dr.Yogesh Kale	Comparative evaluation of antimicrobial efficacy of different obturating materials in primary teeth- An invitro study	18/01/2021	18/01/2023	31/01/2023	Approved	12/01/2021	Thesis
24	periodontology	Dr.pratikshashivaji late	DR. Vishnudas Bhandari	Evaluation of stress distribution in the peri-implant bone on application of load on platform matched and platform switched abutments in tapered and cylindrical implants : a three dimensional finite element analyse study	June 2023	Jan 2025	18/4/2023	approved	15/5/23	Thesis
25	Periodontology	Dr. Rutuja Shankar Shivpurkar	Dr. Gauri Ugile	Evaluation of vestibular deepening procedure with or without periosteal fenestration in shallow mandibular labial vestibular , a randomised clinical trial	June 2023	Jan 2025	22/4/2023	Approved	15/5/23	thesis

26	Periodontology	Dr. Sayli Shankarrao Dalvi	Dr.Omkumarbaghele	An evaluation of radiographic proximal bone level and it's correlation with depth of placement of platform switched grade- 4 titanium implants having sand blasted- acid etched surfaces – a clinical trial	June 2023	Jan 2025	17/04/2023	Approved	15/5/23	thesis
27	Oral and Maxillofacial Surgery	Dr. Shubham Atole	Dr.Sheeraz Badal	Comparative evaluation of effectiveness of piezosurgery and micromotor with bur techniques for removal of impacted mesioangular mandibular third molars: a split mouth study.	June 2023	Jan 2025	18/4/2023	Approved	15/5/23	thesis
28	Oral and Maxillofacial Surgery	Dr. Shubham Bhele	Dr. Rahul Lature	Efficacy of hyaluronic acid spray in reducing postoperative pain, swelling and enhancing soft tissue healing after transalveolar extractions of endodontically treated mandibular molars : a comparative study	June 2023	Jan 2025	18/4/2023	approved	15/5/23	thesis
29	Oral and Maxillofacial Surgery	Dr.Sanika Mendki	Dr. Govind changule	Evaluation of marginal bone loss, post operative swelling and pain in implants placed using flapless method versus flap method in mandibular posterior teeth region over a period of six months: a comparative in vivo study	June 2023	Jan 2025	18/4/2023	Approved	15/5/23	thesis

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30	Oral and Maxillofacial Surgery	Dr. Dnyaneshwar Sakhare	Dr. Rahul Lature	Comparative evaluation of efficacy of 2% lignocaine (with adrenaline 1:80,000) combined with magnesium sulphate versus 2% lignocaine (with adrenaline 1:80,000) for inferior alveolar nerve block in extraction of mandibular molars with periapical infection.	June 2023	Jan 2025	18/4/2023	approved	15/5/23	thesis
31	Oral and Maxillofacial Surgery	Dr. Laxmi Yogi	Dr. Amol Doiphode	Comparative evaluation of stainless steel skin staples versus 5-0 polypropylene sutures for closing submandibular skin incisions in maxillofacial trauma patients	June 2023	Jan 2025	18/4/2023	approved	15/5/23	thesis
32	Oral and Maxillofacial Surgery	Dr. Sanika Mendki	Dr Govind Changule	Evaluation of time of onset and duration of action during disimpaction of mandibular third molar using mixture of 0.5% bupivacaine and 2% lidocaine(with adrenaline 1:80000) in 1:1 proportion versus 2% lidocaine(with adrenaline 1:80000): a comparative in vivo study	10/02/2023	15/09/2023	15/09/2023	approved	08/02/2023	Short Study




33	Oral and Maxillofacial Surgery	Dr. Shubham Bhele	Dr Punam Nagargoje	Evaluation of intra-operative pain. Time of inset and duration of action using 2% lidocaine with 0.5ml dexamedetomidine(50 micrograms) versus 2% lidocaine with 1:80000 adrenaline in extraction of mandibular molars : A comparative clinical invivo study	10/03/2023	15/09/2023	15/09/2023	Approved	08/03/2023	thesis
34	Oral and Maxillofacial Surgery	Dr. Dnyaneshwar Sakhare	Dr Gopal Nagargoje	Comparison of the efficacy and safety of levobupivacaine versus lignocaine with adrenaline as local anesthetic for extraction of mandibular molars : A clinical study	10/02/2023	15/06/2023	15/06/2023	Approved	08/03/2023	Approved
35	Oral and Maxillofacial Surgery	Dr. Laxmi Yogi	Dr Amol Doiphode	Comparing the anesthetic efficacy of single buccal infiltration of 4% articaine to buccal and palatal infiltration with 2% lidocaine during bilateral extraction of maxillary 1 st permanent premolar for orthodontic reason: A randomized controlled trial	10/03/2023	15/09/2023	15/09/2023	Approved	08/03/2023	Approved
36	Oral and Maxillofacial Surgery	Dr. Shubham Atole	Dr Sheeraz Badal	Comparing the anesthetic efficacy of single buccal infiltration of 4% articaine to buccal and palatal infiltration with 2% lidocaine during bilateral extraction of maxillary 1 st permanent molar: A randomized controlled trial	10/03/2023	15/09/2023	15/09/2023	Approved	08/03/2023	Approved