

COMPLETED RESEARCH 2023

DEPARTMENT OF PERIODONTICS

| Sr. No | Name of the Department | Principal Researcher | Co-Researcher | Title of Research | Date of Starting | Estimated Date of Completion | Research Committee | | |
|--------|------------------------|----------------------|------------------------|--|------------------|------------------------------|--------------------------|----------|------------------|
| | | | | | | | Date of Submission | Status | Date of Approval |
| 1 | Periodontics | Dr. Poonam Kande | Dr. Vishundas Bhandari | A Comparative evaluation of the salivary alkaline phosphates level in premenopausal and postmenopausal women with periodontitis before and after scaling and root planing- A clinico-biochemical study | 18/01/2021 | 18/01/2023 | 09/05/2020 13/01/2021 | Approved | 20/01/2021 |
| 2 | Periodontics | Dr. Anusha Math | Dr Om Baghele | An evaluation of the relationship between keratinized gingiva and the relative positioning of mucogingival junction to anterior facial proportions and landmarks in periodontally healthy individuals- A cross-sectional study | 18/01/2021 | 18/01/2023 | 13/01/2021 | Approved | 20/01/2021 |
| 3 | Periodontics | Dr. Shital Nagime | Dr Gauri Ugale | Evaluation of keratinized tissue width and gingival tissue thickness in anterior teeth region of periodontally healthy subjects and periodontitis patients before and 1 month after phase-1 therapy-A comparative clinical study | 18/01/2021 | 18/01/2023 | 13/01/2021 | Approved | 20/01/2021 |

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| 1 | Prosthodontics & crown & Bridge | Dr Pranoti | Dr. Suresh kamble | Comparative evaluation of three different provisional restorative materials for surface roughness using two different polishing agents- an in vitro study. | 18/01/2021 | 31/12/2022 | 14/01/2021 | Approved | 20/01/2021 | Thesis |
| 2 | Prosthodontics & crown & Bridge | Dr Pratish | Dr. Sandeep Fere | Evaluation of the effect of relaxing nickel chromium base metal alloy on the metal- ceramic bond strength: an in vitro study. | 18/01/2021 | 31/12/2022 | 14/01/2021 | Approved | 20/01/2021 | Thesis |
| 3 | Prosthodontics & crown & Bridge | Dr Pooja | Dr. Ajit Jankar | Comparative evaluation of stress distrubution in peri-implant bone of edentulous mandible in all on four concept | 18/01/2021 | 31/12/2022 | 14/01/2021 | Approved | 20/01/2021 | Thesis |

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| | | | | having different implant inclinations with | | | | | | |
|-----------|-----------------------|--|---------------------------|--|----------------------------|-----------------------|----------------------------|---------------------|--|--|
| Sr. No | Name of Researcher | Designation UG/PG/staff position | CO- RESARCHER | Title of research | Duration of research | Research committee | Purpose of the study | | | |
| | | | | | | Date of submission | Status | Date of approval | Thesis /PHD/ research & publication | |
| 1 | Dr. Akshay Khasse | PG | DR RAMCHANDRA KABIR | Effects of diode laser irradiation on microtensile bond strength of universal adhesive system to dentine: an in-vitro study. | 1/02/2022- 28/02/2022 | 20/01/2022 | Approved | 25/01/2022 | Research | |
| 2 | Dr. Akshay Khasse | PG | | Comparative evaluation of surface microhardness of artificially demineralized human enamel | 5/10/2022- 28/10/2022 | 30/09/2022 | Approved | 3/10/2022 | Research | |

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| | | | | treated with four different treatment modalities. | | | | | | |
| 3 | Dr. Vaishali Wankhede | PG | ANITA KALE | Effect of dentinal biomodification with proanthrocyanidin and arginine on remineralization potential of mi varnish on artificial demineralized lesion. | 1/02/2022-28/02/2022 | 20/01/2022 | Approved | 25/01/2022 | Research | |
| 4 | Dr. Vaishali Wankhede | PG | | Antibacterial efficiency of calcium hypochlorite gel verses sodium hypochlorite gel, chlorhexidine gel and triple antibiotic paste used in regenerative endodontics using | 5/10/2022-28/10/2022 | 30/09/2022 | Approved | 3/10/2022 | Research | |

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| | | | | | | Date of submission | Status | Date of approval | Thesis /PHD/ Research& Publication |
| 1 | Dr. Jyotsna Chate | PG Student | Dr. Suresh Kangne | Zadakes controlled etchant placer | 2months | 29/08/22 | completed | 7/12/22 | Research |
| 2 | Dr. Ankita Jaybhaye | PG Student | Dr. Pravinkumar Maroore | Zadake's Angular gauge: A novel clinical orthodontic diagnostic aid | 2 months | Jan 2022 | Completed | June 2021 | Research Clinical innovation |
| 3 | Dr. Ankita Jaybhaye | PG Student | Dr. Pravinkumar Maroore | A three dimentional study model basing device | 4 months | Jan 22 | Completed | April 2022 | Research Clinical innovation |
| 4 | DR. Sayali Deshmukh | PG Student | DR. Anand Ambekar | Andy's " T" Pin Crown and root aligning auxillary – A Clinical innovation | 1 year | 17/02/2021 | completed | 07/06//22 | Research |


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| 5 | DR. Sayali Deshmukh | PG Student | DR. Anand Ambekar | Survey on Is covid 19 pandemics affecting orthodontic treatment mechanics , results, follow-ups ,and economics | 1 year | 10/ 10/22 | completed | 12/ 12/22 | Research |
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| | | | | | | | Date of submission | Status | Date of approval | Thesis /PHD/ Research & Publication |
| 1 | Pediatric & Preventive Dentistry | Dr. Yogesh Kale | Dr. Shreeram Gidhwani | Comparative evaluation of stress distribution in endodontically treated primary maxillary central incisor restored with three different posts and zirconia crown – A Finite element analysis | 09/07/2021 | 30/11/2021 | - | Ongoing | 14/01/2021 | Thesis |
| 2 | Pediatric & Preventive Dentistry | Dr. Yogesh Kale | Dr. Shreeram Gidhwani | Antimicrobial efficacy of different obturating material in primary teeth – an in vitro study | 09/07/2021 | 30/11/2021 | - | Ongoing | 14/01/2021 | Research & Publication |
| 3 | Pediatric & Preventive Dentistry | Dr. Mahesh Dadpe | Dr.PoojaShelke | Comparative evaluation of three herbal extract in inhibiting progress of plaque biofilm induced early carious lesion – an in-vitro study | 09/07/2021 | 30/11/2021 | - | Ongoing | 14/01/2021 | Thesis |

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| 4 | Pediatric & Preventive Dentistry | Dr. Mahesh Dadpe | Dr. Pooja Shelke | Evaluation of cytotoxic effects of EDTA and EDTA modified with silver nano particles on human periodontal ligament fibroblasts: An in-vitro study | 09/07/2021 | 30/11/2021 | - | Ongoing | 14/01/2021 | Research & Publication |
| 5 | Pediatric & Preventive Dentistry | Dr. Prasanna Dahake | Dr. Mayur Dugad | Comparative Evaluation of cytotoxicity and anti-inflammatory potential of novel obturating material and its modification with zinc oxide eugenol on primary pulp fibroblast | 09/07/2021 | 30/11/2021 | - | Ongoing | 14/01/2021 | Thesis |
| 6 | Pediatric & Preventive Dentistry | Dr. Prasanna Dahake | Dr. Mayur Dugad | Comparative evaluation of genotoxicity of novel obturating material and its modification with zinc oxide eugenol on primary pulp fibroblast | 09/07/2021 | 30/11/2021 | - | Ongoing | 14/01/2021 | Research & Publication |


Research Committee
MDSR Dental College, Latur