

**MAEER'S PUNE**  
**MAHARASHTRA INSTITUTE OF DENTAL SCIENCES & RESEARCH, LATUR**  
**Department of Pediatric and Preventive Dentistry**  
**COMPLETED RESEARCH**

Sr. No	Name of the Department	Principal Researcher	Co-Researcher	Title of Research	Purpose of the study	
					Status	Thesis /Ph.D./ Research & Publication
1.	Pedodontics & Preventive Dentistry,	Dr.Apeksha V. Nalwade	Dr. Yogesh J. Kale	Comparative Evaluation of microleakage & compressive strength of glass Ionomer cement, giomer & zirconomer improved: An in Vitro Study	Completed	<b>Thesis</b>
2.	Pedodontics & Preventive Dentistry,	Dr. Yogesh J. Kale	Dr. Apeksha Vikram Nalwade	Evaluation of Effect of Different pediatric drug formulations on color stability of composite, zirconomer improved & a glass Ionomer cement.	Completed	Short Study
3	Pedodontics & Preventive Dentistry,	Dr. Yogesh J. Kale	Dr. Apeksha Vikram Nalwade	Effect of liquid medication on surface roughness of dental restorative materials.	Completed	Short Study
4.	Pedodontics & Preventive Dentistry,	Dr. Snehal V. Dhore	Dr. Mahesh Dadpe	Effect of Diode Laser & Topical Fluoride on Primary Enamel Microhardness & surface Morphology: An in-Vitro Study	Completed	<b>Thesis</b>
5.	Pedodontics & Preventive Dentistry	Dr.Mahesh Dadpe	Dr.Snehal Vasantao Dhore	Evaluation of Antiplaque activity of trachyspermum Amml (Ajwain Oil) against five different plaque-forming bacteria	Completed	Short Study
6.	Pedodontics & Preventive Dentistry	Dr. Nikita Panpaliya	Dr. Prasanna T. Dahake	Evaluation of functional Differentiation potential of human dental pulp stem cells under influence of different bio-inductive materials: An in vitro Study	Completed	Thesis
7.	Pedodontics & Preventive Dentistry	Dr. Prasanna T. Dahake	Dr. Nikita Panpaliya	Antimicrobial Property of Silver nano-particles against oral pathogenic bacteria on in vitro study.	Completed	Short Study
8.	Pedodontics & Preventive Dentistry	Dr. Jabin M. Pathan	Dr. Mahesh Dadpe	Evaluation of Moyer's and Tanaka-Johnstion mixed Dentition space analysis regional population.	Completed	Thesis
9.	Pedodontics & Preventive Dentistry	Dr. Mahesh Dadpe	Dr. Jabin M. Pathan	Evaluation of Lavender oil as a topical anesthetic agent before dental anesthesia through pain rating scale	Completed	Short Study
10.	Pedodontics & Preventive	Dr. Vinod Vaijinath	Dr. Prasanna	Comparative Evaluation of antimicrobial	Completed	Thesis

	Dentistry	Panchal	Dahake	efficacy of sodium hypochlorite, Triphala Eucalyptus & carvacrol against enterococcus Faecatis: An In vitro Study		
11.	Pedodontics & Preventive Dentistry	Dr. Prasanna Dahake	Dr. Vinod V. Panchal	Effect of naturally occurring biogenic material on human dental pulp stem cells (hDPDSC): an in-vitro study.	completed	Short Study
12.	Pedodontics & Preventive Dentistry	Dr. Sagar Misal	Dr. Yogesh J. Kale	Comparative evaluation of microleakage of zinc oxide eugenol and endoflas as ana obturating materials using different root canal irrigants in primary teeth: A in-vitro study.	Completed	Thesis
13.	Pedodontics & Preventive Dentistry	Dr. Yogesh J. Kale	Dr. Sagar Misal	Comparison of cariostatic and remineralizing potential of two commercial silver diamine fluoride preparations using confocal laser microscopy: an in-vitro study	Completed	Short Study
14.	Pedodontics & Preventive Dentistry	Dr. Sphurti Joshi	Dr. Prasanna Dahake	Anti-microbial efficacy of zinc oxide eugenol mixed with various essential oils as root canal filling material for primary teeth an in vitro experimental study.	Completed	Thesis
15.	Pedodontics & Preventive Dentistry	Dr. Prasanna Dahake	Dr. Sphurti Joshi	Evaluation of in-vivo biocompatibility of ZOE, ZO, ajwain, and ZO ajwain eugenol as root canal obturating material through subcutaneous tissue implants in rats.	Completed	Short Study
16	Pedodontics & Preventive Dentistry	Dr. Sujata Dongre	Dr. Mahesh Dadpe	Comparative evaluation of the antimicrobial efficacy of zirconia reinforced glass ionomer cement, universal glass ionomer cement universal glass ionomer cement and silver alloy reinforced glass ionomer cement modified direct contact test an in-vitro study.	Completed	Thesis
17	Pedodontics & Preventive Dentistry	Dr. Mahesh Dadpe	Dr. Sujata Dongre	Evaluation of differentiation potential of various bio inductive material combinations on human dental pulp stem cells: An in-vitro experimental study.	Completed	Short Study
18	Pedodontics & Preventive Dentistry	Dr. Swapnil Yadav	Dr. Yogesh J. Kale	Comparative evaluation of different pre biotic enhanced probiotic on growth of streptococcus mutants: An in-vitro study	Completed	Thesis

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19	Pedodontics & Preventive Dentistry	Dr. Yogesh J. Kale	Dr. Swapnil Yadav	Comparative evolution of self proliferation and regeneration potential of propolis and biodentine on SHED	Completed	Short Study
20	Pedodontics & Preventive Dentistry	Dr. Nikita Chordia	Dr. Mahesh Dadpe	Comparative evaluation of different storage media on hardness and fracture resistance of reattached tooth fragment: An in vitro study	Completed	Thesis
21	Pedodontics & Preventive Dentistry	Dr. Mahesh Dadpe	Dr. Nikita Chordia	Antimicrobial efficacy off Tridax procumbens as root canal irrigant – An in-vitro study	Completed	Short Study
22	Pedodontics & Preventive Dentistry	Dr. Shruti Bhamre	Dr. Prasanna Dahake	Effect of herbal extract of spilanthes acmella and cinnamon oil on E. faecalis biofilm formation: An in-vitro study.	Completed	Thesis
23	Pedodontics & Preventive Dentistry	Dr. Prasanna Dahake	Dr. Shruti Bhamre	Effect of combination of various biomimetic materials on stem cells exfoliated from human deciduous teeth (SHED)	Completed	Short Study
24	Pediatric & Preventive Dentistry	Dr. Shreeram Gidhwani	Dr. Yogesh Kale	Comparative evaluation of stress distribution in endodontically treated primary maxillary central incisor restored with three different posts and zirconia crown – A Finite element analysis	Completed	Thesis
25	Pediatric & Preventive Dentistry	Dr. Yogesh Kale	Dr. Shreeram Gidhwani	Antimicrobial efficacy of different obturating material in primary teeth – an in vitro study	Completed	Short Study
26	Pediatric & Preventive Dentistry	Dr. Pooja Shelke	Dr. Mahesh Dadpe	Comparative evaluation of three herbal extract in inhibiting progress of plaque biofilm induced early carious lesion – an in-vitro study	Completed	Thesis
27	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	Completed	Short Study
28	Pediatric & Preventive Dentistry	Dr. Mayur Dugad	Dr. Prasanna Dahake	Comparative Evaluation of cytotoxicity an anti-inflammatory potential of novel obturating material and its modification wit zinc oxide eugenol on primary pulp fibroblast	Completed	Thesis
29	Pediatric & Preventive Dentistry	Dr. Prasanna Dahake	Dr. Mayur Dugad	Comparative evaluation of genotoxicity of novel obturating material and its modification	Completed	Short Study

				with zinc oxide eugenol on primary pulp fibroblast		
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