

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

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	Pediatric & Preventive Dentistry	Dr. Sanmati Gandhi	Dr. Prasanna Dahake	Evaluation of antibacterial efficacy of new combination of green synthesized silver nanoparticles, Tridax procumbens and mineral trioxide aggregate against p gingivalis An In-vitro study	13 June 2022	12 June 2024	07 June 2022	Ongoing	11Nov. 022	Thesis
2	Pediatric & Preventive Dentistry	Dr. Prasanna Dahake	Dr. Sanmati Gandhi	Comparative evaluation of cytotoxicity and anti-inflammatory potential of green synthesized silver nanoparticles	02 May 2023	12 June 2024	27 April 2023	Ongoing	-	Research Projects
3	Pediatric & Preventive Dentistry	Dr. Pooja Gopalghare	Dr. Mahesh Dadpe	Effect of two surface treatments on push out bond cemented with flowable composite resin cement:An in vitro study	13 June 2022	12 June 2024	07 June 2022	Ongoing	11Nov. 022	Thesis
4	Pediatric & Preventive Dentistry	Dr. Mahesh Dadpe	Dr. Pooja Gopalghare	Comparative evaluation of push out bond strength in endodontically treated permanent maxillary central incisor restored with three different posts: An In-vitro study	02 May 2023	12 June 2024	27 April 2023	Ongoing	-	Research Projects
5	Pediatric & Preventive Dentistry	Dr. Niketa Deshmukh	Dr. Yogesh Kale	Comparative evaluation of colour stability, wear and fracture resistance of newly introduced preformed resin polymer crown with preformed Zirconia crown:An In vito study.	19 Oct 2022	12 June 2024	13 Oct. 2022	Ongoing	11Nov. 022	Thesis
7	Pediatric & Preventive Dentistry	Dr. Yogesh Kale	Dr. Niketa Deshmukh	Comparative Evaluation Of Cytotoxic And Apoptotic Effects Of Novel Resin Polymer Crown And Zirconia Crown On Human Gingival Fibroblasts.	02 May 2023	12 June 2024	27 April 2023	Ongoing	-	Research Projects
8	Pediatric & Preventive Dentistry	Dr. Purva Babhulgaonkar	Dr. Prasanna Dahake	Comparative evaluation of anxiety reduction in children undergoing endodontic and exodontia procedures with pr without the use of binaural beats: A split mouth randomized controlled trial	03 April 2023	05 April 2025	28 March 2023	Ongoing	-	Thesis

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

9	Pediatric & Preventive Dentistry	Dr. Anuja Bhatane	Dr. Shrikant Kendre	Comparative evaluation of antibacterial efficacy of sequential herbal irrigation with conventional irrigation in endodontic therapy of primary teeth: A randomized controlled trial	03 April 2023	05 April 2025	28 March 2023	Ongoing	-	Thesis
10	Pediatric & Preventive Dentistry	Dr. Umesh Kendre	Dr. Mahesh Dadpe	Comparative evaluation of platelet rich fibrin, propolis and mineral trioxide aggregate as pulpotomy agents in primary molars: a randomized controlled trial	03 April 2023	05 April 2025	28 March 2023	Ongoing	-	Thesis
11	Pediatric & Preventive Dentistry	Dr.Sonali lingayat	Dr. Yogesh Kale	Comparative evaluation of effect of xylitol and xylitol - probiotic containing toothpastes on salivary streptococcus mutans and lactobacillus count in handicapped children: a randomized controlled trial	03 April 2023	05 April 2025	28 March 2023	Ongoing	-	Thesis
12	Pediatric & Preventive Dentistry	Dr. Anamika suryawanshi	Dr. Yogesh Kale	Comparative evaluation of effect of resin modified glass ionomer varnish and resin infiltrant on incipient carious lesions in primary teeth : a randomised controlled trial	03 April 2023	05 April 2025	28 March 2023	Ongoing	-	Thesis