

Curriculum Vitae

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Dr. Madhura Pawar

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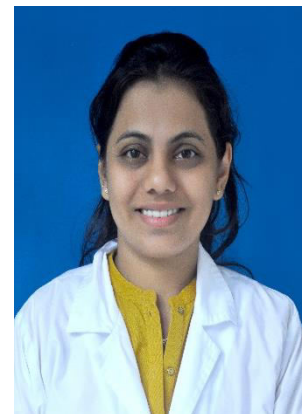
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Designation: Associate Professor, Department of Pedodontics & Preventive Dentistry,

Dr. D. Y. Patil Dental College and Hospital, Pimpri, Pune

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Educational Qualification:

BDS, MDS (Pedodontics and Preventive Dentistry)

PhD: Pursuing PhD at Dr. D.Y.Patil University, Pune, Maharashtra

Professional/ Academic Experience:

Senior Lecturer	M A Rangoonwala College of Dental Sciences and Research Centre, Pune	From 07.06.2012 to 14.02.2014
Senior Lecturer	SMBT Dental Sciences and Research Centre, Sangamner	From 15.02.2014 to 01.06.2015
Senior Lecturer	M A Rangoonwala College of Dental Sciences and Research Centre, Pune	From 02.06.2015 to 07.06.2016
Reader	M A Rangoonwala College of Dental Sciences and Research Centre, Pune	From 08.06.2016 to 31.03.2018
Reader	Dr. D. Y. Patil Dental College and Hospital, Pimpri, Pune	From 06.04.2018 till date

Awards, Honors, and fellowship:

Best Presentation (1st Prize) at International Digital Pediatric Dentistry Congress by South Asian Association of Pediatric Dentistry

Research Publications:

1. Dental Caries and its Relationship to Malocclusion in Permanent Dentition Among 12-15 Year Old School Going Children. Journal of International Oral Health 2014; 6(5):27-30
2. Awareness of infection control techniques among oral surgeons in patient management. Int J Dent Case Reports 2014; 4(4): 1-6
3. Caries Preventive Effect of Sodium Fluoride Varnish on Deciduous Dentition: A Clinical Trial. J Contemp Dent Pract 2017;18(12):1190-1193
4. [Significance of Effect of Metformin on Cancer Stem Cells–“Need of an Hour” in oral cancers.](#) Journal of Research in Medical and Dental Science 5 (5), 30-33
5. Behaviour of DPSCs in vitro under hyperglycaemic and ischemic conditions simulate in vivid scenario. JISPPD 2019;37:S27.

6. Comparative evaluation of microleakage of Type IX Glass ionomer cement and nano-ionomer cement restoration, in cavities prepared by erbium: Yttrium, aluminum, garnet laser and conventional bur method: *In vitro* study International Journal of Pedodontic Rehabilitation. 2019;4(2):71-75.
7. [Need for the biobanking and all-round “-omics” approach for cancers of mouth/oral region.](#) Oral Diseases 2019;00:1-2
8. Knowledge, attitude and practice among school teachers about correlation of oral habits and functional dyslalia in children IJPMR 2020;7(8):702-705
9. [Effectiveness of Licorice in preventing dental caries in children: A systematic review.](#) JISPPD.2020;38(4):325-331.

Research Projects:

1. Comparative evaluation of dentin bridge formation by Mesenchymal Stem Cells from SHED with Chitosan scaffold and Biodentine in pulpotomized teeth.
2. Comparative analysis of proliferation and differentiation potential of DPSCs under high glucose and low serum alone and in combination.
3. Effect of three different cryomixtures on biological properties of Mesenchymal Stem Cells obtained from SHED.

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MDS Pedodontics and Preventive Dentistry