




Bharath Institute of Higher Education and Research

Faculty Profile

Personal Details	
DR. DEEPIKA KATYAL	
B.D.S ,M.D.S,	
Department of Orthodontics	
Sree Balaji Dental College & Hospital	
+91 9940235965	
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FIELDS OF INTEREST

Metal braces & Ceramic braces • Self-Ligating braces • Functional Appliances (Removable & Fixed) • Functional Jaw Orthopaedics • Lingual Orthodontics • Clear Aligner Therapy • Mini Implants & Extra-alveolar Bone Screws • TMJ Disorders • Accelerated Orthodontics • Orthodontic Disimpactions • Surgical Orthodontics • Digital Smile Designing • Digital Surgical Planning for Orthognathic Surgery • In house aligner planning

AWARDS AND ACHIEVEMENTS

- Cleared Phase II of the Indian Board of Orthodontics - Diplomate exam.
- Cleared Phase I of Membership in Orthodontics examinations conducted by the Royal College of Physicians and Surgeons, Glasgow.
- Awarded Indian Dental Diva Award-Best Postgraduate Student of The Year -2022.
- Awarded Best Paper Presentation at State Level Article Symposium MGR University 2023
- Awarded Most Consistent PG performer of the year award from the department of Orthodontics for 2 consecutive years at INSIGNIA 2022 and 2023.
- Awarded Overall Best Poster at the Saveetha Transdisciplinary Research Summit -2023
- Most number of awards won by a Postgraduate award at the Saveetha transdisciplinary Research Summit -2023
- Awarded Academic Excellence for being a gold medallist for 3 consecutive years by the Indian Dental Association 2016, 2017, 2018.
- Authored and Published 15+ articles in the field of Orthodontics across various Indexed Journals.
- Awarded by IDA for being University Rank Holder consecutively from 2016-2018.

INTERNATIONAL STUDENT EXCHANGE

- Attended The Dental -Medical Exchange Program at National Chen Kung University, Tainan, Taiwan
- Attended The International Healthcare Expo inaugurated by Her Excellency Tsai Ing-Win - The

President of Taiwan.

Subjects Taught	
UG	PG
Orthodontics and Dentofacial Orthopedics	Orthodontics and Dentofacial Orthopedics

Academic Background				
Degree	Specialization	University	Class	Month & Year of Passing
M.D.S.,	Orthodontics	Saveetha Institute of Medical and Technical Sciences		2023
B.D.S.,		SREE BALAJI DENTAL COLLEGE & HOSPITAL	First class with Distinction	October 2019

Work Experience as on February 2025			
Name of the Institution/Company	Position	From	To
Sree Balaji Dental college & Hospital	Senior lecturer	FEB 2025	Till date
YASH Dental	Orthodontist and Invisalign provider	Jan 2024	Jan 2025
MB Oral and Dental Centre	Dental Assistant and Intern	2015	2017

Research Publications

• Katyal D, George AM, Jain RK, Balasubramaniam A, Srirengalakshmi M, Vaid NR. Plateletrich derivatives for accelerating the rate of orthodontic tooth movement - a systematic review and meta-analysis. APOS Trends Orthod 2022; 12:202-13.

• Katyal D, Balakrishnan N. Evaluation of the accuracy and reliability of WebCeph An artificial intelligence-based online software. APOS Trends Orthod 2022; 12:271-6.

• Katyal D, Mohan R, Jain RK, Nagesh S. Evaluation of Antimicrobial and Mechanical Properties of a Novel Propolis-Modified Orthodontic Primer: An In-Vitro Study. Cureus. 2023 Oct 9;15(10):e46716. doi: 10.7759/cureus.46716. PMID: 38021821; PMCID: PMC10631558.

• Katyal D, Jain RK. Comparative Assessment of Bracket Bond Failure Rates of a Novel Chitosan-Based Orthodontic Primer: An In Vivo Split-Mouth Study. Cureus. 2023 Aug 8;15(8):e43177. doi: 10.7759/cureus.43177. PMID: 37692639; PMCID: PMC10485561.

- Katyal, Deepika¹; Jain, Ravindra Kumar¹; Sankar, Ganesh Pitchaipillai²; Prasad, Arya S.1. Antibacterial, Cytotoxic, and Mechanical Characteristics of a Novel Chitosan-Modified Orthodontic Primer: An In-Vitro Study. *Journal of International Oral Health* 15(3):p 284-289, May–Jun 2023. | DOI: 10.4103/jioh.jioh_240_22
- Katyal D. The Effect of Topical Melatonin Gel on the Oral Health and Salivary Nickel and Chromium Content of Orthodontic Patients: An In Vivo Study. *World J Dent* 2023; 14 (4):326-330.
- Katyal D, Jain RK, Sreenivasagan S. Herbal-mediated preparation of nano-sized particles of selenium, its characterization, and evaluation of its antimicrobial activity. *J Adv Pharm Technol Res.* 2022 Dec;13(Suppl 2):S525-S529. doi: 10.4103/japtr.japtr_182_22. Epub 2022 Dec 30. PMID: 36798553; PMCID: PMC9926589.
- Katyal D, Subramanian AK, Venugopal A, Marya A. Assessment of Wettability and Contact Angle of Bonding Agent with Enamel Surface Etched by Five Commercially Available Etchants: An In Vitro Study. *Int J Dent.* 2021;2021:9457553. Published 2021 Oct 8. doi:10.1155/2021/9457553.
- Synthesis Of A Novel Mouth Rinse Containing Selenium Nanoparticles And Chitosan Colloid And Assessing Its Antimicrobial Property. (2022). *Journal of Pharmaceutical Negative Results*, 1915-1922.
- Katyal D, Jain RK, Evaluation of Cytotoxicity of A Novel Mouthwash Containing Selenium Nanoparticles And Chitosan Colloid. *ECB*,(2022)