



Bharath Institute of Higher Education and Research

**Faculty Profile**

<b>Personal Details</b>	
Name : Dr.Rudhra.K	
Designation : Assistant Professor	
Department : PERIODONTICS & IMPLANTOLOGY	
Name of Institution : Sree Balaji dental college and hospital	
Mobile : 8838991033	
email : rudhrakannan97@gmail.com	

Area of Interest	<ul style="list-style-type: none"> <li>● Periodontal medicine Periodontal Plastic Surgery</li> <li>● Regenerative Periodontics</li> <li>● Dental Implantology</li> <li>● Laser-Assisted Periodontics</li> </ul>
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<b>Subjects Taught</b>	
UG	PG
<ul style="list-style-type: none"> <li>● Periodontology &amp; Oral Implantology (Clinical and Theory)</li> <li>● Oral Hygiene Instruction and Preventive Periodontics</li> <li>● Dental Anatomy &amp; Oral Physiology (as applicable)</li> <li>● Preclinical Periodontology (Simulation Labs)</li> <li>● Patient Case Discussions and Clinical Postings</li> </ul>	<ul style="list-style-type: none"> <li>● Periodontal Surgical Procedures and Regenerative Techniques</li> <li>● Implantology (Theory and Hands-on Sessions)</li> <li>● Evidence-Based Periodontics &amp; Research Methodology</li> <li>● Journal Club &amp; Seminar Guidance</li> </ul>

<b>Academic Background</b>				
Degree	Specialization	University	Class	Month & Year of Passing
B.D.S		The Tamilnadu Dr.M.G.R Medical university		2019 September

M.D.S	Periodontics	The Tamilnadu Dr.M.G.R Medical university		2023 September
PhD	Periodontal medicine	Bharath university	Enrolled from January 2024	

Work Experience as on July 2024							
Name of the Institution/Company		Position		From		To	
Sree Balaji dental college and hospital		Assistant Professor		September 2023		Present	
Total experience	<Years >	Teaching	<years >	Research	<years >	Administration	<years >
		2	2	2	2		2

Research Publications				
International Journal	National Journal	International Conference	National Conference	Total Number of Publications
5	15			20

S NO	TITLE	JOURNAL	AUTHORSHIP	YEAR; VOL(ISSUE): PAGES	INDEX
1.	Comparative Evaluation of Surgical Outcomes of Different Techniques of Frenectomy: A Clinical Study	World Journal of Dentistry (2025): 10.5005/jp-journals-10015-2732	FIRST AND CORRESPONDING	Received on: 14 October 2025; Accepted on: 18 November 2025; Published on: 20 January 2026 Volume 16 Issue 11	SCOPUS
2.	<b>A Titanium Nanoparticle–PDRN Hydrogel Scaffold: Physicochemical Properties</b>	Next Materials	Third author	<a href="https://doi.org/10.1016/j.nxmater.2026.101683">https://doi.org/10.1016/j.nxmater.2026.101683</a> Volume 11, April 2026, 101683	Scopus

	<b>for Potential Periodontal Use</b>				
3.	Harnessing stem cells and tissue engineering for oral and maxillofacial reconstruction—A mini review	<a href="#">Chinese Journal of Plastic and Reconstructive Surgery</a>	First and corresponding	<a href="https://doi.org/10.1016/j.cjprs.2025.11.001">https://doi.org/10.1016/j.cjprs.2025.11.001</a> Received 29 August 2025; Received in revised form 4 November 2025; Accepted 7 November 2025	Scopus
4.	Microneedling with injectable platelet-rich fibrin as an adjunct to nonsurgical periodontal therapy in periodontitis patients: A split-mouth clinical trial	Journal of Indian society of periodontology	First and corresponding	Journal of Indian Society of Periodontology 29(4):p 401-406, Jul–Aug 2025.   DOI: 10.4103/jisp.jisp_313_24	Pubmed and scopus
5.	Botulinum toxin in orofacial muscle hypertonicity: Clinical insights and therapeutic applications	Chinese Journal of Plastic and Reconstructive Surgery	First Author	2025	Scopus
6.	Mari's Classification for Periimplantitis Based on Thread Exposure—A Critical Update	Journal of Advanced Oral Research	Second Author	2025	Scopus
7.	Efficacy of Polydeoxyribonucleic Acid (PDRN) in periodontal	Journal of Oral Biology and Craniofaci	Third Author	2025; 15(3): 624–630	Scopus

	regeneration: A systematic review of clinical outcomes	al Research			
8.	Evaluating the effect of virgin coconut oil pulling on viral load, bacterial load and inflammatory mediator levels in chronic periodontitis	J Oral Biol Craniofac Res	First Author	2025; 15(1): 153–158	Scopus
9.	Conventional versus osseodensification drilling in the narrow alveolar ridge: A prospective randomized controlled trial	Cureus	Sixth Author	2024; 16(3)	PubM ed,
10	Accelerating Orthodontic Treatment Using Periodontally Accelerated Osteogenic Orthodontics (PAOO): A Periodontic-Orthodontic Interrelationship	Cureus	Second Author	2024; 16(6)	PubM ed,
11	Emergence of Digital Workflow in Minimally	J Clin Diagn Res	Third Author	2024; 18(12)	Web of

	Invasive Implant Surgery: A Case Report				science
12	Mari's novel T-shaped incision in frenotomy technique with bilateral pedicle flap – an aesthetic approach	J Oral Biol Craniofac Res	First Author, Corresponding Author	2024; 14(6): 782–784	Scopus
13	Frenectomy Managed by a Bilateral Pedicle Flap: A Case Report	Cureus	Fourth Author	2024; 16(10)	PubMed,
14	Ternion Approach of Surgical Coverage in Single Tooth Recession: A Case Report on a Novel Technique	Cureus	Fifth Author	2024; 16(10)	PubMed,
15	The Use of CAD/CAM Technology for Zirconia Crowns After Laser-Assisted Crown Lengthening and Retraction: A Case Report	Cureus	Third Author	2024; 16(6)	PubMed,
16	Impact of Metabolic Syndrome on	African Journal of	Second Author,	2024; 6	DOAJ / Emerg

	the Risk of Periodontal Disease: An Analysis by Two Different Assessment Tools	Biological Sciences	Corresponding Author		ing Sources
17	Preserving Peri-Implant Soft Tissue Health: A Case Report on Immediate Implant Placement Using the Socket Shield Technique	Cureus	Third author	2024; 16(4)	PubMed,
18	Periodontal Plastic and Esthetic Surgery	Book Chapter	Fourth Author	2024	Book Chapter
19	Role of Piezoelectric Device in Periodontics	Book Chapter	First Author, Corresponding Author	2024	Book Chapter
20	Evaluation of the Effect of Royal Jelly Solution as a Subgingival Irrigant – A Randomised Controlled Clinical Trial	Journal of Advanced Research in Medical Science & Technology	First Author, Corresponding Author	2023	Emerging Sources
21	The Effect of Coconut Oil Pulling vs Chlorhexidine Mouthwash on	World Journal of Pharmaceutical Research	First Author, Corresponding Author	2023; 12(5): 1698–1707	Emerging Sources

	Streptococcus mutans Count in Saliva – A Randomized Controlled Study				
22	In vitro Evaluation of Curcumin Oral Gel Antimicrobial gel	Drug Invention Today	First Author, Corresponding Author	2020; 13(1)	Scopus

<b>Memberships in Professional Bodies</b>	
Sl.No	Name of the Professional Body
	ASSOCIATE MEMBER at INDIAN SOCIETY OF PERIODONTOLOGY AM/4366/21
<b>Training Programmes Attended</b>	
Sl.No	Details in Chronological order
	<p>An insight into CBCT – Hands on at Vivekanandha dental college for women</p> <p>Training on Good clinical practices and new drug clinical trial regulations held by quinary clinical research pvt.ltd</p> <p>Attended module course on ESSENTIAL ENDODONTICS held on 2019 -3-day RCT course for securing first mark in BDS final year -Conservative dentistry paper</p> <p>Certified RCT course in Access institute on December 2024</p> <p>Training implants at Implants simplified at Kerala- ongoing</p>

<b>Roles and Responsibilities</b>	
Sl.No	Details
	<ul style="list-style-type: none"> <li>Guided undergraduate and postgraduate dental students in clinical case presentations, scientific paper writing, and research methodology.</li> <li>Mentored postgraduate dissertations and clinical research projects in the fields of periodontics, implantology, and regenerative procedures.</li> <li>Served as a faculty mentor for students participating in:</li> </ul>

	<ul style="list-style-type: none"> <li>o Scientific paper/poster competitions (e.g., National Dental Summit 2.0)</li> <li>o Interdisciplinary webinars and CDE programs</li> <li>• Actively involved in curriculum support and preclinical mentorship</li> <li>• Provided clinical supervision and skill development in procedures such as flap surgeries, mucogingival techniques, implant planning, and GTR-based therapy.</li> </ul>
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<b>Awards Received</b> 	
Sl.No	Details
	<p><b>Lectures Delivered / Scientific Presentations</b></p> <ul style="list-style-type: none"> <li>• Received a special award for scientific presentation excellence for “Periodontists' Prolific Procedure in Perioplastic and Implantology” at the National Dental Summit 2.0, organized by Priyadarshini Dental College and Hospital.</li> <li>• Speaker for the webinar lecture “Cross-Talk Between Endodontics and Periodontal Pathologies,” organized by the Department of Oral Pathology &amp; Oral Biology, Saveetha Dental College &amp; Hospitals, Chennai.</li> </ul>
	<p><b>Fellowship in Facial Aesthetics (FFA)</b>  Awarded by the International Academy of Trichology &amp; Aesthetic Medicine (IATAM), accredited by Aesthetics Accreditation International, USA.  Date of Award: 04 November 2024</p>
	<p> <b>Academic &amp; Institutional Roles</b></p> <ul style="list-style-type: none"> <li>• <b>Mentor for First-Year Undergraduate Students</b>  Actively mentoring first-year BDS students, providing academic guidance, career orientation, and personal support to ensure a smooth transition into dental education.</li> </ul>

- **IQAC – NAAC Criteria 2 In-Charge (Teaching-Learning and Evaluation)**

Serving as the coordinator for **Criteria 2** under the **Internal Quality Assurance Cell (IQAC)** at Sree Balaji Dental College & Hospital.

Responsibilities include:

- o Documentation and quality monitoring of teaching-learning practices
- o Coordinating faculty evaluations and feedback mechanisms
- o Ensuring compliance with **NAAC standards for curriculum delivery and assessment**