



Bharath Institute of Higher Education and Research

**Faculty Profile**

| Personal Details                                              |                                                                                    |
|---------------------------------------------------------------|------------------------------------------------------------------------------------|
| 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                              |                                                                                    |

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|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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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| Subjects Taught                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                         |
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| 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> |

| Academic Background |                |                                           |       |                         |
|---------------------|----------------|-------------------------------------------|-------|-------------------------|
| 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<br>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                     | 13               |                          |                     | 16                           |
|                       |                  |                          |                     |                              |
|                       |                  |                          |                     |                              |

| SNO | TITLE                                                                                             | JOURNAL DETAILS                                       | AUTHORSHIP ROLE |   |
|-----|---------------------------------------------------------------------------------------------------|-------------------------------------------------------|-----------------|---|
| 1.  | Botulinum toxin in orofacial muscle hypertonicity: Clinical insights and therapeutic applications | Chinese Journal of Plastic and Reconstructive Surgery | Second Author   | 2 |
| 2.  | Mari’s Classification for Periimplantitis Based on Thread Exposure—A Critical Update              | Journal of Advanced Oral Research                     | First Author    | 2 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------------------------|--------|
| 3. | 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, 15(1), 153–158 (2025) | Second Author                      | S      |
| 4. | Conventional versus osseodensification drilling in the narrow alveolar ridge: A prospective randomized controlled trial                        | Cureus, 16(3), (2024)                            | Sixth Author                       | I<br>S |
| 5. | Accelerating Orthodontic Treatment Using Periodontally Accelerated Osteogenic Orthodontics (PAOO): A Periodontic-Orthodontic Interrelationship | Cureus, 16(6), (2024)                            | Second Author                      | I<br>S |
| 6. | Emergence of Digital Workflow in Minimally Invasive Implant Surgery: A Case Report                                                             | J Clin Diagn Res, 18(12), (2024)                 | Third Author                       | S<br>I |
| 7. | Mari's novel T-shaped incision in frenotomy technique with bilateral pedicle flap – an aesthetic approach                                      | J Oral Biol Craniofac Res, 14(6), 782–784 (2024) | First Author, Corresponding Author | S      |
| 8. | Frenectomy Managed by a Bilateral Pedicle Flap: A Case Report                                                                                  | Cureus, 16(10), (2024)                           | Fourth Author                      | I<br>S |
| 9. | Ternion Approach of Surgical Coverage in Single Tooth Recession: A Case Report on a Novel Technique                                            | Cureus, 16(10), (2024)                           | Fifth Author                       | I<br>S |

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|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------|
| 10.                                       | The Use of CAD/CAM Technology for Zirconia Crowns After Laser-Assisted Crown Lengthening and Retraction: A Case Report               | Cureus, 16(6), (2024)                                                                                         | Third Author                        | I<br>S      |
| 11.                                       | Impact of Metabolic Syndrome on the Risk of Periodontal Disease: An Analysis by Two Different Assessment Tools                       | African Journal of Biological Sciences, Vol.6 (2024)                                                          | Second Author, Corresponding Author | I<br>I<br>S |
| 12.                                       | Preserving Peri-Implant Soft Tissue Health: A Case Report on Immediate Implant Placement Using the Socket Shield Technique           | Cureus, 16(4), (2024)                                                                                         | Third author                        | I<br>S      |
| 13.                                       | Periodontal Plastic and Esthetic Surgery                                                                                             | Book chapter, 2024 (co-author)                                                                                | Fourth Author                       | I<br>C      |
| 14.                                       | Role of Piezoelectric Device in Periodontics                                                                                         | Book chapter, 2024, <a href="https://doi.org/10.22271/ed.book.2804">https://doi.org/10.22271/ed.book.2804</a> | First Author, Corresponding Author  | I<br>C      |
| 15.                                       | 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 (2023)                                           | First Author, Corresponding Author  | I<br>S      |
| 16.                                       | The Effect of Coconut Oil Pulling vs Chlorhexidine Mouthwash on Streptococcus mutans Count in Saliva – A Randomized Controlled Study | World Journal of Pharmaceutical Research, 12(5), 1698–1707 (2023)                                             | First Author, Corresponding Author  | I<br>S      |
| 17.                                       | In vitro Evaluation of Curcumin Oral Gel Antimicrobial gel                                                                           | Drug Invention Today, 13(1) (2020)                                                                            | First Author, Corresponding Author  | S           |
| <b>Memberships in Professional Bodies</b> |                                                                                                                                      |                                                                                                               |                                     |             |

| Sl.No | Name of the Professional Body                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | ASSOCIATE MEMBER at<br>INDIAN SOCIETY OF<br>PERIODONTOLOGY<br>AM/4366/21                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|       | <b>Training Programmes<br/>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> |

| Roles and Responsibilities |                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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> |

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|  | <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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| Awards Received 🏆 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl.No             | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                   | <b>Lectures Delivered / Scientific Presentations</b> <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> |
|                   | <b>Fellowship in Facial Aesthetics (FFA)</b><br>Awarded by the International Academy of Trichology & Aesthetic Medicine (IATAM), accredited by Aesthetics Accreditation International, USA.<br>Date of Award: 04 November 2024                                                                                                                                                                                                                                                                                                                                            |
|                   | <b>🏛️ Academic &amp; Institutional Roles</b> <ul style="list-style-type: none"> <li>• <b>Mentor for First-Year Undergraduate Students</b><br/> Actively mentoring first-year BDS students, providing academic guidance, career orientation, and personal support to ensure a smooth transition into dental education.</li> </ul>                                                                                                                                                                                                                                          |

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|  | <ul style="list-style-type: none"><li>• <b>IQAC – NAAC Criteria 2 In-Charge (Teaching-Learning and Evaluation)</b></li></ul> |
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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**