

## **CURRICULUM VITAE**

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### **EDUCATION AND QUALIFICATION**

**BDS** : July 2005, Pondicherry University, India.  
**MFDS RCSEd** : May 2012  
**ORE (Statutory Exam, GDC)** : September 2010  
**MDS (Oral Medicine and Radiology):** June 2009, Pondicherry University, India.

**REGISTRATION** : Registered Specialist Practitioner in Oral Medicine & Radiology - Dental Council of India.  
General Dental Council, UK

**MEMBERSHIP.** : Indian Academy of Oral Medicine and Radiology  
Royal College of Surgeons of Edinburgh  
British and Irish Society of Oral Medicine

### **TEACHING, WORK AND RESEARCH EXPERIENCES**

Associate Professor, Sree Balaji Dental College & Hospital, Chennai.

Research Scholar, The University of Leeds, UK.

Senior Lecturer, Saveetha Dental College and Hospitals, Chennai.

Clinical Teaching Fellow, The University of Manchester, UK.

Associate Dentist, National Health Service, UK.

Clinical Attachment, Manchester Royal Infirmary and Trafford General Hospital, UK.

Junior Resident, Mahatma Gandhi Postgraduate Institute of Dental Sciences, Pondicherry.

### **RESEARCH ACTIVITIES**

- Addressing Antimicrobial Resistance in dentistry. Mixed methods research in Collaboration with University of Leeds, UK.
- Experimental study to compare film-based and digital dental radiographs for quality and diagnostic accuracy.
- Prevalence study to evaluate the systemic diseases among patients attending the dental clinics.
- A clinical analysis to identify HIV/AIDS among dental patients, from their oral manifestations.
- “Mandibular bone remodelling as an indicator in gender determination – A Radiographic Study”.

## **RESEARCH PUBLICATIONS**

### **Journal Publications**

1. **Bhuvanaraghan A**, King R, Walley J, Thiruvenkatachari B, Aggarwal VR. Dental policies, Stewardship and Implementation – A Document Analysis in India. Community Dentistry and Oral Epidemiology, June 2024.
2. Thiruvenkatachari B, Chakkaravarthi S, Prathap M, Naveed N, **Bhuvanaraghan A**. Effectiveness of pre-alveolar bone graft orthodontics for patients with non-syndromic complete unilateral cleft lip, alveolus and palate: A systematic review and meta-analysis. Orthodontics and Craniofacial Research, 18 December 2023.
3. **Aarthi Bhuvanaraghan**, Rebecca King, Harriet Larvin, Vishal Aggarwal. The use and misuse of antibiotics in dentistry in India - A Systematic Review. Antibiotics 2021, 10, 1459.
4. Chaturvedula BB, Muthukrishnan A, **Bhuvanaraghan A**, Sandler PJ, and Thiruvenkatachari B. Dens Invaginatus: A review and orthodontic implications. British Dental Journal. In press
5. Sebastian B, **Bhuvanaraghan A**, Thiruvenkatachari B. Orthodontic space closure in sliding mechanics: a systematic review and meta-analysis. European Journal of Orthodontics. In process.
6. **Aarthi Bhuvanaraghan**. Are we using Cone Beam Computed Tomography appropriately for our dental patients. Int J Maxillofac Imaging 2019;5(2):26-31.
7. **Aarthi Bhuvanaraghan**, Jonathan Daniel M, Srinivasan SV, Karthikshree V Prasad. Pixel Strength and Digitization of Radiographs. Journal of Indian Academy of Oral Medicine and Radiology. 2007; 19 (4): 512-16.
8. **Aarthi Bhuvanaraghan**. Sjogren's syndrome – a case report. PONDENT, the quarterly dental bulletin of Puducherry. 2006; 2: 29-31.

## **PRIZES AND DISTINCTIONS**

- **Gold Medal in MDS Oral Medicine and Radiology with Grade A.**
- **'Paper of Appreciation Award'** at the VI Asian Congress on Oral and Maxillofacial Radiology & XVIII National Conference of IAOMR, Bangalore.
- **'Best Paper Award'** at the XIX National Conference of IAOMR, held at Chennai.
- **'Best Scientific Paper Award'** at the XX National Conference of IAOMR, held at Nellore.
- **University Topper in Oral Medicine and Radiology** in MDS examinations.
- **Merit Shield** from **Indian Academy of Oral Medicine and Radiology** for securing first rank (**University topper**) in Oral Medicine and Radiology in **BDS** examinations.

## **COLLABORATIONS**

1. Research collaborations with the **University of Leeds** and **Nuffield Centre for International Health and Development (WHO Collaborating Centre)** on Antimicrobial Resistance. Topic: Optimising antibiotic use in dentistry.

2. Academic Collaborations with University of Manchester DentMan Global Oral Health Forum (GOLF) – facilitating delivery of updated knowledge to low- and middle-income countries.
3. Collaborating with Cochrane Oral Health on Systematic Reviews.