

Personal Details	<b>Dr. Rajeev Arunachalam</b>
Academic Qualifications	Bachelor of Dental Surgery [BDS] - MGR Medical University Chennai. India Master of Dental Surgery [ MDS] - Bharath University, Chennai India
Administrative Duties	Dental Faculty Quality Assurance Committee[ Secretary] Dental Faculty Students & Alumni Advisory Committee [Member] Dental Faculty Library Committee [Member] Dental Faculty Corporate & Marketing Communication Team [ Member] Dental Faculty CMR Team [ Member]
Publications (last 5 years)	<ul style="list-style-type: none"> <li>➤ The Esthetic Salutation and Functional Acceptance of Maxillary Superimposed Prosthesis. World Journal of Dentistry, April-June 2016; 7(2):107-110.</li> <li>➤ Innovative Replication and Recuperation of Complex Torus Palatinus: A Prosthodontic Case Report. World Journal of Dentistry, October-December 2016; 7(4):208-212.</li> <li>➤ Effect of antiasthmatic drug on dental health- A comparative study. Journal of pharmacy and bioallied sciences, 2016 Vol.8/Supp issue1, S77.</li> <li>➤ Communicative and Psychologic Management Protocol for Aggressive Periodontitis. World Journal of Dentistry, January-February 2017; 8(1):67-70.</li> <li>➤ Periocutics in the management of Periodontal Disease. Journal of Young Pharmacists, 2017; 9(1):08-13.</li> <li>➤ Autoimmune Disorders – Immunopathogenesis and Potential Therapies. Journal of Young Pharmacists, 2017; 9(1):14-22.</li> <li>➤ “Ormocer an innovative technology”: A replacement for conventional cements and veneer? A comparative in vitro analysis. Eur J Dent. 2017 Jan-Mar; 11(1): 58–63.</li> <li>➤ An unusual complication after administering an inferior alveolar nerve block – A case report. Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology Volume 30, Issue 2, March 2018, Pages 151-153.</li> <li>➤ Influence of various surface treatments on the bond strength of ceramic veneered to digitized metal coping. Journal of Indian Prosthodontic Society, 01 Oct 2018, 18(Suppl 1):S26.</li> <li>➤ Clinical and Biochemical Valuation of Enzymatic and Nonenzymatic Stress Markers Following Full-mouth Disinfection in Aggressive Periodontitis. Journal of contemporary dental practice. J Contemp Dent Pract. 2019 Aug 1;20(8):952-956</li> <li>➤ Personalized dendritic cell therapy in the treatment of cancer-A review. Journal of critical reviews, 2020 Vol. 7, issue 10, pg 2804-2811.</li> <li>➤ Cariogram challenge- Is it a preventive effective tool. Journal of Critical reviews, 2020 Vol. 7, Issue 10 pg 2859-64.</li> <li>➤ Management of isolated areas of gingival recession using lateral sliding flap sandwiched with subepithelial connective tissue graft- A case report. International Journal of Dentistry and oral science, 2020, vol. 7, Issue 10.</li> </ul>
On-going Research	➤ Discovery of novel benzimidazole analogues based nano-formulation for the treatment of periodontitis due to P.gingivalis: Study that encompasses

	<p>molecular docking, 3D-QSAR analysis, synthesis and silver nano-formulation of benzimidine analogues accompanied by toxicity analysis and in-vitro, in-vivo evaluation against gingipain -</p> <ul style="list-style-type: none"> <li>➤ Bruxocare- Designing a tangible time data biofeedback monitoring prototype for analyzing and treating bruxism [ <b>AIMST Internal grant</b>]</li> </ul>		
Completed Research	<ul style="list-style-type: none"> <li>➤ Discovering the oral microbiome diversity in the 3 major ethnic groups in Malaysia and understanding their functional signatures in relation to periodontitis, among smokers and non-smokers</li> <li>➤ Exploring Misconceptions regarding oral health aids in patients attending AIMST dental clinic and its correlation to oral hygiene status.</li> <li>➤ Knowledge and awareness regarding periodontal disease and its association with systemic disease among AIMST medical students and insight in periomedicine</li> <li>➤ Prospective index on relationship between body mass index and periodontal status among patients attending AIMST dental center.</li> </ul>		
Research Grants	<ul style="list-style-type: none"> <li>➤ Discovery of novel benzimidine analogues based nano-formulation for the treatment of periodontitis due to P.gingivalis: Study that encompasses molecular docking, 3D-QSAR analysis, synthesis and silver nano-formulation of benzimidine analogues accompanied by toxicity analysis and in-vitro, in-vivo evaluation against gingipain - <b>FRGS [AIMST University] FRGS/1/2018/SKK14/AIMST/01/1</b></li> <li>➤ Discovering the oral microbiome diversity in the 3 major ethnic groups in Malaysia and understanding their functional signatures in relation to periodontitis, among smokers and non-smokers- <b>FRGS [AIMST University] FRGS/1/2015/SG05/AIMST/03/2</b></li> </ul>		
Consultancy	2014	Consultant	Oral health awareness camp[AIMST Dental Students Association]
	2015	Consultant	Neo natal hospital visit- Oral health awareness camp[AIMST University]
	2016	Consultant	Oral health education for school children[AIMST health and Education Outreach Programme]
	2017	Consultant	Oral health education for school children[AIMST health and Education Outreach Programme]
	2018	Consultant	Oral health education for school children[AIMST health and Education Outreach Programme]
	2019	Consultant	Oral health awareness campaign 2019.
	2019	Consultant	Oral Screening Camp, Mydin Mall, Bukit Mertajam 2019.
Professional Membership	Indian Dental Association[IDA], Indian Society of periodontology[ISP], Malaysian society of periodontology [MSP]		

Supervision	<p><b>Appointed as Co-Supervisor</b> for below mentioned post graduate student:  Name: Alia Amalina binti Norharmi [ completed post-graduation]  Program: MSc Biotechnology  ID No.: S16060405  Faculty: Faculty of Applied Sciences  Title of the thesis: “Comparative Metatranscriptome Analysis of Oral Microbiome in Healthy and Periodontitis Patients”</p>
Teaching	<ul style="list-style-type: none"> <li>➤ Year 5 lectures, tutorials, preclinical simulation lab guidance and assessment, seminar evaluation, Clinical guidance and evaluation.</li> <li>➤ Conduct examinations [theory, Practical, clinical and viva] for year 2, 3, 4, 5 BDS undergraduate students.</li> <li>➤ Give lectures, tutorials, clinical sessions, lab sessions for year2, 3, 4 undergraduates,</li> <li>➤ Involve in research work, publication, guide the student research work, treat patients from outpatient and referral cases, and attend health camp.</li> </ul>
Areas of Expertise	Periodontology, General restorative dentistry
Contact Details	<a href="mailto:drrajeev@aimst.edu.my">drrajeev@aimst.edu.my</a> , 8536