

Personal Details	DR. RAMESH KUMARESAN
Academic Qualifications	<p>Bachelor of Dental Surgery (BDS) from Vinayaka Mission's Dental College, Salem, Tamil Nadu (under Dr.MGR Medical University – Tamil Nadu)</p> <p>Master of Dental Surgery (MDS)in Oral and Maxillofacial Surgery from K.L.E.S College of Dental Sciences, Belgaum, Karnataka (under Rajiv Gandhi University – Karnataka)</p>
Administrative Duties	Dean, Faculty of Dentistry
Publications (last 5 years)	<ul style="list-style-type: none"> • Ramesh K, Balamanikanda C, Navaneetha C, Priyadarshini K. Reliability and Validity of five radiographic dental-age estimation methods in a population of Malaysian Children. Journal of Investigative and Clinical Dentistry.2016 Feb;7(1):102-9. • Ramesh K, Sivakumar P, Jawahar D. The most Compatible Position of Operator for Mandibular Right Posterior Teeth Extraction. Plastic and Aesthetic Research. 2016;3:257-8. • Priyadarshini Karthikeyan, Nalini Aswath, and Ramesh Kumaresan. Plummer Vinson Syndrome: A Rare Syndrome in Male with Review of the Literature. Case Reports in Dentistry. 2017;Article ID 6205925. doi:10.1155/2017/6205925. • Ramesh Kumaresan, Vini Rajeev, Priyadarshini Karthikeyan, Rajeev Arunachalam. An Unusual Complication after Administering an Inferior Alveolar Nerve Block - A Case Report. Journal of Oral and Maxillofacial Surgery, Medicine and Pathology.2018;30(2):151-153 • Abidullah M, Kaur P, Karthikeyan P, Kumaresan R, Koppolu P, Kaur R. Assessment of different patterns of entry of mental nerve in mental foramen: A CBCT study. World J Dent 2018;9(5):382-386. • Kumaresan, Ramesh; Charl, Sharon Kaur; Sharon Lau Li Hwei; Han, Sheally; Karthikeya, Priyadarshini. A comprehensive radiographic evaluation on location of mandibular foramen as an indicator towards the success of inferior alveolar nerve block. International Journal of Clinical Dentistry. 2018;10(4):255-265. • Ramesh Kumaresan, C Balamanikandasrinivasan, Priyadarshini Karthikeyan, Vini Rajeev. Multiple Massive Maxillary Exostoses-A Case Report with Complete Denture Rehabilitation. Indian Journal of Public Health Research & Development.2019;10(2):186-190 • Priyadarshini Karthikeyan, Ramesh Kumaresan, Ravi Shankar BabuYelamanchi, Deepthi Mandava, Neeraja Turagam, Durgaprasadmudrakola. Oral Lichen Planus- A Review. Indian Journal of Public Health Research & Development.2019;10(6):236-239 • Prevalence of Supernumerary Teeth in Non-Syndromic Northern Malaysian Population. Singh S, Gupta K, Kumaresan R, Pendalya S, Kondreddy K, Karthikeyan P. East African School Journal of Dentistry Oral Medicine;2019;1(4):58-61. • Arunachalam R, Rajeev V, Kumerasan R, Kurra BS. Clinical and

	<p>Biochemical Valuation of Enzymatic and Nonenzymatic Stress Markers Following Full-mouth Disinfection in Aggressive Periodontitis. The Journal of Contemporary Dental Practice. 2019; 20(8):952–956.</p> <ul style="list-style-type: none"> • Priyadarshini Karthikeyan, Lau Peng Hoe, Koh Pei Yen, Lau Wen Weng, Ramesh Kumaresan. Prevalence of various morphological types of Condyle seen among Malaysian Ethnic groups using Conventional Orthopantomogram. Medical Science, 2019, 23(100), 869-875. • Priyadarshini Karthikeyan, Ramesh Kumaresan. Passive smoking in school children- A review. International Journal of Advanced Science and Technology, 2020, 29(6), 2287-2289 • Neeraja Turagam, Leh Hui Xin, Durga Prasad Mudrakola, Priyadarshini Karthikeyan, Ramesh Kumaresan, Ravi Shankar Babu Y, Mandava Deepthi. Bridging the gap with pier abutment using non-rigid connectors- A Case Report. JCR. 2020; 7(13): 3528-3537 • Ravi Shankar Babu Y, Mandava Deepthi, Priyadarshini Karthikeyan, Ramesh Kumaresan, Neeraja Turagam, Durga Prasad Mudrakola. Evaluation of middle and apical third of root canal space obturated with different percentages of gutta-percha cones. JCR. 2020; 7(13): 3520-3527
On-going Research	<ul style="list-style-type: none"> • Comparison of the efficacy of two different flap designs after surgical removal of mandibular third molars and their influence on periodontal health of adjacent second molar. • Prevalence of impacted permanent and supernumerary teeth except the third molar in patients attending AIMST University Dental Center – A radiographic study. • Vertical mandibular opening in patients attending AIMST University Dental Center. • Cheiloscopy, Rugoscopy and Dactyloscopy in establishing identity among three ethnic groups of Malaysian population. • Formulation of a regression model to estimate age from permanent molars in Malaysian population by average stage of occlusal tooth wear. • The antimicrobial efficacy of the disinfection methods used by the dental students for disinfecting extracted human teeth before pre-clinical use. • Salivary analysis of antioxidant profile, reactive nitrogen species and DNA oxidation in active and passive smokers. • Salivary analysis of antioxidant profile, reactive nitrogen species and DNA oxidation in growing children with dental diseases. • Comparison of efficacy of platelet-rich plasma (PRP) and platelet-rich fibrin (PRF) in enhancing the periodontal and osseous healing distal to the second molars following the surgical removal of impacted mandibular third molars.
Completed Research	<ul style="list-style-type: none"> • Radiographic analysis of status, level and angulations of impacted third molars among three ethnic groups of patients attending Faculty of Dentistry, AIMST University: A comparative study. • Comparison of the effectiveness of Lignocaine in permanent maxillary

	<p>incisors and first molar teeth removal performed with single buccal infiltration versus routine buccal and palatal injection.</p> <ul style="list-style-type: none"> • The evaluation of two radiographic methods for age determination of children in a Malaysian population – A retrospective study. • Analysis of Dental student’s perception and anxiety levels as both operator and recipient in relation to their first local anesthetic injection on fellow mates. • Factors affecting stress amongst AIMST Dental Students. • Dental students’ perceptions of the educational environment in AIMST University as measured by the Dundee Ready Education Environment Measure (DREEM). • A comparative study on radiographic analysis of mental foramen among the three ethnic groups of patients attending AIMST Dental Centre. • Assessing the Relation Between Mobile Phone Over-usage and its Effect on the Manual Dexterity of the Dental Students of in AIMST University.
Research Grants	<ul style="list-style-type: none"> • Salivary analysis of antioxidant profile, reactive nitrogen species and DNA oxidation in active and passive smokers – RM 10,000 • Salivary analysis of antioxidant profile, reactive nitrogen species and DNA oxidation in growing children with dental diseases – RM 10,000 • Comparison of efficacy of platelet-rich plasma (PRP) and platelet-rich fibrin (PRF) in enhancing the periodontal and osseous healing distal to the second molars following the surgical removal of impacted mandibular third molars – RM 6,000 • Bruxocare- Designing a tangible time data biofeedback monitoring prototype for analyzing and treating bruxism – RM 20,000 • Enhanced Real-time Visual Demonstration of Dental Procedures by Designing an Imaging System Based on Arduino and Windows – RM 20,000 • Promoting positive oral health behaviors in Malaysian children by developing age-appropriate and interactive game-based oral health education programs – RM 20,000 • Characterization of transformed salivary microbiota in the Malaysian Children Population who experience Environmental Tobacco Smoke exposure based on metagenomic and metatranscriptomic sequencing. – RM 190,000 •
Consultancy	Consultant Maxillofacial Surgeon in AIMST Dental Centre
Awards	<ul style="list-style-type: none"> • Gold and Bronze medal winner in International Invention & Innovation in Dentistry Competition 2020 organized by UiTM on 20th October 2020 • Bronze medal winner in International Invention & Innovation in Dentistry Competition 2019 organized by UiTM on 25th June 2019 • Best Poster Award at National Seminar on Oral Medicine & Radiology by Indian Academy of Oral Medicine & Radiology on December 2003 at Chennai.

Professional Membership	<ul style="list-style-type: none">• Life member of Indian Dental Association• Life member of Association of Oral and Maxillofacial Surgeons of India• Annual Member of Malaysian Dental Association• Annual Member of International Association of Oral and Maxillofacial Surgeons
Teaching	<ul style="list-style-type: none">• Dental Therapeutics• Pain Control in Dentistry• Oral and Maxillofacial Surgery• Forensic Odontology
Contact Details	drramesh@aimst.edu.my Extension - 8417