

## **Dr. Dinesh D.S**

### **Publications:**

- Comparative evaluation of antifungal activity of octenidine:an in vitro confocal laser study. Journal of contemporary dental practise 2020;21(8).
- Comparative evaluation of antimicrobial efficacy of toothpastes containing probiotic and neem as primary ingredient on salivary streptococcus mutans in melmaruvahur population: an in vitro study. Journal of pharmacy and bio allied sciences 2020;12(1).
- Dental caries status of children receiving highly active antiretroviral therapy (HAART). A mutlicentric cross-sectional study in Tamil Nadu, India. Journal of family medicine & primary care 2020;9(12)
- Complications during root canal irrigation and their management. BUJOD(Bhavnagar university journal) 2013;3(2)
- Finishing and polishing evaluation of novel dental composites after three body wear an in vitro scanning electron microscope study. International journal of current research 2017;9(1)
- Comparative evaluation of shear bond strength of a self-etch adhesive system and total-etch adhesive system to normal human permanent dentin with and without carisolv treatment. Pakistan oral & Dental journal 31(2):443-46.
- Endodontic management of upper central incisor using mineral trioxide aggregate and surgical decompression. Pakistan oral & Dental journal 32(1):135-37.

### **Chapter Publications**

- Novel corona virus and its implication in health – Scieng Publication: Recent Advances in Health care - Volume I
- Enterococcus faecalis and its significance in Endodontics – Scieng Publication: Recent Advances in Health Care -Volume II

### **Ongoing research**

- Comparison of antibacterial efficacy of Green Tea extract and Triphala as root canal irrigants against Fusobacterium nucleatum using Real Time PCR.
- Comparative evaluation of fracture resistance of endodontically treated teeth restored with FRC and biological post with two different core materials – An invitro study.

- Comparison of antimicrobial efficacy of Aloe vera, garlic and ginger as intracanal medicament against *Enterococcus Fecalis*- An In vitro Study.
- Comparison of mechanical properties of natural fiber reinforced composite and synthetic fiber reinforced composite – An In vitro study.

## **DR.Arun kulandaivelu**

### **Publications:**

- Histological changes in pulp after tooth preparation with high speed hand pieces and Er:YAG laser: A light-microscopic analysis. *J Oral laser application* 2010;10(1).
- A comparative analysis between Nd:YAG and CO2 laser for their sealing ability of dentinal tubules with and without fluoride varnish: An in vitro study. *Journal of dental lasers* 2012;2(6).
- Comparative evaluation of the effectiveness of Er:YAG laser and other IN-House refurbishing methods for reconditioning stainless brackets. *J oral laser application* 2019;9(2).
- Instrument retrieval technique: case report. *Endodontic bulletin* 2008;19.
- Retrieval of a separated instrument using Masseran technique. *J Conserv DENT* 2008;11(1).
- In-vivo comparative study for whitening GEL activation with diode laser and plasma ARC. *Journal of laser dentistry* 2010;4(1).
- Launch of dental lasers in rural areas. *Journal of laser dentistry* 2009;3(1).
- Evaluating the penetration depth of Nd:YAG laser in the root canal system- A microbiological study. *Journal of laser dentistry* 2009;3(1).

## Dr.Bindu Meera John

### Publications:

- Evaluation of the shear bond strength of composite resin to wet and dry enamel using dentin bonding agents containing various solvents. Journal of clinical and Diagnostic research 2017;11(1):ZC41-ZC44.
- Topographic effects of gutta-percha immersed in different concentration of sodium hypochlorite disinfection at different time interval: an atomic force microscopic study. International journal of oral health dentistry 2017;3(1):54-8.
- Comparative evaluation of carisolv with EDTA and sodium hypochlorite in removing the smear layer on radicular dentin using SEM- an in vitro study. Journal of Scientific dentistry 2021;2(2):11-8.
- Comparison of bond strength of pit and fissure sealant in permanent and deciduous molars. Journal of scientific dentistry 2014;4(1):3-8.
- Nanotechnology in adhesive restorative biomaterials. Ann Sbv 2014;3(2).
- Anticariogenicity of Stevia rebaudiana extract when used as a mouthwash in high caries risk patients: Randomized controlled clinical trial. World journal of dentistry 2017;8(5):1-6.
- Cariogenic microflora and pH in superficial and deep layers of occlusal carious lesions-A metagenomic analysis. Journal of advanced clinical & research insights 2017;4(4)
- Histological evaluation of human pulp capped with light cured calcium based cements: A randomized controlled clinical trial. Int J Sci Reo 2017;3(5):120-27.
- Root canal morphological variations of permanent mandibular second molars among patients reporting to private clinics in Vellore District, South India-an invitro cone beam computed tomography study. IJDSR 2019;2(3):320-29.
- COVID-19- an update on oral symptoms, newer variants, second wave and vaccination drive in india – A review. International Journal of Oral Health Dentistry. 2021; 7(3): 155-160.
- Comparative Evaluation of Neem, Cinnamon and its Combination as an Intracanal Medicament on E. Faecalis - An Invitro Real-time Polymerase Chain Reaction Study. International Journal of Current Research and Review. 2021;13(18):48-51.

### **Ongoing Research**

- Comparison of antibacterial efficacy of Green Tea extract and Triphala as root canal irrigants against *Fusobacterium nucleatum* using Real Time PCR.
- Comparative evaluation of fracture resistance of endodontically treated teeth restored with FRC and biological post with two different core materials – An invitro study
- Comparison of antimicrobial efficacy of Aloe vera, garlic, and ginger as intracanal medicament against *Enterococcus Faecalis*- An Invitro Study.
- Comparison of mechanical properties of natural fiber reinforced composite and synthetic fiber reinforced composite – An Invitro study.

### **Chapter Publications**

- Novel corona virus and its implication in health – Scieng Publication: Recent Advances in Health care - Volume I
- *Enterococcus faecalis* and its significance in Endodontics – Scieng Publication: Recent Advances in Health Care -Volume II

## **Dr. PRASANNA KUMAR**

### **Publications**

- A comparative study of antimicrobial efficacy of nisin, guduchi, chlorhexidine gel and calcium hydroxide as intracanal medicament against *enterococcus faecalis*. International journal of current and pharmaceutical research 2019;5(9):4563-66.
- Comparison of substantivity of anticariogenic property of polyphenol extract from canberry 0.2% chlorhexidine mouth wash. International journal of current and pharmaceutical research 2019;5(9):4567-70.
- Rehabilitation of severely resorbed flabby edentulous ridge with innovative impression technique case series. Journal of international oral health 2016;8(1):137-39.

- Necrotising sialometaplasia- rare case report in pediatric patient. International journal of current and pharmaceutical research 2018;4(6):3146-47.
- A sectional complete dentures for a patient with microstomia – case report. International journal of current and pharmaceutical research 2019;5(6):4293-96.
- Full mouth rehabilitation using hobos twin stage procedure – case report. Journal of dental and medical sciences 2019;18(8):40-55.

## **Dr. Srilekha J**

### **Publications**

- Radix entomolaris with Three distal Canals – A rare case report. Indian Journal of Dental Sciences. 2022;14:32-4.
- Comparative Evaluation of Bactericidal Effect of Silver Nanoparticle in Combination with Nd-YAG Laser against Enterococcus faecalis: An In Vitro Study. J Contemp Dent Pract 2020; 21 (10):1141-1145.
- An in vitro Study to Compare and Evaluate Microleakage and Compressive Strength of Two Different Types of Glass Ionomer Cements. Journal of Research and Advancement in Dentistry 2021;12(6):371-373
- COVID-19- an update on oral symptoms, newer variants, second wave and vaccination drive in india – A review. International Journal of Oral Health Dentistry. 2021; 7(3): 155-160.
- Comparative Evaluation of Neem, Cinnamon and its Combination as an Intracanal Medicament on E. Faecalis - An Invitro Real-time Polymerase Chain Reaction Study. International Journal of Current Research and Review. 2021;13(18):48-51.
- Restoring the dignity:Case reports of root perforation management. International Journal of Applied Dental Sciences 2017; 3(3): 171-174.
- Antibiotics in Endodontics: A concise review. International Journal of Applied Dental Sciences 2017; 3(4): 323-329.

- Ultraconservative treatment modalities for management of discoloured tooth: Case reports. International Journal of Applied Dental Sciences 2019; 5(2): 407-411.

### **Ongoing Research**

- Cone beam computed tomography analysis of canal transportation and canal centric ability of three 5<sup>th</sup> generation rotary Niti file - an vitro study

### **Chapters**

- Novel corona virus and its implication in health – Scieng Publication: Recent Advances in Health care - Volume I
- Enterococcus faecalis and its significance in Endodontics – Scieng Publication: Recent Advances in Health Care -Volume II

## **DR.KARTHIKEYAN. A**

### **Publications**

- Ridge augmentation meet for esthetics:an interdisciplinary approach. Int J Cur Res Rev 2017;9(2)
- Comparative evaluation of the antibacterial activity of calcium hydroxide in combination with 2% chlorhexidine and ozonated chlorhexidine against E Faecalis- an in vitro study. Int J Cur Res Rev 2018;10(2).
- COVID-19- an update on oral symptoms, newer variants, second wave and vaccination drive in india – A review. International Journal of Oral Health Dentistry. 2021; 7(3): 155-160.
- Comparative Evaluation of Neem, Cinnamon and its Combination as an Intracanal Medicament on E. Faecalis - An Invitro Real-time Polymerase Chain Reaction Study. International Journal of Current Research and Review. 2021;13(18):48-51.
- Novel management of hypersensitive dnetin using Propolis-based herbal desensitizing agents: an invitro scanning electron microscopic study. Journal of contemporary dental practice 2021;22(9):1030-34.

### Chapters

- Novel corona virus and its implication in health – Scieng Publication: Recent Advances in Health care - Volume I

### **Dr.Prashanth**

- Use of rotary Nickel Titanium endodontic instruments by dental practitioners in Pondicherry: A questionnaire-based study Dental poster Journal 2020;9(2):26.
- Comparative evaluation of tissue dissolving capacity of sodium hypochlorite, peracetic acid and in combination: An *In vitro* study Journal of interdisciplinary Dentistry 2021;11:68-72.

### Chapters

- Novel corona virus and its implication in health – Scieng Publication: Recent Advances in Health care - Volume I

### **Dr. P.Hema**

- Effect of remineralizing agents on resin-dentin bond durability of adhesive restorations: An *in vitro* study Journal of International oral health 2021;13(5):470-477.
- An in-vitro fracture strength assessment of endodontically treated teeth with different root end materials European endodontic journal 2021;6(3):319-324.