

<b>FACULTY COMPLETED RESEARCH PROJECTS</b>			
<b>Sr. No</b>	<b>TITLE OF THE PROJECT</b>	<b>INVESTIGATOR</b>	<b>Status</b>
1	Evaluation of efficacy of spreader selection on density of obturation of root canals done with warm vertical compaction and ultrasonic compaction of root canals	Dr. Manu Unnikrishnan	Completed
2	Indigenous cost effective sensor device for chairside assessment of occlusal forces in dental patients - A novel approach	Dr. Honap Manjiri Nagesh	Completed
<b>STUDENT COMPLETED RESEARCH PROJECTS</b>			
<b>Sr. No.</b>	<b>TITLE OF THE PROJECT</b>	<b>INVESTIGATOR</b>	<b>Status</b>
1	Comparative evaluation of sealing ability of Theracal LC, MTA, Biodentine when used as furcation repair material- UV spectrophotometric analysis	Dr Kalaiarasi (Post Graduate) Dr K Senthil Kumar Dr Anupama Ramachandran	Completed
2	Influence of wound exudate on antimicrobial effects of various intracanal medicament against E.fecalis - an invitro study	Dr Sankar(Post Graduate) Dr K Senthil Kumar Dr Anupama Ramachandran	Completed
3	Comparison of antibacterial efficacy of newer sustained release fillers incorporating CetylPyridinium chloride (CPC) with Calcium Hydroxide and Chlorhexidine as intracanal medicament – an invitro stud	Dr Sankar (Post Graduate) Dr K Senthil Kumar Dr Anupama Ramachandran	Completed

4	Knowledge, Attitude and Practice about White Spot Lesions among Dental Professionals - A Questionnaire Survey	Dr Revathy (Post Graduate) Dr Anupama Ramachandran Dr K Senthil Kumar	Completed
5	Efficacy of tooth bleaching with prior application of two different desensitizing agents- An Invitro study	Dr Revathy (Post Graduate) Dr K Senthil Kumar Dr Anupama Ramachandran	Completed
6	Evaluation of antimicrobial efficacy of 0.1% Octenidine Dihydrochloride – A randomized controlled trial.	Dr Shwetha (Post Graduate) Dr K Senthil Kumar Dr Anupama Ramachandran	Completed
7	Retention of fiber post in different dentin region using various bonding techniques-An Invitro study	Dr Yashini T (Post Graduate) Dr K Sadasiva Dr Manu Unnikrishnan	Completed
8	Pulpal response in Indian population-A comparative study	Dr Srividhya (Post graduate) Dr Anupama Ramachandran Dr K Senthil Kumar	Completed
9	Comparative evaluation of viability of Human periodontal ligament fibroblasts in HBSS, Milk, Tender coconut, ORS, Egg white and tap water as storage media at 4 different time intervals-An In-Vitro study	Dr Srividhya (Post graduate) Dr Anupama Ramachandran, Dr K Senthil Kumar	Completed
10	Assessment of knowledge, attitude and practice about finishing and polishing of composite restoration among various dental professionals - A Questionnaire survey	Dr Sankar (Post Graduate) Dr K Senthil Kumar Dr Anupama Ramachandran	Completed

11	Comparative evaluation of human pulp tissue dissolution by sodium hypochlorite, sodium hypochlorite combined with Etidronate and oxygen fluid with and without sonic agitation- An invitro study	Dr Revathy (Post Graduate) Dr. Sadasiva, Dr. Anupama Ramachandran	Completed
12	Neural Sensibility response among South Indian Population - An invivo study	Dr Srividhya (Post graduate) Dr. Sadasiva, Dr. Anupama Ramachandran	Completed
13	SEM evaluation of root dentin walls with variants of sodium hypochlorite - An invitro study	Dr. Yashini T (Post graduate) Dr. Sadasiva Dr. Anupama Ramachandran	Completed
14	Irrigation protocols-knowledge, attitude and practice among dental professionals in India: a web based survey	Dr Srividhya (Post graduate)	Completed
<b>FACULTY ONGOING RESEARCH PROJECTS</b>			
<b>Sr. No</b>	<b>TITLE OF THE PROJECT</b>	<b>INVESTIGATOR</b>	
1	Evaluation and assessment of obsessive compulsive disorder among Medical Dental and allied health professionals - A cross sectional comparative study	Dr. Sreeram S.R.	Ongoing
2	Comparative Evaluation of pulp tissue dissolution ability of sapindous Mukorossi and Sodium Hypoclorite – An In Vitro Study	Dr Sreeram SR	Ongoing
<b>STUDENT ONGOING RESEARCH PROJECTS</b>			

<b>Sr. No.</b>	<b>TITLE OF THE PROJECT</b>	<b>INVESTIGATOR</b>	<b>Status</b>
1	Comparative Evaluation of the pushout strength of gutta percha with MTA based, Resin based and Bio-active glass sealers after final irrigation with sodium hypochlorite - An invitro study	Dr. Praveen (Post graduate) Dr. Sadasiva Dr. Anupama Ramachandran	Ongoing
2	Antibiotic usage among general dentists, endodontist, other dental specialists, and postgraduates in India- a knowledge, attitude, and practices-based survey	Dr. Ramya (Post graduate) Dr. Sadasiva Dr. Anupama Ramachandran	Ongoing
3	Intentional Replantation - Knowledge, Attitude, and a practice-based survey among Endontists and Post-graduate students of Endodontics in India, United Kingdom and North America	Dr. Praveen (Post graduate) Dr. Sadasiva Dr. Anupama Ramachandran	Ongoing
4	Comparative Evaluation of Different Bio-ceramic materials for Vital pulp therapy in Permanent Adult mandibular molars: A Randomised Controlled Trial.	Dr. Praveen (Post graduate) Dr. Anupama Ramachandran Dr. Sadasiva	Ongoing
5	Influence of artificial wound exudate on the antimicrobial efficacy of various intracanal medicaments - an in vitro study.	Dr.Sangita (Post graduate) Dr. Anupama Ramachandran Dr. Sadasiva	Ongoing
6	Influence of emblica officinalis and punica granatum as endodontic irrigant on depth of penetration, microhardness and dentin erosion in comparison to the standard irrigant- an ex vivo, sem study	Dr. Deepika (Post graduate)	Ongoing
7	Evaluation of effect of spreader size and accessory cone selection in the efficacy of density of obturation with ultrasonic compaction of root canals – an invitro study	Dr. Nikesh S (Post graduate)	Ongoing

8	Comparative evaluation of surface properties of zirconium and titanium dioxide enriched zirconium after tooth brushing simulation and erosive challenge: an in vitro study	Dr. Nivetha (Post graduate)	Ongoing
9	The effect of N-acetyl cysteine and other irrigants as an endodontic irrigant on smear layer removal and microhardness of root canal dentin- an in vitro study	Dr. Deepika (Post graduate)	Ongoing
10	Comparative evaluation of anti microbial efficacy of Nitrofurantoin, calcium hydroxide, TAP and chlorhexidine against E faecalis at various dentinal depth- An invitro study	Dr. Nikesh S (Post graduate)	Ongoing
11	Comparative evaluation of dentin crack formation underscanning electron microscope and fracture resistance after root canal preparation using truanatomy files and other rotary files- An in-vitro study	Dr. Nivetha (Post graduate)	Ongoing
12	To develop an indigenous cast effective sensor device for quick chair side assessment of occlusal forces in dental patients- A novel approach	Dr. Perarivalan Dr. Anupama Ramachandran Dr. Sadasiva	Ongoing
13	Perception on root canal treatment amongst patients visiting Outpatient department – a KAP survey	Dr.Prashanth Dr. Anupama Ramachandran Dr. Sadasiva	Ongoing
14	Effect of Silver diamine fluoride and potassium iodide on the shear bond strength of dental adhesives to sound dentin	Dr.Athithi	Ongoing
15	Evaluation of remineralisation efficacy of biomine and novamin containing dentifrice on artificial enamel white spot lesions after pretreatment with chitosan nanoparticles:An in vitro study	Dr Sinduja S	Ongoing

16	Role of Blueberry and Hazelnuts as mouthrinse against dental plaque and dental caries	Dr. Sathya Priya L	Ongoing
17	Comparative evaluation of the local anesthetic activity of extract of Nigella sativa seed and its interaction at the site of injection in guinea pigs	Shirin Sumaya	Ongoing
18	Comparative evaluation of antimicrobial efficacy, chelating effect and the effect of sodium hypochlorite and titanium dioxide nanodispersion as root canal irrigants on depth of sealer penetration into the dentinal tubules – an invitro and exvivo SEM study	Dr. Priyadharshini	Ongoing
19	Comparative evaluation of mechanical properties, antibacterial activity and surface analysis of Cention N and nanoparticles TiO <sub>2</sub> enriched Cention N - an invitro SEM and EDS study	Sinduja R	Ongoing
20	Understanding the management of patients during COVID-19 pandemic - A KAP survey among dental undergraduate and postgraduate students	Joshni M	Ongoing
21	Understanding infection control during COVID-19 pandemic - A KAP survey among dental undergraduate and postgraduate students	Lakshana K.H.D	Ongoing
22	Effect of TiO <sub>2</sub> nanoparticles enriched Cention N on microleakage and color stability	Dr. Lakshmi Priya	Ongoing
23	Evaluation of ease of removal, dislocation resistance, microhardness and fracture resistance of radicular dentin using combination of calcium hydroxide and Zinc oxide nanoparticles as intracanal medicaments in root canal treatment	Dr. Alagu Priyadharshini	Ongoing