

Sri Ramakrishna Dental College & Hospital

Completed Research Projects

S.no	Year	Name of Principal Investigator	Department	Topics
1	2015	Dr Rajinikanth V	OMFS	Tumours of maxillary salivary glands
2	2015	Dr Suganthi M	OMFS	Evaluation of mandibular reconstruction techniques following resection of benign and malignant tumours in oral region
3	2015	Dr. Jayalakshmi .S	Conservative	Comparitive evaluation of efficacy of various intracanal irrigants on the elimination of biofilms –an invitro study
4	2015	Dr.Karthik S.H.	Conservative	Comparitive evaluation of efficacy of various re-treatment techniques in canals filled with gutta percha and different sealers
5	2015	Dr. Vimal Kumar	Conservative	Volumetric analysis of root fillings with gutta percha and different sealers
6	2015	Dr. Anisha N. Prasad	Orthodontics	Evaluationof deflection characteristic of mini implants following placement- an ex-vivo study
7	2015	Dr. Shireen Cox	Orthodontics	Changes in alkaline phosphatase levels in gingival crevicular fluid and saliva following en-masse retraction: a comparative study
8	2015	Dr. R.Muthukumar	Prosthodontics	Evaluation of peri implant stress on a mandibular single implant overdenture opposing maxillary natural and artificial dentition: a finite element analysis
9	2015	Dr. C. Manivasagan	Prosthodontics	Comparison of the effectiveness of incorporating retentive features for an mls coping fabricated for short clinical crown height
10	2015	Dr. Padmashini Gnanam	Prosthodontics	Comparison of the effectiveness of incorporating retentive features for an mls coping fabricated for short clinical crown height
11	2015	Dr Gayathri	Periodontics	A case control study on the association of human leucocyte antigen-b*15 allele with generalized aggressive periodontitis in an indian population
12	2015	Dr Sumathi	Periodontics	Treatment of multiple gingival recession in coronally advanced flap combined with button application
13	2016	Dr Venkateswari	Periodontics	A methodological approach to assess alveolar ridge preservation procedures

14	2016	Dr. C. Kumaran	Prosthodontics	Influence of connector design on fracture resistance of two commercially available all ceramic fixed partial dentures using cad/cam
15	2016	Dr. P. Megashyam	Prosthodontics	Effect of storage time on marginal fit of full crown patterns made of inlay wax, epoxy resin, autopolymerised pattern resin and light cured pattern resin
16	2016	Dr. M. Vishnu	Prosthodontics	In-vitro comparison of the porosity and permeability of two dental investment materials set under air pressure and its influence on surface of the cast metal
17	2016	Dr. Gayathri V	Conservative	A three phase study involving synthesis and characterisation of nanosealer ,their cytotoxic evaluation followed by antimicrobial efficacy assessment under confocal laser microscope –an ex-vivo study
18	2016	Dr.Meena	Conservative	Comparison of periapical status and endodontic treatment between type 2 diabetic and non-diabetic individuals –case control study
19	2016	Dr. Mohan Kumar .S	Conservative	An in-vitro evaluation of push out bond strength of two endodontic sealers to dentin using differnt chelating agents as final irrigants –an invitro study
20	2016	Dr Nanda Kumar	Periodontics	Effect of diode laser in the treatment of chronic periodontitis-a clinical and microbiological study
21	2016	Dr Shanmuga sundari	Periodontics	A randomized clinical trial to evaluate the efficacy of arimedadi oil pulling in plaque induced gingivitis and its effect on metabolic marker in gingival crevicular fluid
22	2016	Dr. Yasin	Orthodontics	Comparison of shear and tensile bond strength between laser etched brackets & mesh base brackets using nano bonding agents- an in-vitro study
23	2016	Dr Geetha M	OMFS	Psychological scope of patients towards orthognathic surgery
24	2016	Dr.Kiruthika.V	OMFS	Factors influencing fixation of plates infracture mandible- a clinical & biomechanical study
25	2017	Dr Sasi Kumar	Periodontics	Prevalence of candida albicans in chronic periodontitis patients
26	2017	Dr. V. Vijaya Priya	Prosthodontics	Comparative study to evaluate the incidence of midline fracture of maxillary complete denture opposing a mandibular complete denture with three variables; tooth position, frenum relief, palatal vault depth
27	2017	Dr. Remya Varghese	Conservative	Effect of various irrigants on wettability and pushout bond strength of a resin based root canal sealer
28	2017	Dr. Keerthana C	Conservative	Effect of various irrigants on wettability and pushout bond strength of an epoxy resin based root canal sealer – an invitro study

29	2017	Dr. Devina Dinakar	Conservative	Antimicrobial efficacy of various intracanal medicament on microbial biofilm
30	2017	Dr Gayathri	OMFS	Evaluation of orbital volume in unilateral orbital fracture using computed tomography
31	2017	Dr Saranya	Periodontics	Molecular signatures in infrared spectra of saliva in healthy, chronic and aggressive periodontitis
32	2017	Dr Asha	Periodontics	Prevalence and severity of periodontal disease in type 2 diabetes mellitus(non-insulin dependent diabetes mellitus) patients in Coimbatore city-an epidemiological study
33	2017	Dr Maria Subash Aaron	Periodontics	Effects of scaling and root planning on levels of 8-hydroxy deoxyguanosine(8-ohdg)in gingival crevicular fluid of chronic periodontitis patients with and without type 2 diabetes mellitus
34	2017	Dr. Khaniya Bharathan	Orthodontics	Photographic assessment of facial components in facial esthetics as perceived by orthodontists, artists an photographers- an in vivo study.
35	2017	Dr. Sangeeth	Orthodontics	Evaluation and comparison of salivary dehydroepiandrosterone (dhea) levels and cervical vertebral maturation stages at pre-pubertal, pubertal and post-pubertal stages of growth
36	2018	Dr. Geetha Kumari	Prosthodontics	Assessment of oral stereognosis and patient satisfaction in complete denture wearers - an in vivo study
37	2018	Dr. Priyanka Pradip	Prosthodontics	An in-vitro comparative study of the properties of dental stone models disinfected by incorporation technique and immersion technique
38	2018	Dr. Sruthi Priya M	Prosthodontics	Comparison of fracture resistance of severely attrited endodontically treated teeth with different core build-up materials – an in vitro study”
39	2018	Dr Parvathy Sachethanan	Prosthodontics	An in-vitro study to compare the wear of natural tooth against two commercially available zirconia materials
40	2018	Dr. Monicasri Kumar	Prosthodontics	The effect of various splinting materials on the accuracy of open tray implant impressionsan invitro comparative study
41	2018	Dr Ritika	Periodontics	Levels of pentraxin-3 in gingival crevicular fluid of patients with aggressive and chronic periodontitis-an invivo study
42	2018	Dr Fazal	Periodontics	Assessment of periostin levels in gingival crevicular fluid of patients with chronic periodontitis and comparison with the healthy subjects
43	2018	Dr Megha	Periodontics	Elucidation of the antioxidant status in response to non surgical periodontal therapy and post vitamin e supplementation in patients with chronic periodontitis-a randomized control trial

44	2018	Dr.Sakthivel	Conservative	To evaluate three novel coated tooth brushes on the surface texture of enamel – a 3d profilometric study
45	2018	Dr. Shalini	Conservative	Effectiveness of different matrix metalloproteinase inhibitors on bond strength of self etch adhesives –in vitro study
46	2018	Dr. Varshini	Conservative	Antimicrobial efficacy of different herbal extracts as intracanal medicaments against enterococcus faecalis –in vitro study
47	2018	Dr Karthick Rajan	OMFS	Evaluation of placement accuracy and angulation of dental implant using indigenous stent and intra oral radiographic positioning device-an in vivo and in vitro study
48	2018	Dr Santhoshi Revathy	OMFS	Comparative study on alveolar bone healing in post extraction socket versus healing aided with autologous platelet rich fibrin following surgical removal of bilateral mandibular impacted third molar tooth-a radiographic evaluation
49	2018	Dr. Indira	Orthodontics	Comparing deflection changes of mini-implants at different bone densities
50	2018	Dr. Neeraja	Orthodontics	Evaluation of smile esthetics using dimensional analysis – an in vivo study
51	2018	Dr. Mohamad Bava	Orthodontics	Reproducibility of natural head position in frontal and profile view photograph using mirror method with and without cephalostat- <i>an in-vivo study</i>
52	2019	DR Deepak Kumar.B	Prosthodontics	A comparative study to evaluate the effectiveness of two different surface treatments on the retention of zirconium crowns -an invitro study.
53	2019	DR S.Lawrance	Prosthodontics	A comparative evaluation of flexural strength of three commercially available flexible denture base resin - an invitro study
54	2019	DR R. Muthukeerthana	Prosthodontics	Effect of food stimulating agents on flexural strength of denture base resins - an invitro study
55	2019	Dr. Anagha C.S.	Conservative	Comparison of post obturation pain following single visit and multiple visit root canal treatment in diabetic and non-diabetic patients with irreversible pulpitis –an invivo study
56	2019	Dr. Mohamed Noorul Hasan	Conservative	Clinical performance of resin –modified glass ionomer cement and a flowable light cure composite in class v non-cariou cervical lesions :an invivo study
57	2019	Dr. Pon Mathini	Conservative	Comparative evaluation of coronal sealing ability among commercially available light cure temporary restorative material with conventional temporary restorative material –an invitro study
58	2019	Dr.Nimisha	Periodontics	Quantification of plastic remnants on titanium surface after instrumentation and evaluation of efficacy of its removal after irrigation by using a confocal microscope

59	2019	DR.E.Sindhu	Orthodontics	Efficacy of different remineralizing agents on artificially created white spot lesions
60	2019	DR.Mohnish Kumar	Orthodontics	Evaluation of cytotoxicity of 3 d printing materials on human gingival fibroblasts – an invitro study
61	2019	Dr.Harshad.S	OMFS	The hemodynamic effects of 2% lignocaine with 1:80,000 adrenaline versus 1:2,00,000 adrenaline in hypertensive patients undergoing minor oral surgical procedures: a prospective, randomized and double blinded study
62	2019	Dr. Preethi. A	OMFS	Prospective evaluation of ridge augmentation in the posterior maxilla by hydraulic pressure indirect sinus lift method
63	2020	Dr Cathryn Beryl Padma Felix	Prosthodontics	A Comparative Study On The Marginal Fit Of Metal Laser Sintered (MLs) Crowns Fabricated With Digital And Conventional Impression Techniques -An In Vitro Study
64	2021	Dr Sridevi K	Prosthodontics	A Comparative Evaluation Of Marginal Fit Of The Zirconia Copings Made With Conventional And Digital Impression Techniques -An In Vitro Study
65	2021	Dr Sheetal S Menon	Periodontics	Assessment and comparison of biomarkers for vascular endothelial damage (endocan and neopterin) in GCF and its effects on non surgical periodontal therapy - in health and periodontal disease
66	2021	Dr Indrajit M	Periodontics	Assessment Of Chromogranin A Levels In GCF In Patients With Chronic Periodontitis, With And Without Psychological Stress - A Clinical And Biochemical Study
67	2021	Dr. Shalini. M	OMFS	Comparative Evaluation Of 2.0mm Locking Plates Versus 2.0mm NON-Locking Plate System In Mandibular Fractures-A Prospective Clinical Study
68	2021	Dr .Jayasree Roja. R	Conservative	Comparison of fracture resistance of immature teeth filled with different root canal filling materials – an invitro study
69	2021	Dr .Mohamed Ashif Anifa.S	Conservative	Antibacterial property of different bioceramic root canal sealers on different bacterial species – an invitro study
70	2021	Dr. Revathi .P	Conservative	Clinical evaluation of post operative pain after the application of different irrigation methods – an invivo study
71	2021	DR.Ananthi Rajah	Orthodontics	Comparison of shear bond strength & adhesive remnant index between conventional brackets bonded with nano adhesive & adhesive pre-coated brackets – an invitro study
72	2021	DR.Shamara Aysha	Orthodontics	Evaluation & comparison of total metal ion released between ss brackets & ceramic brackets with metal inserts in artificial saliva at different pH levels-an invitro study

73	2018	Alice Nobelica (IV B.D.S)	Public Health Dentistry	Patterns of Out-of-Pocket Expenditure for Oral Healthcare among Sanitary Workers in Coimbatore, India
74	2018	Ms. Jemimah(IV B.D.S)	Public Health Dentistry	Dysfunctional Internet Behavior Patterns And Oral Health Status Among Teens
75	2019	Thirupugaz (1 st BDS)	Anatomy	Morphometric analysis of the foramen magnum