

COMPLETED MAJOR RESEARCH PROJECTS

S . No	Year	Name of the principal investigator	Title of the project	Name of the funding agency	Type (government/non-government)	Department of principal investigator	Year of award	Funds provided (in lakhs)	Duration of the project
1 .	2020-2023	Dr. Srija	Comparative evaluation of peri-implant tissues around early loaded versus delayed loaded implants	Self funded (major research)		Periodontics			Major research
2 .	2020-2023	Dr. Meghana	Peri-implant tissue changes following conventional delayed implant placement and in combination with connective tissue graft	Self funded (major research)		Periodontics			Major research
3 .	2020-2023	Dr. M.santosh Sahithi	The efficacy of diode laser activated indocyanine green photosensitizer as an adjunct to scaling and root planning in the management of chronic periodontitis	Self funded (major research)		Periodontics			Major research
4 .	2020-2023	Dr. G. Himaja	Estimation of salivary calcium, phosphorus, alkaline phosphatase and pH levels in periodontal health and disease -a cross sectional biochemical study	Self funded (major research)		Periodontics			Major research

5	20-20-23	Sri akhila	Comparative assessment of the biomechanical behaviour of various bioactive coatings at implant -bone interface: a fea study”	Self funded(major research)		Department of prosthodontics and crown & bridge			Major research
6	20-20-23	B. Sindhu	’Comparative evaluation of stress distribution at bone implant interface in implant supported, bar retained maxillary overdenture with different bar heights – a finite element analysis”	Self funded(major research)		Department of prosthodontics and crown & bridge			Major research
7	20-20-23	P. Gnana harshitha	Effect of incorporation of copper nanoparticles at varying percentages into irreversible hydrocolloid impression material on its tear strength and flow- a comparative study”	Self funded(major research)		Department of prosthodontics and crown & bridge			Major research
8	20-20-23	L.shourya	Comparative evaluation of stress distribution of tissue level and bone level abutment with different implant	Self funded(major research)		Department of prosthodontics and crown & bridge			Major research

			geometries- a fea study”						
9 .	20 20- 20 23	Samala srinath	Assessment of antimicrobial efficacy of silver and copper nanoparticles incorporated into irreversible hydrocolloid impression material in various percentages- a comparative study”	Self funded(major research)		Depart ment of prostho dontics and crown &bridge			Maj or research
1 0 .	20 20- 20 23	T. Shilpa	Comparative evaluation of different mechanical modifications on repaired acrylic teeth bonded to polymethyl methacrylate denture resins – an invitro study”	Self funded(major research)		Depart ment of prostho dontics and crown &bridge			Maj or research
1 1 .	20 20- 20 23	Dr. Heena firdous	Co-tive evaluation of three different rotary instrumentation systems for their centering ability using cone beam computed tomography: an invitro study	Self funded		Depart ment of conserv ative dentistr y & endodo ntics			Maj or research
1 2 .	20 20- 20 23	Dr. Jangala jahnavi	To evaluate pushout bond strength of various root perforation materials, with ecg shell	Self funded		Depart ment of conserv ative dentistr y &			Maj or research

			powder as a modifier: an invitro study.			endodontics			
13.	2020-2023	Dr. Katarupa	Stereomicroscopic evaluation of biological debris on contaminated endodontic instruments after subjecting to various cleaning protocols	Self funded		Department of conservative dentistry & endodontics			Major research
14.	2020-2023	Tejaswathy	Comparative evaluation of fluoride release and recharge capacity of esthetic restorative materials in different storage media : an invitro study	Self funded		Department of conservative dentistry & endodontics			Major research
15.	2020-2023	Dr. Nanditha Nandagiri	Effect of distilled water and artificial saliva on sorption and solubility of various luting cements: an invitro study	Self funded		Department of conservative dentistry & endodontics			Major research
16.	2020-2023	Dr. Pasupuri sirisha	Effect of two different intermediate irrigants on the pushout bond strength of bioceramic sealer with and without a root canal brush: an invitro study	Self funded		Department of conservative dentistry & endodontics			Major research

17.	2020-2023	Dr. Sai sri sudha k	Evaluation of elastic modulus and shrinkage stresses generated in different orthodontic adhesives – an invitro study	Self funded		Dept. Of orthodontics			Major research
18.	2020-2023	Dr. Chilukuriravali	Evaluation of chemical composition and load deflection properties of cu ni-ti archwires – an invitro study	Self funded		Dept. Of orthodontics			Major research
19.	2020-2023	Dr. Surendra kumar	Evaluation of the efficacy of different methods of sterilization for orthodontic materials – an invitro study	Self funded		Dept. Of orthodontics			Major research
20.	2020-2023	Dr. Pathurivenkatesonika reddy	Comparative evaluation of saltvary iga levels, ph, buffer capacity, flow rate and total antioxidant capacity in children withbthalassemia	Self funded		Department of pedodontics & preventive dentistry			Major research
21.	2020-2023	Dr. Ammulaswetha prakash	Comparative evaluation of plaque removal potential of manual, electrical and chewable toothbrush in children: a ret	Self funded		Department of pedodontics & preventive dentistry			Major research

22	2020-2023	Dr. Vanguru guna priya	Assesment of pain perception and anxiety levels in children after distraction using virtual reality(vr)technology during pulp therapy of primary molars	Self funded		Department of pedodontics & preventive dentistry			Major research
23	2020-2023	Dr. Battusri nivas	Evaluation of occlusal characteristics in primary dentition of pre-school children in khammam district, telangana state.	Self funded		Department of pedodontics & preventive dentistry			Major research
24	2020-2023	Dr. Kasukurthi snehthha	Clinical, radiographic and histological evaluation of zinc bioactive glass as a pulpotomy medicament in primary molar teeth: an invitro study.	Self funded		Department of pedodontics & preventive dentistry			Major research
25	2020-2023	Dr. Kalavathi sampath kumar	Mental index as an indicator of osteoporosis : a digital panoramic study.	Self funded		Oral medicine & radiology			Major research
26	2020-2023	Dr. Lavudiyaa deepak	Management of condylar fractures using two straight titanium locking plates	Self funded		Oral and maxillofacial surgery			Major research

27	2020-2023	Dr. Pashamtulasi	Midfacial degloving approach for the management of midfacial fractures	Self funded		Oral and maxillofacial surgery			Major research
28	2020-2023	Dr. Peddisohan simha	Comparative analysis between endosseous and basal implants	Self funded		Oral and maxillofacial surgery			Major research
29	2020-2023	Dr. Prathyusha reddy b	Management of parasymphysis fractures of mandible using modified titanium twin fork plate.	Self funded		Oral and maxillofacial surgery			Major research
30	2020-2023	Dr. Thota avinash	traditional treatment in treating large cysts of the jaws: a review on marsupialization'	Self funded		Oral and maxillofacial surgery			Major research
31	2020-2023	Dr. Bandarumounika	Assessment of oral health status and treatment needs of residents of old age homes hyderabad city: a cross sectional clinical study	Self funded		Public health dentistry			Major research
32	2020-2023	Dr. Bomma gani akhil	Assessment and comparison of oral health related quality of life before and after conventional prosthodontic treatment among patients	Self funded		Public health dentistry			Major research

			attending teaching dental institution in khammam						
33	2020-2023	Dr. Kanukuntla moukthika	Assessment of knowledge, attitude and practice of infection control methods among registered private dental practitioners in 5 cities across telangana: a cross sectional questionnaire based study	Self funded		Public health dentistry			Major research

COMPLETED MINOR RESEARCH

S . No	Year	Name of the principal investigator	Title of the project	Name of the funding agency	Type (government/non-government)	Department of principal investigator	Year of award	Funds provided(inr in lakhs)	Duration of the project
1	1	Dr. Vinay sagar	Evaluation of patient perception and bleeding during procedure in frenectomy a comparison of diode laser and scalpel techniques	Self funded (minor research)		Periodontics			Minor research
2	2023	Dr. Harshini	Polycystic ovarian syndrome	Self funded (minor		Periodontics			Minor research

			and chronic periodontitis -an epidemiological study	research)					
3	2023	Dr. Pravallika	Inflammatory gingivitis and its surgical management in a 60 yrs old female patient -a case report	Self funded (minor research)		Periodontics			Minor research
4	2023	Dr. Sushmitha rani, dr. Sonia, dr. Sindhu	Periodontal status in patients with rheumatoid arthritis – a clinical study	Self funded (minor research)		Periodontics			Minor research
5	2023	Dr. Bhargavai sai, dr. Lavan kumar	Periodontal status in patients with chronic obstructive pulmonary disease – a clinical study	Self funded (minor research)		Periodontics			Minor research
6	2020 - 2023	K rupa	Artemia salina as a tool to assess toxicity of various root canal sealers.	Self funded		Department of conservative dentistry & endodontics			Minor research
7	2020 - 2023	K tejaswi chowdary	Dead men do even tell filled tales.	Self funded		Department of conservative dentist			Minor research

						ry & endodontics			
8	20 20 - 20 23	N. Nanditha	Artemia salina as a tool to assess toxicity of various root canal sealers.	Self funded		Department of conservative dentistry & endodontics			Minor research
9	20 20 - 20 23	Jangala jahnavi	Dermatoglyphics – a noninvasive diagnostic tool in conservative dentistry.	Self funded		Department of conservative dentistry & endodontics			Minor research
10	20 20 - 20 23	Heena firdous	Comparative evaluation of three different rotary instrumentation systems for their centering ability using cone beam computed tomography: an invitro study (pilot study).	Self funded		Department of conservative dentistry & endodontics			Minor research
11	20 20 - 20 23	Pasupunuri shirisha	Effect of two different intermediate irrigants	Self funded		Department of conservative			Minor research

			on the pushout bond strength of bioceramic sealer with and without a root canal brush. (pilot study).			dentist ry & endodontics			
12	2021 - 2024	Shaik sana	Dead men do even tell filled tales.	Self funded		Department of conservative dentistry & endodontics			Minor research
13	2021 - 2024	M. Varshitha sindhu	Dermatoglyphics – a noninvasive diagnostic tool in conservative dentistry.	Self funded		Department of conservative dentistry & endodontics			Minor research
14	2021 - 2024	M. Bhashitha	A quantitative surface roughness analysis of three different resin composites after polishing.- an invitro study.	Self funded		Department of conservative dentistry & endodontics			Minor research
15	2021 -	Addagudi vignesh	Effect of various irrigating solutions	Self funded		Department of conser			Minor research

	20 24		on removal of orange brown precipitate using ultrasonic activation.			vative dentist ry & endod ontics			
1 6	20 22 - 20 25	Vangala arvind reddy	Artificial intelligence assisted endodontic s-a supportive system.	Self funded		Depart ment of conser vative dentist ry & endod ontics			Minor resear ch
1 7	20 22 - 20 25	Kolluri madhulatha	Regenerati ve endodontic ls: the future.	Self funded		Depart ment of conser vative dentist ry & endod ontics			Minor resear ch
1 8	20 22 - 20 25	Meghana reddy jangam reddy	Blood grouping as a diagnostic tool in predicting dental caries-an in vivo study.	Self funded		Depart ment of conser vative dentist ry & endod ontics			Minor resear ch
1 9	20 22 - 20 25	Godisala gowmya	Blood grouping as a diagnostic tool in predicting dental caries-an in vivo study.	Self funded		Depart ment of conser vative dentist ry & endod ontics			Minor resear ch

20	22	Srirangam sai sri	Artificial intelligence assisted endodontic s-a supportive system.	Self funded		Depart ment of conser vative dentist ry & endod ontics			Minor resear ch
21	22	Parreddy jnana pravalika	Regenerati ve endodontic s: the future.iono mer cement- an invitro study	Self funded		Depart ment of conser vative dentist ry & endod ontics			Minor resear ch
22	21	Dr. G.n.j.bindu	Evaluation of efficacy of different disinfection methods of essix orthodontic retainers— an invitro study	Self funded		Dept. Of orthod ontics			Minor resear ch
23	21	Dr. R. Manvitha	Effect of esthetic coating on mechanical properties of coated orthodontic archwires	Self funded		Dept. Of orthod ontics			Minor resear ch
24	22	N.sumanya	Collagen deproteiniz ation of primary dentin with phosphoric acid/sodiu m hypochlorit e mixture	Self funded		Depart ment of pedod ontics & preven tive dentist ry			Minor resear ch (comp leted)

25	2022	J.sadhana	Evaluation of salivary ferritin levels in children with beta thalassemia major and healthy children-	Self funded		Department of pedodontics & preventive dentistry			Minor research (completed)
26	2023	V.sravya(intern)	Knowledge , attitude & awareness among dental students on "5g"	Self funded		Public health dentistry			Minor research
27	2023	T.abhilash(intern)	Knowledge , attitude & awareness among dental students on "impact of films on youth"	Self funded		Public health dentistry			Minor research
28	2023	P.supraja(intern)	Knowledge , attitude & awareness among dental students on "work-life, study-balance and executive education"	Self funded		Public health dentistry			Minor research
29	2023	N.aravind(intern)	Knowledge , attitude & awareness among dental students on "silent	Self funded		Public health dentistry			Minor research

			heart-attacks"						
30	2023	Wasim akram(intern)	Knowledge , attitude & awareness among dental students on "temporom andibular disorders"	Self funded		Public health dentist ry			Minor research
31	2023	A.sai teja (intern)	Knowledge , attitude & awareness among dental students on "m-healthy and e-healthy"	Self funded		Public health dentist ry			Minor research
32	2023	K.madhumi tha(intern)	Knowledge , attitude & awareness of human identification and fingerprints among ug dental students	Self funded		Public health dentist ry			Minor research
33	2023	G.sravanthi(intern)	Knowledge , attitude & awareness regarding various veins among ug dental students	Self funded		Public health dentist ry			Minor research
34	2023	J.p.raviteja(intern)	Knowledge , attitude & practice regarding basketball sport	Self funded		Public health dentist ry			Minor research

			among ug dental students						
35	2023	J.renuka(intern)	Knowledge , attitude & awareness towards academic success and failure among ug dental students	Self funded		Public health dentist ry			Minor research
36	2023	K.pallavi(intern)	Implementation of digital dentistry in preclinical curriculum among ug dental students	Self funded		Public health dentist ry			Minor research
37	2023	K.sai pragna(intern)	Importance of gratitude a questionnaire based study among ug dental students in khammam	Self funded		Public health dentist ry			Minor research
38	2023	M.geethanjali(intern)	Strategies to manage patients with dental anxiety and dental phobia	Self funded		Public health dentist ry			Minor research
39	2023	D.snehitha(intern)	Knowledge regarding drugs prescribed for asthma and adverse	Self funded		Public health dentist ry			Minor research

			effects on dental health						
40	2023	G.sai krishna(intern)	Awareness of social norms to study in abroad, determinants & effects	Self funded		Public health dentistry			Minor research
41	2023	D.prathana(intern)	Knowledge regarding cross contamination of dental floss containers among ug dental students	Self funded		Public health dentistry			Minor research
42	2023	Ch.vasavi(intern)	Knowledge regarding vitamin d and stress fractures in sports: preventive & therapeutic measures	Self funded		Public health dentistry			Minor research
43	2023	Ch.praneetha(intern)	Knowledge regarding the benefits of yoga in dentistry among dental students	Self funded		Public health dentistry			Minor research
44	2023	D.jessica(intern)	Knowledge & assessment on the effects of carbonated drinks on	Self funded		Public health dentistry			Minor research

			dental health						
45	2023	V.rasagna(intern)	To access the effect of the coffee and tea consumption on health of students in dental college	Self funded		Public health dentist ry			Minor research
46	2023	Vennela (intern)	Perceptions and attitude among dental students towards violence against health care workers	Self funded		Public health dentist ry			Minor research
47	2023	Keerthana (intern)	Assessment of knowledge attitude and perception regarding online marketing among dental students	Self funded		Public health dentist ry			Minor research
48	2023	niharika(intern)	Assessment of knowledge, behaviour and sun protection practices among dental students	Self funded		Public health dentist ry			Minor research
49	2023	Preethi (intern)	Influence of modern life style on the health	Self funded		Public health dentist ry			Minor research

			of dental students						
50	2023	V.keerthiredy (intern)	Knowledge ,attitude and practice of probiotics for oral health among dental students	Self funded		Public health dentist ry			Minor research