

RESEARCH ACTIVITIES FROM 2023-2024

2023-2024			
S.No	Principal Investigator	Title of the project	Department
1.	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	Pedodontics & preventive dentistry
2.	Dr. Pathuri venkata sonika reddy	Comparative evaluation of salivary iga levels, ph, buffer capacity, flow rate and total antioxidant capacity in children withbthalassemia	Pedodontics & preventive dentistry
3.	Dr. Ammula swetha prakash	Comparative evaluation of plaque removal potential of manual, electrical and chewable toothbrush in children: a rct	Pedodontics & preventive dentistry
4.	Dr. Battusrinivas	Evaluation of occlusal characteristics in primary dentition of pre-school children in khammamdistrict,telangana state.	Pedodontics & preventive dentistry
5.	Dr. Kasukurth i snehttha	Clinical, radiographic and histological evaluation of zinc bioactive glass as a pulpotomy medicament in primary molar teeth: an invitro study.	Pedodontics & preventive dentistry
6.	Dr. Vemula Durga Naga Krishna Aparna	In vitro evaluation of root canal wall cleanliness in primary molars after preparaion with self adjusting file (SAF) M two Niti and final irrigation.	Pedodontics & preventive dentistry
7.	DR. Challa Sravya	Clinical comparision of egg shell derived nano-hydroxyapatite Incorporated carboxymethyl chitosan with Theracal as indirect pulp capping agents in primary molars.	Pedodontics & preventive dentistry
8.	DR. Kanuguka Abhishta	Improvement of mechanical and biological properties of glass inomer cements by flourinated graphine.	Pedodontics & preventive dentistry

9.	Dr. Kovuri Renusri	Is Bioactive Glass an Effective Agent in Pulp-capping Treatments?: A Randomized Controlled Clinical Trial with 6 months Follow-up.	Pedodontics & preventive dentistry
10.	Dr. Manchikatla Roopa	Nano-silver Fluoride at Higher Concentration for Caries Arrest in Primary Molars: A Randomized Controlled Trial	Pedodontics & preventive dentistry
11.	N.sumanya	Collagen deproteinization of primary dentin with phosphoric acid/sodium hypochlorite mixture	Pedodontics & preventive dentistry
12.	J.sadhana	Evaluation of salivary ferritin levels in children with beta thalassemia major and healthy children-	Pedodontics & preventive dentistry
13.	Dr. Vinay sagar	Evaluation of patient perception and bleeding during procedure in frenectomy a comparison of diode laser and scalpel techniques	Periodontics
14.	Dr. Harshini	Polycystic ovarian syndrome and chronic periodontitis -an epidemiological study	Periodontics
15.	Dr. Pravallika	Inflammatory gingivitis and its surgical management in a 60 yrs old female patient -a case report	Periodontics
16.	Dr. Sushmitha rani, dr. Sonia, dr. Sindhu	Periodontal status in patients with rheumatoid arthritis – a clinical study	Periodontics
17.	Dr. Bhargavi sai, dr. Lavan kumar	Periodontal status in patients with chronic obstructive pulmonary disease – a clinical study	Periodontics
18.	Dr. Srija	Comparative evaluation of peri-implant tissues around early loaded versus delayed loaded implants	Periodontics
19.	Dr. Meghana	Peri-implant tissue changes following conventional delayed implant placement and in combination with connective tissue graft	Periodontics

20.	Dr. M.santoshi sahithi	The efficacy of diode laser activated indocyanine green photosensitizer as an adjunct to scaling and root planning in the management of chronic periodontitis	Periodontics
21.	Dr. G. Himaja	Estimation of salivary calcium, phosphorus, alkaline phosphatase and ph levels in periodontal health and disease -a cross sectional biochemical study	Periodontics
22.	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''	Prosthodontics and crown &bridge
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''	Prosthodontics and crown &bridge
24.	L.shourya	Comparative evaluation of stress distribution of tissue level and bone level abutment with different implant geometries- a fea study''	Prosthodontics and crown &bridge
25.	Samala srinath	Assessment of antimicrobial efficacy of silver and copper nanoparticles incorporated into irreversible hydrocolloid impression material in various percentages- a comparative study''	Prosthodontics and crown &bridge
26.	T. Shilpa	Comparative evaluation of different mechanical modifications on repaired acrylic teeth bonded to polymethyl methacrylate denture resins – an invitro study''	Prosthodontics and crown &bridge
27.	Sri akhila	Comparative assessment of the biomechanical behaviour of various bioactive coatings at implant -bone interface: a fea study''	Prosthodontics and crown &bridge
28.	Tejaswi chowdary	Comparative evaluation of fluoride release and recharge capacity of esthetic restorative materials in different storage media : an invitro study	Conservative dentistry & endodontics
29.	Dr. Nanditha nandagiri	Effect of distilled water and artificial saliva on sorption and solubility of various luting cements: an invitro study	Conservative dentistry & endodontics

30.	Dr. Pasupunuri 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	Conservative dentistry & endodontics
31.	Dr. Heena firdous	Co -tive vealuation of three different rotary instrumentation systems for their centerng ability using cone beam computed tomography: an invitro study	Conservative dentistry & endodontics
32.	Dr. Jangala jahnavi	To evaluate pushout bond strength of various root perforation materials, with ecg shell powderas a modifier: an invitro study.	Conservative dentistry & endodontics
33.	Dr kata rupa	Stereomicroscopic evaluation of biological debris on contam1nated endodont ic tn struments after subjecting to various cleaning protmol	Conservative dentistry & endodontics
34.	K rupa	Artemia salina as a tool to assess toxicity of various root canal sealers.	Conservative dentistry & endodontics
35.	K tejaswi chowdary	Dead men do even tell filled tales.	Conservative dentistry & endodontics
36.	N. Nanditha	Artemia salina as a tool to assess toxicity of various root canal sealers.	Conservative dentistry & endodontics
37.	Jangala jahnavi	Dermatoglyphics – a noninvasive diagnostic tool in conservative dentistry.	Conservative dentistry & endodontics
38.	Heena firdous	Comparative evaluation of three different rotary instrumentation systems for their centering ability using cone beam computed tomography: an invitro study (pilot study).	Conservative dentistry & endodontics
39.	Pasupunuri shirisha	Effect of two different intermediate irrigants on the pushout bond strength of bioceramic sealer with and without a root canal brush. (pilot study).	Conservative dentistry & endodontics

40.	Shaik sana	Dead men do even tell filled tales.	Conservative dentistry & endodontics
41.	M. Varshitha sindhu	Dermatoglyphics – a noninvasive diagnostic tool in conservative dentistry.	Conservative dentistry & endodontics
42.	M. Bhashitha	A quantitative surface roughness analysis of three different resin composites after polishing.-an invitro study.	Conservative dentistry & endodontics
43.	Addagudi vignesh	Effect of various irrigating solutions on removal of orange brown precipitate using ultrasonic activation.	Conservative dentistry & endodontics
44.	Vangala arvind reddy	Artificial intelligence assisted endodontics-a supportive system.	Conservative dentistry & endodontics
45.	Kolluri madhulatha	Regenerative endodontics: the future.	Conservative dentistry & endodontics
46.	Meghana reddy jangam reddy	Blood grouping as a diagnostic tool in predicting dental caries- an in vivo study.	Conservative dentistry & endodontics
47.	Godisala gowmya	Blood grouping as a diagnostic tool in predicting dental caries- an in vivo study.	Conservative dentistry & endodontics
48.	Srirangam sai sri	Artificial intelligence assisted endodontics-a supportive system.	Conservative dentistry & endodontics
49.	Parreddy jnana pravalika	Regenerative endodontics: the future.ionomer cement- an invitro study	Conservative dentistry & endodontics

50.	Dr. Sai sri sudha k	Evaluation of elastic modulus and shrinkage stresses generated in different orthodontic adhesives – an invitro study	Orthodontics
51.	Dr. Chilukuriravali	Evaluation of chemical composition and load deflection properties of cu ni-ti archwires – an invitro study	Orthodontics
52.	Dr. Surendra kumar	Evaluation of the efficacy of different methods of sterilization for orthodontic materials – an invitro study	Orthodontics
53.	Dr. G.n.j.bindu	Evaluation of efficacy of different disinfection methods of essix orthodontic retainers– an invitro study	Orthodontics
54.	Dr. R. Manvitha	Effect of esthetic coating on mechanical properties of coated orthodontic archwires	Orthodontics
55.	Dr. Kalavathi sampath kumar	Mental index as an indicator of osteoporosis : a digital panoramic study.	Oral medicine & radiology
56.	Dr. Lavudiya deepak	Management of condylar fractures using two straight titanium locking plates	Oral and maxillo facial surgery
57.	Dr. Pasham tulasi	Midfacial degloving approachforthe management of midfacial fractures	Oral and maxillo facial surgery
58.	Dr. Peddi sohan simha	Comparative analysis between endosseous and basal implants	Oral and maxillo facial surgery
59.	Dr. Prathyush a reddy b	Management of parasymphysis fractures of mandible using modified titanium twin fork plate.	Oral and maxillo facial surgery

60.	Dr. Thota avinash	traditional treatment in treating large cysts of the jaws: a review on marsupilization'	Oral and maxillo facial surgery
61.	V.sravya(inter n)	Knowledge, attitude & awareness among dental students on "5g"	Public health dentistry
62.	T.abhilash(inte rn)	Knowledge, attitude & awareness 2among dental students on "impact of films on youth"	Public health dentistry
63.	P.supraja(inter n)	Knowledge, attitude & awareness among dental students on "work-life, study-balance and executive education"	Public health dentistry
64.	N.aravind(inter n)	Knowledge, attitude & awareness among dental students on "silent heart-attacks"	Public health dentistry
65.	Wasim akram(intern)	Knowledge, attitude & awareness among dental students on "temporomandibular disorders"	Public health dentistry
66.	A.sai teja (intern)	Knowledge, attitude & awareness among dental students on "m-healthy and e-healthy"	Public health dentistry
67.	K.madhumitha (intern)	Knowledge, attitude & awareness of human identification and fingerprints among ug dental students	Public health dentistry
68.	G.sravanthi(int ern)	Knowledge, attitude & awareness regarding various veins among ug dental students	Public health dentistry
69.	J.p.raviteja(inte rn)	Knowledge, attitude & practice regarding basketball sport among ug dental students	Public health dentistry

70.	J.renuka(intern)	Knowledge, attitude & awareness towards academic success and failure among ug dental students	Public health dentistry
71.	K.pallavi(intern)	Implementation of digital dentistry in preclinical curriculum among ug dental students	Public health dentistry
72.	K.sai pragna(intern)	Importance of gratitude a questionnaire based study among ug dental students in khammam	Public health dentistry
73.	M.geethanjali(intern)	Strategies to manage patients with dental anxiety and dental phobia	Public health dentistry
74.	D.snehitha(intern)	Knowledge regarding drugs prescribed for asthma and adverse effects on dental health	Public health dentistry
75.	G.sai krishna(intern)	Awareness of social norms to study in abroad, determinants & effects	Public health dentistry
76.	D.prathana(intern)	Knowledge regarding cross contamination of dental floss containers among ug dental students	Public health dentistry
77.	Ch.vasavi(intern)	Knowledge regarding vitamin d and stress fractures in sports: preventive & therapeutic measures	Public health dentistry
78.	Ch.praneetha(intern)	Knowledge regarding the benefits of yoga in dentistry among dental students	Public health dentistry
79.	D.jessica(intern)	Knowledge & assessment on the effects of carbonated drinks on dental health	Public health dentistry

80.	V.rasagna(intern)	To access the effect of the coffee and tea consumption on health of students in dental college	Public health dentistry
81.	Vennela (intern)	Perceptions and attitude among dental students towards violence against health care workers	Public health dentistry
82.	Keerthana (intern)	Assessment of knowledge attitude and perception regarding online marketing among dental students	Public health dentistry
83.	Niharika(intern)	Assessment of knowledge,behaviour and sun protection practices among dental students	Public health dentistry
84.	Preethi (intern)	Influence of modern life style on the health of dental students	Public health dentistry
85.	V.keerthireddy (intern)	Knowledge,attitude and practice of probiotics for oral health among dental students	Public health dentistry


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