

RESEARCH ACTIVITIES FROM 2024-2025

2024-2025			
S.No	Principal Investigator	Title of the project	Department
1.	Dr. Pravallika	Insulin like growth factor (igf) infused biodegradable fibresin management of grade iii furcation defects -a clinical study	Periodontics
2.	Dr. Harshini	Recombinant Human Bone Morphogenic Protein-2 (rhBMP-2) incorporated biodegradable sponge versus gel for treatment of intrabony defects – a clinical study	Periodontics
3.	Dr. Vinay Sagar	Comparision of soft and hard tissue changes with endosseous implant placement using flap and flapless techniques in the mandibular edentulous areas – a clinico-radiological study	Periodontics
4.	Dr. Pravallika	Treatment of periodontal osseous defect with Bio-oss xenograft and biodegradable IGF fibers	Periodontics
5.	Dr. Vinay Sagar	Gingivectomy as a Treatment Option for Gingival Enlargement Induced by Orthodontic Treatment: A Case Report	Periodontics
6.	Dr. Harshini	Periodontal regeneration using recombinant human bone morphogenetic protein -2 gel in grade II furcation defect :A case report	Periodontics
7.	Abba Raveena	A comparative evaluation of mechanical properties of poly (methyl methacrylate) with addition of zirconium oxide and silver nanoparticles by dual layered technique- a novel study	Prosthodontics and Crown & Bridge
8.	Bodduluri Manisha	“Additive influence of polyethylene and polypropylene fibers on flexural strength of heat cure acrylic resin- a comparative study”	Prosthodontics and Crown & Bridge
9.	Duddyala Vikram Raj	Comparative assessment of surface hardness and surface roughness of polymethylmethacrylate resin modified with inclusion of different forms of glass fibers- an invitro study	Prosthodontics and Crown & Bridge
10.	Neelarapu Sanjana Supriya	Evaluation of salivary ph on flexural strength of surface roughness of two commercially available high impact acrylic denture base resin- an in vitro study	Prosthodontics and Crown & Bridge

11.	Puli Divya	Stress distribution and deflection patterns of peek as mandibular major connectors – a finite element analysis	Prosthodontics and Crown & Bridge
12.	Shaik Sana	Depth of penetration of 10%bamboo salt, 3.8%silver diamine fluoride and calcium hydroxide against enterococcus faecalis: an invitro study	conservative dentistry & endodontics
13.	M A Sathar Shareef Abuzar	A Comparative Evaluation Of Microleakage In Class-V Cavities Restored with Ceramic Reinforced Glass Ionomer, NanoComposite and Cention-N : A Confocal Laser Scanning Microscopic Study	conservative dentistry & endodontics
14.	M. Varshitha Sundhu	Effect Of Calcium Hydroxide, 3-Mixtatin And Silver Diamine Fluoride as Intracanal Medicaments on Push out Bond Strength of AH Plus Sealer - An Invitro Study	conservative dentistry & endodontics
15.	M. Bhashitha	A comparative confocal microscopic evaluation on depth of penetration into dentinal tubules using Chloroquick , Citric acid and EDTA.	conservative dentistry & endodontics
16.	Taniya Maqsood	Assessment of different Chelating agents on wetting behaviour of resin based sealer and bioceramic sealer on intra radicular dentin	conservative dentistry & endodontics
17.	Dr. Arjumand Eltima Sultana	Immunohistochemical expression of FASCIN in oral squamous cell carcinoma	Oral pathology & microbiology
18.	DR. Ponugoti Satyanarayan a Rao	Immunohistochemical expression of SALL4 in oral squamous cell carcinoma	Oral pathology & microbiology
19.	Dr. M.S.Shashanth	Effect of Chitosan and Titanium dioxide nanoparticles coating on friction and surface roughness of orthodontic brackets and archwires – An invitro study	Orthodontics

20.	Dr. R. Manvitha	Effect of esthetic coating on physical properties and friction of orthodontic Archwires – An invitro study	Orthodontics
21.	Dr. G.N.J.Bindu	Evaluation of variability in torque expression between different rectangular wires and brackets – An invitro study	Orthodontics
22.	Dr. Monica Raj	Comparative evaluataion of three remineralisationagents,bioactive glass, nanohydroxapatite and casein phosphopeptide amorphous calcium phosphate fluoride based slurry on enamel erosion of primary teeth. In vitro study	pedodontics & preventive dentistry
23.	Dr. Sadhana Jukanti	Clinical comparisionof instrumentation time, obturation and radiographic quality of obturation using rotary file system and manual system for pulpectomy in primary molars.	pedodontics & preventive dentistry
24.	Dr.Narahari Sumanya	Evaluation of sweet solution sucrose, forprocedural pain managementin children:arandomizedcontrolled trial	pedodontics & preventive dentistry
25.	Dr.Beesa Chandrakant h	Evaluation of Serum Lactate Dehydrogenase in Oral Potentially Malignant Disorders and Oral Cancer- A clinicopathological study	Oral Medicine & Radiology
26.	B. Sashi Venkata Pratyusha	Modified 3 dimensional locking plate for the management of subcondylar fractures: a clinical study	Oral and Maxillo Facial Surgery
27.	Sai Teja Komma	Subciliary approach for infra orbital rim fixation	Oral and Maxillo Facial Surgery
28.	Nambi Nanda Kishore	To evaluate the efficacy of Z plate for the management of symphysis and parasymphysis fractures	Oral and Maxillo Facial Surgery
29.	Peri Hyagri Yasashwi	Versatility of curvilinear incision over the zygomatic arch in reduction and fixation of zygomatic arch fractures: a clinical study	Oral and Maxillo Facial Surgery
30.	M. S. Padmini	To assess the efficacy of two dimensional curved miniplate for the management of angle fractures	Oral and Maxillo Facial Surgery

31.	M.Harsha	Influence of dental neglect, oral health related knowledge, attitude and behavior on the oral health status of 12 - 15 year old adolescents in khammam city	Public Health Dentistry
32.	T. Pavani	Assessment of nutritional and oral health status and its impact on quality of life among 12 - 15 year old school going children in khammam city	Public Health Dentistry
33.	T.Pavani	Conglomeration of all the published article titles from different journals into their respective speciality association site - an opinion – based pilot study on faculty and post graduates in khammam, Telangana.	Public Health Dentistry
34.	M.Harsha	Are the viral dental trends circulated on social media dangerous ?? a kap study among gen Z, khammam, Telangana	Public Health Dentistry
35.	Dr Kodityala Bhargavi Sai	Evaluation of effectiveness of green tea mouth rinse on plaque accumulation and tongue coating in comparison with 0.2% chlorhexidine mouth rinse	Periodontics
36.	Dr Porika Lavan Kumar	Evaluation of effectiveness of green tea mouth rinse on plaque accumulation and tongue coating in comparison with 0.2% chlorhexidine mouth rinse	Periodontics
37.	Dr Sushmitha Rani	Anti-plaque and anti-inflammatory effects of curcumin gel as adjunct to Scaling and root planing: a clinical study.	Periodontics
38.	Dr Dadi Sindhu	Anti-plaque and anti-inflammatory effects of curcumin gel as adjunct to Scaling and root planing: a clinical study.	Periodontics
39.	Dr Bommagani Sonia	Ambras syndrome with gingival hyperplasia & its surgical management : a case report	Periodontics
40.	Dr Kodityala Bhargavi Sai	Comparison of modified vestibular incision subperiosteal tunnel access (m-vista) technique alone,(m-vista) with mucograft and (m-vista) with subepithelial connective tissue graft in the management of multiple root coverage	Periodontics

41.	Dr Porika Lavan Kumar	Comparitive evaluation of alendronate 1% gel and simvastatin 1.2% gel as local drug delivery in treatment of patients with chronic periodontitis and controlled type II Diabetes Mellitus	Periodontics
42.	Dr Sushmitha Rani	Comparative evaluation of fibroblast growth factor membrane and subepithelial connective tissue graft using molar or canine access (moca) technique in the treatment of gingival recession	Periodontics
43.	Dr Bommagani Sonia	Comparative evaluation of healing time influence on the outcomes on alveolar ridge preservation using demineralized freezed-dried bone allograft- a randomized control trial	Periodontics
44.	Dr Dadi Sindhu	Evaluation of clinical outcomes of periodontal therapy in patients with rheumatoid arthritis: a clinical study	Periodontics
45.	N. Chaitanya Kumar Reddy	To evaluate and correlate the relationship between different facial measurements and the total width of maxillary anterior teeth in the telangana population- an observational study	Prosthodontics and Crown & Bridge
46.	Dr. Gudivada Mounika	Evaluation of long term soft denture liner on its stability and water sorption when immersed in different storage media at various time intervals: a comparative study	Prosthodontics and Crown & Bridge
47.	Dr. D. Sreeja	To evaluate and correlate the relationship between different facial measurements and the width of maxillary central incisors in the telangana population- an observational study	Prosthodontics and Crown & Bridge
48.	Dr. Nagelli Sushma	Evaluation of contact angle and color stability of denture base resins on immersion in various forms of cellulose nanofibers- an invitro study	Prosthodontics and Crown & Bridge
49.	Dr. K. Nikhil	Assessment of flexural strength and surface hardness of polymethylmethacrylate provisional restorative material with the inclusion of titanium nano particles - an invitro study	Prosthodontics and Crown & Bridge

50.	Dr. Rachamalla Srilekha	Assessment of flexural strength and surface hardness of polymethylmethacrylate provisional restorative material with the inclusion of zirconium nano particles - an invitro study	Prosthodontics and Crown & Bridge
51.	Vangala Arvind Reddy.	Comparative Evaluation of Antimicrobial efficacy of Calcium Hydroxide and Graphene Oxide Mixed with various Nanoparticles In Root Canals Infected with E.Faecalis: An In-Vitro Study	conservative dentistry & endodontics
52.	Kolluri Madhulatha.	Effects of Various Dentin Moisture Conditions on the Depth of different sealer Penetration : An Invitro Confocal Laser Scanning Microscopy	conservative dentistry & endodontics
53.	Meghana Reddy Jangam Reddy.	Assessing the depth of Penetration of Gold, Silver And Copper Nanoparticles In Combination With Bioceramic Sealer – A SEM Study	conservative dentistry & endodontics
54.	Godisala Gowmya.	Influence of various Irrigants on the Root Dentin penetration using different root canal sealers-an invitro study	conservative dentistry & endodontics
55.	Srirangam Sai Sri.	Evaluation of Apical Extruded Debris During Root Canal Preparation using Rotary And Reciprocating Systems : An In-vitro study	conservative dentistry & endodontics
56.	Parreddy Jnana Pravalika	Evaluation of Shear Bond Strength of E-Mineral Trioxide Aggregate and Biodentine with Glass Ionomer Cement- An Invitro Study	conservative dentistry & endodontics
57.	Meghana Reddy Jangam Reddy	Evaluation of microhardness of Gold, Silver and copper reinforced nanoparticles in Bioceramic sealer-	conservative dentistry & endodontics
58.	Dr. Mathangi Gleshi Shakina	Estimation of serum Carcinoembryonic antigen levels in Oral squamous cell carcinoma	Oral pathology & microbiology

59.	Dr.Shaik Gousia Begum	Qualitative and Quantitative evaluation following Corrosion in As-received and retrieved Conventional and Self-Ligating Brackets-An In-Vitro Study	Orthodontics
60.	Dr. Rachamadugu. Sharmila	Evaluation of Enamel Surface Roughness after Residual Resin removal using different methods-An In-Vitro Study	Orthodontics
61.	Dr. Moin Firdaus	Comparison of Shear Bond Strength and Wear Resistance of different Composites used for bonding Attachments in Clear Aligners-An In-Vitro Study	Orthodontics
62.	Dr.Vemula durga naga krishna aparna	Evaluate the effect of primary teeth dentin pretreatment with inhibitors of matrix metalloprotein enzymes on the shear bond strength of compsite resin :an invitro study	pedodontics & preventive dentistry
63.	Dr.Challa. Sravya	Comparative evaluation of remineralization effect of egg shell powder and novamine on initial caries like lesion-an invitro study.	pedodontics & preventive dentistry
64.	Dr,Kanugula Abhishta	Comparative evaluation of different caries removal technique in dentin caries removal of primary teeth:Micro CT and SEM study.	pedodontics & preventive dentistry
65.	Dr.Kovuri Renu sri	Comparing the clinical performance of glass ionomer based sealant along with nanofilled resin coating versus filled resin sealant.	pedodontics & preventive dentistry
66.	Dr. Manchikanta Roopa	Comparative evaluation of clinical and radiographic outcomes of indirect pulp treatment with dilute silver diamine fluoride 1:10 versus light cure calcium hydroxide in primary teeth. A Randomized control trial	pedodontics & preventive dentistry
67.	Dr.Tulsham Manasa	Predicting Age From Mandibular 3 rd Molars using Demirjian's Revised Method and Kohler's Method – A Comparative Study.	Oral Medicine & Radiology

68.	Dr .E. Rakshana	Efficacy of topical Triamcinolone acetonide and topical Curcumin gel in management of patients with Recurrent minor aphthous ulcers.	Oral Medicine & Radiology
69.	Dr.P.Amith Kumar	Assessment of anterior loop of inferior alveolar nerve on Digital panoramic radiograph and Cone Beam Computed Tomography(CBCT)	Oral Medicine & Radiology
70.	Dr.Tulsham Manasa	Knowledge And Awareness Of Complementrary And Alternate Medicine For Oral Health-Care Management Among Dental Students	Oral Medicine & Radiology
71.	Dr .E. Rakshana	Assessing The Usability Of A Willingness To Quit Smoking Questionnaire In A Sample Of Active Tobacco Smokers : A Qualitative Study	Oral Medicine & Radiology
72.	Dr.P.Amith Kumar	Knowledge Of Radiation Protection Among Dental Students And Interns In A Dental Institution	Oral Medicine & Radiology
73.	Dr Harshitha Nalla	Orbital volume comparision in orbito-zygomatic complex fractures : a prospective study	Oral and Maxillo Facial Surgery
74.	Dr Sravani Nettem	Management of palatal fractures by transmucosal fixation – a prospective study	Oral and Maxillo Facial Surgery
75.	Dr Satya Gowtham Prabhudev Pulaparthi	Lag screw versus double ‘Y’ shaped miniplate for the fixation of mandibular fractures – a prospective study	Oral and Maxillo Facial Surgery
76.	Dr Mudavath Yashwanth	Management of mandibular angle fracture using single y- shaped titanium miniplate : a prospective clinical study	Oral and Maxillo Facial Surgery
77.	Dr Kothauppari Pavani Priya	Custom fabricated 2 dimensional locking plates for the management of all types of mandibular fractures irrespective of anatomic site – a clinical/pilot study.	Oral and Maxillo Facial Surgery
78.	Mattam Naga Bhavani	Assessment of Socio-behavioural factors on the Oral health status of school children aged 12 – 15 years in Khammam. Telangana. A cross – sectional study.	Public Health Dentistry

79.	Ramanaboyana Krupa	Assessment of psychological factors among 35-55 year old patients with periodontitis in Khammam , Telangana –a hospital based study	Public Health Dentistry
80.	Dr. Bandaru mounika	Assessment of oral health status and treatment needs of residents of old age homes hyderabad city: a cross sectional clinical study	Public Health Dentistry
81.	Dr. Bommagani akhil	Assessment and comparison of oral health related quality of life before and after conventional prosthodontic treatment among patients attending teaching dental institution in khammam	Public Health Dentistry
82.	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	Public Health Dentistry
83.	Dr. K. Sai Siri Reddy (intern)	Knowledge, awareness, and practices of complementary and alternative medicine for oral health-care management among dental students	Public Health Dentistry
84.	Dr. E. Prashanth (intern)	Knowledge, attitude of dental students towards Orthodontic treatment using 3D printed clear aligners	Public Health Dentistry
85.	Dr. D. Haritha Lakshmi (intern)	Students' attitudes and knowledge on pain and pain management in paediatric dentistry-An observational study	Public Health Dentistry
86.	Dr. M.Nalin Pramod (intern)	Assessment of knowledge regarding digital dentistry among undergraduate students	Public Health Dentistry
87.	Dr. Natana (intern)	Knowledge, Awareness and attitude about consciousness sedation among dental students	Public Health Dentistry
88.	Dr. A.Supritha (intern)	Knowledge, attitude and awareness regarding conservation and water consumption among dental students	Public Health Dentistry
89.	Dr.M.Jahnavi (intern)	Knowledge attitude and awareness regarding robotic dentistry among undergraduate dental students	Public Health Dentistry

90.	Dr. S. Vedavathi (intern)	Knowledge attitude and awareness regarding electronic health records among undergraduate dental students.	Public Health Dentistry
91.	Dr.K.Saketha (intern)	Knowledge attitude and awareness about chat gpt among dental students	Public Health Dentistry
92.	Dr.B.Hemima (intern)	Knowledge attitude and awareness of various consequences due to medical negligence among undergraduate dental students	Public Health Dentistry
93.	Dr. B.Geetha Niharika (intern)	Knowledge attitude and perception of dental students towards special care dentistry	Public Health Dentistry
94.	Dr.N.Sreevani (intern)	Knowledge attitude and opinion of dental students with the relationship between sense of humour and general health	Public Health Dentistry
95.	Dr. S.Jyotsna (intern)	Awareness and attitude towards patients with the effects of tobacco smoke and nicotine on cognition and the brain among undergraduate dental students	Public Health Dentistry
96.	Dr. T. Sumaiah (intern)	Knowledge and attitude regarding reducing barriers to order persons,use of dental services	Public Health Dentistry
97.	Dr. R.Padma Priya (intern)	Knowledge attitude and awareness towards patients with epilepsy among undergraduate dental students	Public Health Dentistry
98.	Dr. R.Poojitha (intern)	Awareness and attitude towards patients safety in dentistry development of a candidate 'Never event list' for primary care	Public Health Dentistry
99.	Dr. V.Mrudula (intern)	Assesment of behaviour and attitude among dental students on Life style changes after covid 19	Public Health Dentistry
100.	Dr. D.sanjana angel (intern)	Assesment of knowledge regarding water borne disease among undergraduate dental students	Public Health Dentistry
101.	Dr. A. Siri Chandana (intern)	Knowledge attitude and awareness regarding CBCT among dental students	Public Health Dentistry
102.	Dr. R.Kavya (intern)	Exploring the awareness attitude and practices of undergraduate students towards tooth brush contamination and disinfection	Public Health Dentistry

103.	Dr. P.Pranitha sai (intern)	Knowledge attitude and awareness towards radiological protection among undergraduate dental students	Public Health Dentistry
104.	Dr. M.Yamini (intern)	Knowledge, attitude and awareness towards eyeflu among undergraduate dental students	Public Health Dentistry
105.	Dr. P.Hamsika (intern)	Knowledge and awareness-Driven exploration of empathy among dental students: Stepping into patients shoes	Public Health Dentistry
106.	Dr. M.Supriya (intern)	Knowledge and assessment of biomimetic materials in dentistry among undergraduate students	Public Health Dentistry
107.	Dr. M.Sangeetha (intern)	Knowledge Awareness and compliance of personal protective equipment and measures among undergraduate dental students of South India	Public Health Dentistry
108.	Dr. M.S.L.S. Prvallika (intern)	Knowledge , attitude and awareness in role of dancing in educational process	Public Health Dentistry
109.	Dr.Sk.Rizwana (intern)	Knowledge and attitude regarding digital technology in oral health care and dental education	Public Health Dentistry
110.	Dr.P.Monisha (intern)	Knowledge, attitude and opinion of dental students on how to study effectively	Public Health Dentistry
111.	Dr.Udayasree (intern)	Knowledge and attitude of wearing white aprons at work place	Public Health Dentistry
112.	Dr. M. Sangeetha reddy (intern)	Knowledge and awareness regarding usage of alcohol in mouthwash and possible oral health concerns among undergraduate dental students	Public Health Dentistry


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