



SRI SIDDHARTHA ACADEMY OF HIGHER EDUCATION

(Deemed to be University Declared under Section 3 of the UGC Act, 1956)

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SRI SIDDHARTHA DENTAL COLLEGE & HOSPITAL

Agalakote, B.H. Road, Tumkur - 572107, Karnataka

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Web : www.ssdtumkur.org

Email: ssdtumkur@gmail.com



INSTITUTION RESEARCH COMMITTEE RESEARCH PROJECTS -2024-25

Sl. No.	Cat-Research Projects	Total Number	Remarks
1	RESEARCH PROJECTS -2024-25-PhD	3	Thesis
2	RESEARCH PROJECTS -2024-25-PGs	39	Dissertation & Short term research
3	RESEARCH PROJECTS -2024-25-Faculty	5	-
GRAND TOTAL		47	

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Institutional Research Committee
[Dr. Darshana B]

Principal/chairperson
IQAC
[Dr. Praveen B. Kudva]

Chairperson
Institutional Quality Assurance Cell
Sri Siddhartha Dental College
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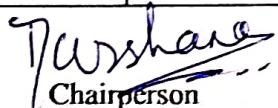
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INSTITUTION RESEARCH COMMITTEE FACULTY RESEARCH PROPOSAL-24-25

Sl No	Name of the Department	Name of the PI	Name of the CO-PI	Title of The Dissertation/Thesis	Ethical Number
1	Oral Medicine	Dr. Suhas S	-	Evaluation of therapeutic ultrasound treatment protocols for orofacial pain management.	SSDCHIEC/2025/11
2	Oral Medicine	Dr. Suchetha	-	Microbial dysbiosis in oral lichenplanus – Comparison between lesional & perilesional areas & healthy controls	SSDCHIEC/2025/12
3	Public Health Dentistry	Dr. Darshana B	-	Dental students perceptions on sustainable development goals & environmental sustainability in dentistry; A cross sectional survey	SSDCHIEC/2025/13
4	Pedodontics	Dr. Mahesh kumar K	Dr. Jyotsna V Setty	Evaluating anxiety levels & pain perception while administering local anaesthesia using conventional Insulin Novel Starpen device – A randomized controlled trial.	SSDCHIEC/2025/14
5	Prosthodontics	Dr. Raghavendra Prasad	Dr. K Anusha Ravindra	Composite occlusal registration - an innovative method for estimation of occlusal reduction in fixed prosthodontics	SSDCHIEC/2025/15


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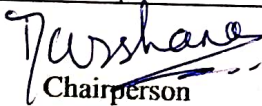
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Sl No	Name of the Department	Name of the PI	Name of the CO-PI	Title of The Dissertation/Thesis	Ethical Number
1	Oral Medicine	Dr. Suhas S	-	Evaluation of therapeutic ultrasound treatment protocols for orofacial pain management.	SSDCHIEC/2025/11
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5	Prosthodontics	Dr. Raghavendra Prasad	Dr. K Anusha Ravindra	Composite occlusal registration - an innovative method for estimation of occlusal reduction in fixed prosthodontics	SSDCHIEC/2025/15


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INSTITUTION RESEARCH COMMITTEE RESEARCH PROJECTS -2024-25-PhD

Sl No	Name of the Department	Name of the PhD Student	Name of The Guide	Title of The Dissertation/Thesis/Short studies	Ethical Number
1	Pedodontics	Dr. Mahesh kumar K	Dr. Jyotsna V Setty	Impact of mobile platform on oral health status & nutritional status of children aged between 8 – 12 years based on intelligence quotient & self-concept in rural and urban areas of Tumakuru	SSDCHIEC/2025/16
2	Prosthodontics	Dr. K Anusha Ravindra	Dr. Ramesh Chowdhary	Comparative evaluation of splinted & non splinted abutments with variable connections	SSDCHIEC/2025/34
3	Prosthodontics	Dr. Chethana K	Dr. Ramesh Chowdhary	Comparative evaluation of root canal treated teeth with various types of tooth loss restored with crown	SSDCHIEC/2025/35

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INSTITUTION RESEARCH COMMITTEE RESEARCH PROJECTS -2024-25-PGs

Sl No	Name of the Department	Academic Year	Name of the PG Student	Name of The Guide	Title of The Dissertation/Thesis	Ethical Number
1.	Prosthodontics	2025-28	Dr. Akanksha Kulkarni	Dr. Raghavendra Prasad	Comparative study of stress distribution among three TI base abutments with Feldspathic Ceramic and Monolithic Zirconia Crowns for Internal Connection Implants – A Finite Element Analysis.	SSDCHIEC/2025/01
2	Prosthodontics	2025-28	Dr. Naini Gupta	Dr. Padmaja S	Comparative Evaluation of Heat Polymerized (PMMA) denture base resin reinforced with Zirconium Oxide Nanoparticles with that of CAD-CAM milled denture base resin – An In-vitro study.	SSDCHIEC/2025/02
3	Conservative Dentistry	2025-28	Dr. Arati Oswal	Dr. Champa C	A CBCT based in vivo assessment of remaining dentin thickness in danger zones of mesial roots of mandibular first molars: A comparative study of reciprocating and rotary file systems.	SSDCHIEC/2025/03
4	Conservative Dentistry	2025-28	Dr. Ankita Vinayaraj	Dr. P Sharath Kumar	A comparative evaluation of post operative pain using different sealers in root canal treatment – An in vivo study.	SSDCHIEC/2025/04
5	Pedodontics	2025-28	Dr. Anushka Choche	Dr. Jyothsna V Setty	Comparative evaluation of antibacterial efficacy of metronidazole and its	SSDCHIEC/2025/05



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					combinations as irrigating solutions in root canals of primary teeth – A clinical trial.	
6	Pedodontics	2025-28	Dr. Utkarsh S Patil	Dr. V Rajashekar Reddy	Effectiveness of Potassium Iodide & Zinc in preventing silver diamine fluoride Induced tooth discoloration in primary teeth – A Comparative Clinical Study	SSDCHIEC/2025/06
7	Orthodontics	2025-28	Dr. Hrishikesh H K	Dr. Shailaja AM	Comparison of mandibular Sulcus contour and collum angle of maxillary central incisor with different types of malocclusion using Cephalometric Radiographs among Orthodontic patients in Tumkur population	SSDCHIEC/2025/07
8	Orthodontics	2025-28	Dr. Sneha Chattopadhyay	Dr. Chethan Kumar D	Maxillary Canine impaction angle - comparison and correlation of two different angular measurements – A retrospective study	SSDCHIEC/2025/08
9	Periodontics	2025-28	Dr. Laxmi Aswinkumar	Dr. Sateesh C P	Comparative evaluation of plaque control efficacy of two commercially available tooth brushes among trained and untrained groups – A randomized controlled clinical trial.	SSDCHIEC/2025/09
10	Periodontics	2025-28	Dr. Joytri Sarkar	Dr. Praveen B Kudva	Evaluation and comparison of two antibacterial coated absorbable sutures versus non coated absorbable sutures in periodontal flap surgery – A randomized	SSDCHIEC/2025/10



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					clinico – microbiological study	
11	Oral Surgery	2025-28	Dr. Shivani Sunil Anasane	Dr. Maheshkumar R	Novel design of Lambda plate based on Champy's line of Osteosynthesis Vs Conventional miniplate in mandibular parasymphysis fractures – A comparative study	SSDCHIEC/2025/31
12	Oral Surgery	2025-28	Dr. Snehasree Das	Dr. Ashokkumar K R	Novel Uni-plating system for two-point fixation in zygomatico-maxillary complex fractures Vs conventional miniplate – A comparative evaluation.	SSDCHIEC/2025/32
13	Pedodontics	2024-27	Dr. Dipali A Vetel	Dr. Jyothsna V Setty	The association of Excessive screen time on dietary pattern & oral health status in children of Tumkur aged between 3 – 12 years - A Cross sectional study.	SSDCHIEC/2025/17
14	Pedodontics	2024-27	Dr. Dipali A Vetel	Dr. Veena S	Comparison of reliability & efficiency of Downs, Steiners & Mcnamara Cephalometric Analysis between Digital (Ceph ninja) and Conventional method – Age between 12 – 15 year.	SSDCHIEC/2025/18
15	Pedodontics	2023-26	Dr. Prerana M	Dr. Veena S	Awareness and knowledge of relation between OXIS contact and ECC among pediatric dentists in Karnataka – A questionnaire study	SSDCHIEC/2025/19



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16	Pedodontics	2023-26	Dr. Nikhitha Elsa Shaji	Dr. Rajashekar Reddy	Comparative evaluation of Kedo Nano plus and Protaper Gold SX Rotary file in Pulpctomy procedure – A Clinical Trial	SSDCHIEC/2025/ 20
17	Pedodontics	2025-28	Dr. Anushka M Choche	Dr. Jyothsna V Setty	Comparative evaluation of ease of operator and patient acceptability while using three different isolation systems in children – A Clinical Trial	SSDCHIEC/2025/ 21
18	Oral Surgery	2024-27	Dr. Vishnupriya Kolla	Dr. Ashok kumar K R	Assessment of the efficacy of Amnion Chorion Membrane in enhancing wound healing after third molar extraction: A prospective study	SSDCHIEC/2025/ 22
19	Oral Surgery	2024-27	Dr. Vishnupriya Kolla	Dr. Supriyo Pal	Comparitive study of efficacy of Intraligamentary infiltration with Articaine & Lidocaine in maxillary first molar extraction	SSDCHIEC/2025/ 23
20	Oral Surgery	2024-27	Dr. Chinta Chetana Hota	Dr. Maheshkuma r R	Evaluation of efficacy of injectable platelet- rich fibrin in Oral Submucosis Fibrosis – A Prospective Clinical Study	SSDCHIEC/2025/ 24
21	Oral Surgery	2025-28	Dr. Snehasree Das	Dr. Ashokkumar K R	Efficacy of an electronic local anesthesia delivery system (Star pen) Vs Conventional Syringe – A comparative prospective clinical study	SSDCHIEC/2025/ 25
22	Pedodontics	2025-28	Dr. Arunkumar S	Dr, Veena Shivanna	Assessment of the effect of parental presence in first dental clinical procedures	SSDCHIEC/2025/ 26



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					on the anxiety levels of children aged 3-5 years	
23	Pedodontics	2025-28	Dr. Arunkumar S	Dr. Jyothsna V Setty	Awareness & knowledge of parents towards pediatric dental practice & procedures in Tumkur – A cross sectional study	SSDCHIEC/2025/27
24	Periodontics	2025-28	Dr. Jyotri Sarkar	Dr. Praveen B Kudva	Evaluation of anaesthetic efficacy of lignocaine lozenges during non-surgical periodontal therapy – A randomized split mouth trial.	SSDCHIEC/2025/28
25	Conservative Dentistry	2024-27	Dr. Sarfaraaz Ahmed S	Dr. Champa C	Freeze the pain: Exploring precooling site and cold anaesthetic solution for a smoother root canal experience in symptomatic mandibular molars.	SSDCHIEC/2025/29
26	Oral Surgery	2024-27	Dr. Chinta Chetana Hota	Dr. Maheshkumar R	A Comparative study of fixation systems in mandibular symphysis fractures: Miniplate Vs Uniplate	SSDCHIEC/2025/30
27	Pedodontics	2023-26	Dr. Dipali Vetel	Dr. Jyothsna V Setty	Evaluating the effect of combining reminder therapy with dental tune and disclosing on plaque control in children.	SSDCHIEC/2025/36
28	Pedodontics	2025-28	Dr. Utkarsh Sanjay Patil	Dr. Jyothsna V Setty	Topical fluoride updates in dentistry – Knowledge attitude and practice among dentist from South India.	SSDCHIEC/2025/37
29	Cons & Endo	2024-27	Dr. Alida	Dr. P Sharath	To evaluate & compare the coronal microleakage of	SSDCHIEC/2025/



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			Mullakkara	K	Orafil LC, Zinc oxide Eugenol (ZOE), and Cavit G in class II endodontic access cavities over a 7day period	38
30	Cons & Endo	2024-27	Dr. Nandukrishna	Dr. Sharathkumar P	Comparative analysis of the impact of chelating agents on root dentin microhardness: An invitro investigation	SSDCHIEC/2025/39
31	Cons & Endo	2025-28	Dr. Ankita Vinayaraj	Dr. P Sharath K	Invitro comparative evaluation of antimicrobial efficacy with phytochemical and antimicrobial pulp dissolution agents on E Faecalis & S Aureus.	SSDCHIEC/2025/40
32	Cons & Endo	2025-28	Dr. Arati Oswal	Dr. Champa C	An invitro Comparative assessment of three surface pretreatment protocols on adhesive resin infiltration and bond integrity in the sandwich technique: A confocal laser scanning microscopy and bond strength analysis following thermocycling & simulated salivary aging.	SSDCHIEC/2025/41
33	Cons & Endo	2023-26	Dr. David Biju	Dr. P Sharath K	A comparative evaluation of calcium hypochlorite and sodium hypochlorite on postoperative pain following single – visit root canal therapy: An in vivo study.	SSDCHIEC/2025/42



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34	Periodontics	2024-27	Dr. Jeeshma V Divakaran	Dr. Sanjay Venugopal	Rugoscopic analysis in the evaluation of periodontal disease: A cross sectional study	SSDCHIEC/2025/43
35	Oral Surgery	2024-27	Dr. Chinta Chethana Hota	Dr. Mahesh Kumar R	Supraorbital Rim Fractures In Maxillofacial Surgery Practice – A Retrospective Observational Analysis”	SSDCHIEC/2025/44
36	Oral Surgery	2025-28	Dr. Shivani Sunil Anasane	Dr. Mahesh Kumar R	Efficacy of Pregabalin, Methylcobamin, Nortriptyline Combination In Cases of Maxillofacial Nerve Injuries – A Clinical Study	SSDCHIEC/2025/45
37	Prosthodontics	2025-28	Dr. Akansha Kulkarni	Dr. Ramesh Chowdhary	Shade Matching Challenges In Dentistry: Human Perception Vs Digital Precision	SSDCHIEC/2025/46
38	Oral Surgery	2023-26	Dr. Chinta Chethana Hota	Dr. Mahesh Kumar	Rhino orbital cerebral Mucormycosis & Diabtetes Mellitus Kinship: A clinical Study with retrospective evaluation	SSDCHIEC/2024/73
39	Oral Surgery	2022-25	Dr. Varsha S	Dr. Mahesh Kumar	Comparative evaluation of three fixation techniques of immediate surgical obturators following maxillectomy.	SSDCHIEC/2024/74

Varshana

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