



PMS COLLEGE OF DENTAL SCIENCE & RESEARCH

(A Unit of NRI Service and Educational Trust)

Recognized by DCI, Affiliated to KUHS, Recognized under section 2(f) of UGC Act 1956 & KUHS Approved Research Centre



Funded Projects: 43

Total Amount Rs 126,184,000/-

Ongoing Projects

Total Amount (₹123.014 Lakh)

Total No. of Research Projects: 11

SI No	Name of the Investigators	Faculty/PhD /PG/UG	Project Number	Funding Agency	Title of the project and duration	Amount sanctioned (₹)
1.	Dr. Ambili R	Faculty	SRFSTCollege-2024/1709	TDB-Govt of INDIA	DST FIST-PG College Category	104,00000
2.	Dr. Reejamol	Faculty/PhD	37WS(0193)0202 3-24-EMRII-ASPIRE	CSIR(HRDG)	Comprehensive Evaluation of programmed cell death in periodontal health & Disease	13,71,400/-
3.	Ms. Vyshnavi T K guided by Dr. Sreeja C Babu	UG	STS2024-08766	ICMR	An evaluation of antibacterial effect on titanium implants surface modified with Strontium titanium oxide -An invitro study	60,000/-
4.	Ms. Sreelakshmi Sreekumar guided by Dr. Abha Nair	UG	STS2024-12024	ICMR	Evaluation of antifungal effectiveness of polymethylmethacrylate resin reinforced with small scale copper nano particles-an invitro study	60,000/-

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5.	Ms. Soofiya S guided by Dr. Manoj Prasad P G	UG	STS2024-13184	ICMR	Development of a glucose biosensor system on complete denture	60,000/-
6.	Ms. Lekshmi guided by Dr. Aswathy Kallaliel Vijayan Prasad	UG	STS2024-07572	ICMR	Prevalence of Oral Candidiasis and its association with Inhaled Corticosteroids among Bronchial Asthma Patients - An Analytical Crossectional Study.	60,000/-
7.	Ms. Nadiya Salam guided by Dr Ancy R J	UG	STS2024-08499	ICMR	Evaluation of Perception Regarding Incorporating Artificial Intelligence into Dental Treatment and Dental Education among Dental Students in Kerala	60,000/-
8.	Mr. Anantha Krishnan S.P Guided Prof. Dr.Sudeep S	UG	STS2024-10376	ICMR	Denture tracker for edentulous Alzheimer's patients	60,000/-
9.	Mr. ATHEESH K R Guided by Dr. Niranjana	UG	STS2024-3Y-03460	ICMR	Effect of irrigation with ozonized water during ultrasonic scaling in management of periodontitis- A randomised controlled clinical trial.	30,000/-
10.	Dr Irine Paul Guided by Dr. Ambili R	PG	ISP/2024	ISP- Research Grant	Microbial profiling of Dental Plaque around natural teeth compared to that of Dental Implants: A cross - sectional study	40,000/-
11.	Dr. Tony Daniel	PG	ICMR STS-MDS/2023-	ICMR		100,000/-

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ii Completed Projects:

Total Amount: 31,70,000

Total No. of Research Projects: 32

SI No	Name of PI	Faculty/PhD/PG/UG	Project Number	Funding Agency	Title of the project	Amount sanctioned
1.	Dr Ambili.R	Faculty	TiMeD/NIDHIPR AYAS/1(e) /2021-22	Department of Science and Technology(DST)	A novel oral bandage for for apthous ulcer	10,00,000
2.	Dr Anila S guidedby Dr Ambili.R	PhD	TiMeD/NIDHI PRAYAS/1(f) /2021-22	Departmentof Science and Technology (DST)	Development of a Biodegradable chip for controlled drug delivery of curcumin in the management of gum disease	10,00,000
3.	Dr. Ambili R	Faculty	KSCSTE	KSCSTE/2023	IPR Training (One Day Programme)	20,000/-
4.	Dr Annie Liz Guided by Dr. Ambili R	PG	ICMR STS-MDS/2023-	ICMR	Impact of chlorhexidine compared to a herbal mouthwash on antimicrobial resistance genes: a randomized control trial in patients with generalized gingivitis	50,000/-
5.	Dr Afsal. A	Faculty	00249/SPS65 /2021/KSCST E	Kerala State Council for science, Technology, and environment	Marginal leakage determination of four different direct restorative materials in class ii restoration using glucose infiltration: an invitro stereomicroscopic analysis	10,000/-
6.	Dr Rajesh Pillai	Faculty	00232/SPS65 /2021/KSCST	Kerala State Council for science, Technology and	Comparative evaluation of penetration depth and microhardness of resin infiltrant	10,000/-

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			E	environment	against conventional remineralizing agents on artificially demineralized enamel – invitro study	
7.	Dr Rajesh Pillai	Faculty	0247/SPS65/2021/KSCSTE	Kerala State Council for science, Technology and environment	Flexural strength of nanohybrid microhybrid and bisigma free composite as compared composite an invitro analysis	10,000/-
8.	Dr Deepu Leander	Faculty	00370/SPS65/2021/KSCSTE	Kerala State Council for science, Technology, and environment	Comparative evaluation of anti microbial efficacy of povidone iodine and chlorhexidine as pre procedural oral rinse in orthodontic patients	10,000/-
9.	Vyshnavilal UR Dr Guided by Ambili.R	UG	2022-10794	Indian Council of Medical Research (ICMR)	Designing a novel electric gum massager and to evaluate its clinical efficacy in reducing gingival inflammation in patients with generalized gingival inflammation	50,000/-
10.	Aparna Nair Guided by Dr Rakesh Koshy	UG	2022-0658	Indian Council of Medical Research (ICMR)	Prevalence of Patterns in third molar impaction among the Trivandrum population- a cross sectional study	50,000/-
11.	Shivadhath Guided by Dr. Ade rsh G A	UG	2023-10106	Indian Council of Medical Research	(Evaluating the Effectiveness of Different Tissue Adhesives following Mandibular Third Molar Extraction: A Comparative Study)	50,000/-
12.	Arya A Nambiar Guided by Dr. Sheeba H Gladstone	UG	2023-08963	Indian Council of Medical Research	(Development of an intraoral device for the assessment of hydration level of the body.)	50,000/-

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13.	Athira S Guided by Dr. Ambili R	UG	2023-08881	Indian Council of Medical Research	Exfoliative Cytological Analysis of Buccal Mucosa in Diabetes Mellitus for the Early Detection of Periodontitis)	50,000/-
14.	Nikitha Guided by Dr. Shiana Jo	UG	2023-09589	Indian Council of Medical Research	(Designing lightweight protective wear by reutilising lead foils from X Ray films for radiation protection and comparing its efficiency with commercially available wear)	50,000/-
15.	Navya Edavan Puliya Cheriyaath Guided by Dr. Arunima P R	UG	2023-15009	Indian Council of Medical Research	(An Artificial Intelligence based Predictive Analytical tool for Periodontitis - Diabetes Mellitus risk)	50,000/-
16.	Archa J Guided by Dr. Adarsh Jayan	UG	2023-09191	Indian Council of Medical Research	(Impact of COVID-19 vaccination ,its upcoming booster dose and associated oral health complication related perceptions and practices in young adults of South Kerala)	50,000/-
17.	Shradha Anil Kuzhivilayil Dr. George Skariah P	UG	2023-06078	Indian Council of Medical Research	(Artificial Intelligence : An Emerging Paradigm)	50,000/-
18.	Sreehari B Guided by Dr. Aswathy K Vijayan	UG	2023-01572	Indian Council of Medical Research	(Assessment of anxiety and depression in patients with Burning mouth syndrome: An Analytical Crossectional study.)	50,000/-
19.	Sona BIndu Guided by Dr. Pratheeksha V Nair	UG	2023-02426	Indian Council of Medical Research	(A comparative evaluation of antimicrobial activity of	50,000/-

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					three different plant extracts against Candidaalbicans - An in vitro study.	
20.	Fathima Shireen R guided by Dr Anna P Joseph	UG	KUHS-ST2024	Kerala University of Health Sciences-ST2	Difference in pH of normal resting saliva between children, teenagers and adults	10,000/-
21.	Anugraha S guided by Dr Seniya KM	UG	KUHS-ST2024	Kerala University of Health Sciences-ST2	Knowledge, Attitude, and Awareness among Parents of Type1 Diabetic Patients about the Risk of Development of Periodontal Disease	10,000/-
22.	Nadiya Salam guided by Dr Ancy RJ	UG	KUHS-ST2024	Kerala University of Health Sciences-ST2	Perceptions, views and practices regarding antibiotic prescribing and stewardship among dental practitioners, dental teaching faculty and junior residents in Kerala, South India	10,000/-
23.	Nasrin Nujum Guided by Dr Bhagyalekshmi	UG	KUHS-ST2024	Kerala University of Health Sciences-ST2	Fabrication and evaluation of antibacterial properties of a novel surgical suture coated with green synthesized chitosan nanoparticle using mimosa pudica extract – An invitro study.	10,000/-
24.	Sabarinath Bguided by Dr Ambili R	UG	KUHS-ST2024	Kerala University of Health Sciences-ST2	Knowledge, attitude, and perception of medical undergraduate students on the association between periodontal disease and systemic disease	10,000/-
25.	Rajeswari S Nair Guided by Dr Arunima PR	UG	KUHS-ST2024	Kerala University of Health Sciences-ST2	An Artificial Intelligence based predictive analytical tool for Periodontitis- Diabetes mellitus Risk	10,000/-
26.	Reshma C Guided by Dr Reeja MK	UG	KUHS-ST2024	Kerala University of Health Sciences-ST2	Comparative Evaluation of Antibacterial property in Microsutures coated with	10,000/-

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					Nanocurcumin and Povidone Iodine: An In-vitro study	
27.	Salima Anaz Sumayya Guided by Dr Aparna M Nair	UG	KUHS-ST2024	Kerala University of Health Sciences-ST2	Comparative Evaluation of Antibacterial Effect of Virgin Coconut Oil Compared to Chlorhexidine Mouthwash Against a Periodontal Pathogen - An In Vitro Study	10,000/-
28.	Thanveer S S guided by Dr Smitha C	UG	KUHS-ST2024	Kerala University of Health Sciences-ST2	Evaluation of Antibiofilm Activity of Phytofabricated Magnetic Iron Nanoparticles against Enterococcus Fecalis Biofilm	10,000/-
29.	Mau Deva Guided by Dr. AMitha	UG	KUHS-ST2024	Kerala University of Health Sciences-ST2	Comparing the Predictive Factors of Salivary Alpha- amylase and Dental Anxiety for Intraoperative Pain in Patients Undergoing Dental Extraction	10,000/-
30.	Athira Guided by Dr. Ananthalakshmi	UG	KUHS-ST2024	Kerala University of Health Sciences-ST2	Exfoliative cytological analysis of patients with Diabetes mellitus for early detection of periodontitis	10,000/-
31	Sivadhath Guided by Dr. Anjana Ravindran	UG	KSM-2023	Young Idea Conclave Kerala Start Up Mission	Gypsom Recycling Plant	200000/-
32	Sivadhath Guided by Dr. Adersh G A	UG	KSM-2023	Idea Fest Government of Kerala	ECOMORPH RESI	200000/-

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