

JSS DENTAL COLLEGE & HOSPITAL, S.S. NAGAR, MYSORE – 570 015
DETAILS OF THE RESEARCH PROJECTS - FACULTY

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	Grants received	Grants balance
1	Principal Investigator: Dr Meenakshi S Lecturer, Dept. of Prosthodontics Co-PI Dr Raghunath N, JSSDCH	An interprofessional approach to dental workplace ergonomics perspectives, principles and practices	3.00	VGST FDP Program	2 Yrs.	Submitted June-2024		
2	Principal Investigator: Dr Meenakshi S Lecturer, Dept. of Prosthodontics Co-PI Dr Riyaz Ali Osman Dr Dhakshaini M.R.	Development, formulation and characterization of sericin – chitosan natural polymer blends incorporated denture adhesive gel for geriatric denture wearers -randomized double clinical trial Equipment Rs.19.00	30.00	VGST	2 Yrs.	Submitted June-2024		
3	Principal Investigator: Dr Sreeshyla H S Lecturer Dept. of Oral Pathology CO-PI: Dr. Usha Hegde Dr Subba Rao Dr Sushma R, JSSDCH	Isolation and characterization of bioactive compounds from plant extracts for treating and prevention of oral diseases	45.00 Equipment's: 15.00	ICMR	3 Yrs.	Submitted March 2024		

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	Grants received	Grants balance
4	Principal Investigator: Dr. Usha Hegde Prof. & HOD Dept. of Oral Pathology CO-PI: Prof Rajesh Kumar Thimmulappa,JSSAHER Dr Usha Hegde, JSSDCH Dr Sreeshyla H S, JSS DCH Dr Vinay Kumar MB, JSSAHER	Development of oral pre-biotic product for improving oral health in high risk subjects by characterizing healthy oral microbiome	100.00 Equipment Rs. 20.00	ICMR	3 Yrs.	Submitted March 2024		
5	Principal Investigator Dr Kanika Singh Dhull Prof., Kalinga Institute of Industrial Technology, Co-PI: Dr Indira M D Lecturer Dept. of Pediatric & Preventive Dentistry	Maa Aur Shishu Mukh Swasthya Pariyojana (MaaSMSMSP)-Oral Health Integration in Maternal and Child Health: A collaborative Interprofessional Approach	158.00	ICMR		Submitted March 2024		
6	Principal Investigator Dr Gayatri Rangarajan Iyer Scientist-II, The Institute for genetics and society. Co-PI: Dr Indira M D Lecturer Dept. of Pediatric & Preventive Dentistry	Molecular diagnosis in cleft lip and palate-a window to identify genetic aetiology, plan appropriate management and develop targeted therapy	140.00	ICMR		Submitted March 2024		

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	Grants received	Grants balance
7	<p>Principal Investigator: Dr Arpit Gupta Post Graduate Institute of Medical Education and Research, Chandigarh</p> <p>Dr B Nandlal Prof., & HOD Dept. of Pediatrics & Preventive Dentistry</p>	Delivering oral health care to mother-child dyad through Anganwadi centres in India: A multisite study with pragmatic approach	70.00	ICMR	3 yrs.	Submitted March 2024		
8	<p>Principal Investigator: Dr Raghavendra Shanbhog</p> <p>Co-PI: Dr Thippeswamy Dr Subbarao MVSST Dr Chanchala HP Dr Deepa Bhat Dr Kishor M Dr B Nandlal</p>	Exploring metabolomic biomarkers and genome-wide DNA methylation in adolescents exposed to varied levels of fluoride and associating the same with their Intelligent Quotient and Internalizing-Disorder	10.446 Equipment 40.00	ICMR	3 yrs.	Submitted March 2024		
9	<p>Principal Investigator: Dr Chandrashekar B R Prof., & HOD Dept. of Public Health Dentistry</p> <p>CO-PI: Dr Suma S, JSSDCH Dr Saravanababu, Animal House</p>	Formulation, characterization and evaluation of a novel formulation to reduce nicotine withdrawal symptoms.	57.90 No Equipment	ICMR	3 yrs.	Submitted March 2024		

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	Grants received	Grants balance
10	Principal Investigator: Dr Sowmya S Lecturer Dept. of Prosthodontics	Therapeutic evaluation of propolis based chewable tablets in smoking induced human tongue squamous cell carcinomas	50.00	ICMR	3 Yrs.	Submitted March 2024		
11	Principal Investigator: Dr Suma S Reader Dept. of Orthodontics	Development and validation of a novel, innovative artificial intelligence-based algorithm to predict the diagnosis, personalized treatment plan and expected outcomes in orthodontics and dentofacial orthopedics	30.22	ICMR	3 Yrs.	Submitted March 2024		
12	Principal Investigator: Dr Rammohan, JSSCP Dr Mahesh K P (Co-PI) Reader Dept. of Oral Medicine	Developing a of oral squamous cell carcinoma	45.00	ICMR	3 Yrs.	Submitted 1.3.2024		
13	Principal Investigator: Dr Mahesh K P Reader Dept. of Oral Medicine CO-PI Dr Karthikeya Patil Dr Sushanth, FLS	Integrating Karnataka population with strategies to bridge the gap through artificial intelligence	85.00	ICMR	3 Yrs.	Submitted 1.3.2024		

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	Grants received	Grants balance
14	Principal Investigator: Dr Shyam Sundar Reader Dept. of Oral Surgery CO-PI Dr Brinda Dr Sudha Vellore Institute Technology	Advanced AI for automated measurement of alveolar bone dimensions relative to anatomical landmarks for precise dental implant planning: Integrating hybrid GAN and P-TransUNet frame work	83.75 Equipment Rs.8.50	ICMR	3 Yrs.	Submitted 29.2.2024		
15	Principal Investigator: Dr Bhagyalakshmi A Reader Dept. of Orthodontics	To assess breathing patterns of 6 to 9 year old children and develop an android based application for self-assessment of breathing pattern – ArcGIS software based study	64.95 Equipment Rs.7.10	ICMR	3 Yrs.	Submitted 20.2.2024		
16	Principal Investigator: Dr Nagabhushana D Reader Dept. of Oral Medicine CO-PI Dr Sushma R Dr Karthikeya Patil	Oral Manifestations of Tuberculosis: Step towards early diagnosis and prevalence	18.08 No Equipment	ICMR	2 yrs.	Submitted 20.2.2024		
17	Principal Investigator: Dr Anupama C Lecturer Dept. of Prosthodontics	Comparative evaluation of the oral and dental health status among patients with and without inflammatory bowel	37.91	ICMR	3 Yrs.	Submitted 15.2.2024		

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	Grants received	Grants balance
	CO-PI Prof Aradya HV Dr Ravi M B Dr Dhakshaini M R Dr Raghavendraswamy K N	disease (IBD)-A hospital bases study						
18	Principal Investigator: Dr Sushma R Lecturer Dept. of Public Health Dentistry CO-PI Dr Subbarao, JSSMC Dr Nagabhushan D Dr Sreeshyla H S	In vitro and In vivo assessment of the therapeutic potential of simarouba glance leaf extract for the treatment of oral squamous cell carcinoma (OSCC)	85.40513 Equipment Rs.27.00	ICMR	2 Yrs.	Sanctioned 7.2.2024 EM/SG/Dev/Res/ 117/6590-2023 (E-office-169914) 7.2.2024 Submitted April-2023	45.34949	
19	Principal Investigator: Dr Chandrashekar B R Prof. & HOD Dept. of Public Health Dentistry CO-PI Dr Sowmya S, JSSDCH Dr Suma S, JSSDCH Dr Vanitha Reddy P, FLS	Effectiveness of comprehensive oral health care services in improving the oral health status, oral health related quality of life and nutritional status among geriatric population residing at old age homes of Mysuru district – A prospective study.	45.54295	ICMR	3 Yrs.	Sanctioned No.5/4/2- 10/OH/2023- NCD-II 15.1.2024 Submitted August 2022	19.69749 (1 st Yr.)	
20	Principal Investigator: Dr Sathish R Professor, Dept. of Oral Surgery	Evaluation of efficacy and safety of aceclofenac + Paracetamol + Serratiopeptidase	7.83	IPCA lab, Mumbai		Sanctioned 30.01.2024 IpcA/APSP/PI V-21		

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	Grants received	Grants balance
		combination after impacted lower third molar surgery; A randomized, double blind comparison with aceclofenac+paracetamol combination						
21	Principal Investigator: Ms. Pavithra T Cauvery College of Life Sciences, Mysuru Co-PI: Dr Meenakshi S Lecturer, JSSDCH	Evaluation of red complex bacteria in geriatric denture wearers-aclinico-microbiological study	2.00 No equipment	RGUHS	2 Yrs.	Sanctioned 18.1.2024 Submitted Feb-2023		
22	Principal Investigator: Dr Ramith Ramu JSSAHER Co-PI: Dr Meenakshi S Lecturer Prosthodontics	Development and application of antimycotic self gelling probiotic powder targeting candida albicans infections in geriatric denture wearers and oroantral communication patients	42.00 Equipment Rs.10.00	ICMR	3 Yrs.	Sanctioned 15.1.2024	16.15124	
23	Principal Investigator Dr Pandareesh M D Asst. Prof. Adichunchanagiri University B G Nagara	Ag-ZnO nanogel: A novel promising approach for photocatalytic antimicrobial therapy	9.50	DST Nidhi Prayaas Scheme by SJCE STEP	12 Months	Sanctioned 25.11.2023		

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	Grants received	Grants balance
	Co-PI Dr Shyam Sundar S Reader Dept. of Oral Surgery							
24	Principal Investigator: Dr Indira MD lecturer Dept. of Pedodontics & Preventive Dentistry CO-PI: Dr Prashanth Vishwanath Dr Akhila Prashanth Dr Sunilkumar D Dr Prashanth S N Dr Shobha C R Dr Raveesh, KSTRI Dr Prabha Urs, KSTRI	Bridging healthcare gaps with Science and Technology Transforming the lives of tribal children in ashrama schools	136.29 Equipment Rs. 1.50	SEED Tribal Sub Plan (TSP)	3 Yrs.	Submitted 31.10.2023		
25	Principal Investigator: Dr Indira MD lecturer Dept. of Pedodontics & Preventive Dentistry CO-PI: Dr Prashanth Vishwanath Dr Chetak Dr Raveesh, KSTRI Dr Prabha Urs, KSTRI	Reaching the unreached to prevent early childhood caries-Tribal School Based Caries Preventive Programs (TSCPP)	55.35 Equipment Rs. 89,000/-	The borrow foundation	2 yrs.	Submitted 01.11.2023		

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	Grants received	Grants balance
26	<p>Principal Investigator: Dr Sowmya S Lecturer Dept. of Prosthodontics</p> <p>Co-PI: Dr Sushma R, JSSDCH Dr Chandan S, FLS Dr Dhakshaini M R, JSSDCH Dr Nagabhushan D, JSSDCH</p>	Formulation and evaluation of chewable propolis-probiotic tablets for optimizing elderly oral health: A multifaceted invitro and clinical investigation	48.58 No Equipment	SEED Technology interventions for disabled and elderly TIDE	3 Yrs.	Submitted Sept-2023		
27	<p>Principal Investigator: Dr Prathibha Shashikumar Reader Dept. of Periodontology</p> <p>Co-PI: Dr Neetha S Murthy</p>	Comparison of efficacy of a non alcoholic botanical mouth rinse with chlorehexidine glauconite mouth rinse in the treatment of gingivitis. A clinical and microbiological study	1.71092	Group Pharmaceuticals Ltd., B'lore	6 Months	Sanctioned 18.07.2023		
28	<p>Principal Investigator: Dr Chanchala H P Lecturer Dept. Of Pediatric & Preventive Dentistry</p> <p>Co-investigator Dr B Nandlal Dr Raghavendra Shanbhog Dept. of Pediatrics & Preventive Dentistry</p>	Evaluation of Oralife- A botanical non alcoholic oral rinse (BOR) on S Mutans in children	1.84	Group Pharmaceuticals Ltd., B'lore	6 Months	Sanctioned 18.07.2023		

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	Grants received	Grants balance
29	Principal Investigator: Dr Mahesh K P Reader Dept. of Oral Medicine	Tobacco production and oral cancer prevalence through geospatial with strategies to bridge the gap with artificial intelligence	96.00 Equipment Rs.60.00	ICMR	3 Yrs.	Submitted 20.07.2023		
30	Principal Investigator: Dr Shyam Sundar Reader Dept. of Oral Surgery	Customized reconstruction of craniofacial skeletal defects using 3D bioprinted scaffolds with novel osteo-angiogenic bioink containing chitosan rakthavalli conjugated hydroxyapatite nanostructures synthesized using mechanochemical bio hydrothermal technology	348.00	ICMR	4 Yrs.	Submitted 18.7.2023		
31	Principal Investigator: Dr Seema Deshmukh Reader Dept. of Pediatrics & Preventive Dentistry	Three dimensional morphometric evaluation of the alveolar changes induced by 3D bio-printed feeding appliances among cleft lip and palate affected infants – A follow up study	18.00 Equipment's 16.00	VGST K-FIST	3 Yrs.	Submitted June-2023		