

**Office of Research and Innovations  
Extramural Grants**

<b>Financial Year</b>	<b>Faculty</b>	<b>PI</b>		<b>Name of Faculty (Principal Investigator)</b>
2023-24	FDS	Dr. Chatura Mohan	ICMR	Use of Antimicrobial peptide GF17 and its Combination with Calcium hydroxide for Endodontic Disinfection
2023-24	SSS	Dr Indria	ICSSR	Intimate Partner Violence community Intervention through awareness , Advocacy and Action i
2023-24	FPH	Sindhu Abraham	DST	“NANO FORTIFICATION OF FLOUR FOR THE EFFECTIVE MANAGEMENT OF NUTRITIONAL DEFICIENCIES”
2023-24	SSS	Prathistha Battacharya	ICMR	"The Impact of Positive Aging Intervention on Flourishing of Elderly in India: A Pan-India Cluster Randomized Controlled Trial
2023-24	FPH	Tanmoy Ghosh	ICMR	Development of Antimicrobial polymer based seaffolds loaded with Rhbmp 2 for Bone Regeneration in Extraction Tooth Sockets
2022-23	FPH	Dr Deveswaran	KRASSSM	Assessment of P&P Components for Arecanut
2022-23	FPH	Dr. Saraswathi	AICTE	ATAL-FDP
2022-23	FMPS	Dr Deepak Kumar	SERB	Designing New Potential Catalyst
2022-23	FMPS	Dr. Niranjn Prabhu	LSRB	Grant - Development of Thermally Conductive Elasto
2022-23	FET	Dr. Mahesh K Varpe	VGST	Grant -VGST Enhancement of Aerodynamic Performance
2022-23	FET	Dr Anithakumari	AERB	Grant-Assesment of Liquefaction Potential..

**Office of Research and Innovations**  
**Extramural Grants**

2022-23	FDS	Dr Swetha Venkataramana	ICMR	Grant-Development & Charecterization Novel Phytosom
2022-23	FDS	Dr. Lalitha S Jayram	ICMR	Grant-Development of A Novel Mica-Based Oral Film
2022-23	PVC	Dr.Rahul M Cadambi	DAE	Grant-Development of Molybdenum Based Chalcogenides
2022-23	FPH	Dr. B V Basavraj	GETDF	Grant-Development of Reversible Cervix Plug
2022-23	FDS	Dr.Mahantesh	ICMR	Grant-Estimation of Serum Titanium Levels
2022-23	FET	Dr. Prem Kumar	SERB	Grant-Inorganic -Organic Hybrid Materials
2022-23	FMPS	Dr.Rajkumar Biswas	SERB	Grant-Investigation of Janus Monolayer for Flexible
2022-23	FLAHS	Dr. Tushar Shaw	ICMR	Grant-Nasopharyngeal Carriage of Streptococcus
2022-23	TC	Mr. Parikshit	ADA	Design and verification of destorsion measurement
2022-23	FAD	Dr. Mamatha Hegde	AERB	Design of Textile Waste Management
2022-23	FET	Dr.Praveen L S	LSRB	Grants-Development of AI Based Predictive Algorithm
2022-23	FET	Swathi prasad	KSCST	Grants-KSCST

**Office of Research and Innovations  
Extramural Grants**

2022-23	FMPS	Dr. Niranjan Prabhu	KSTA	Grants-KSTA
2022-23	FMPS	Dr.Uday Kumar	IPI	Reason and Remide under PPIRP
2022-23	FLAHS	Dr. Ektha Tripathi	DBT	Grants-Study of Ubiquitin mediated Telomerase regulation in Breast Cancer stem cells
2022-23	FET	Dr. Ananth S Iyengar	DAE	Grants-Thermal Neutron Scattering for Materials
2022-23	FLAHS	Dr. Swathi Sinha	VGST	Grants-To Study Effect of Mahanine A Carbazole Alk
2022-23	FMC	Dr. Savitha Kulkarni	TIFAC	Grant-TIFAC Technology Gap Analysis of Channapatna Toy
2021-22	FLAHS	Swati Sinha	VGST	To Study the effect of Mahanine, a Carbozole Alkoloid, on Metastasis in Androgen Independent Prostate Cancer
2021-22	FET	Mr. Abhilash N., and Dr. Ananth Iyengar	KSCST	Design, Development and Analysis for conversion of Domestic Food Waste to hydro char using Hydrothermal Carbonization
2021-22	FET	Mr. Pavan Kumar Reddy., and Dr. Ananth Iyenga		Development of Personal cooling unit for thermal comfort beneath the PPE kit for hospital staff working for COVID 19
2021-22	FLAHS	Dr. Chennappa gurikar, dr. Nanje gowda, n a		Development of advanced microbial fuel cells for domestic waste management and for electricity generation
2021-22	FLAHS	Dr. David h e, Dr. Chennappa Gurikar		A novel immune boosting synbiotic formulation for the effective management of covid-19
2021-22	FET	Dr. Divya B. S.		SERB Power

**Office of Research and Innovations  
Extramural Grants**

		Dr. Roopa S. Rao		Keratocysts from histopathological images of incisional biopsies
		Dr. Kavitha Prasad		
2021-22	SSS	Dr. Chetan B. Singai	ICMR	A Comparative Study of COVID-19 Vaccine Rollout Experiences in India, Chile, and the USA
2021-22	FDS	Dr. Pushpalatha	ICMR	Synthesis and Characterisation of A Novel Bio Active Theobromine Composite Resin as a Dental Restorative Material using Nanofiber Technology
2021-22	FMPS	Dr. Anantharamaiah P. N.	Science and Engineering Research Board	Design and Development of High Performance Magnetostrictive Cobalt Ferrite Thin Films for Sensors and Actuator Applications
		Dr. Srikari S.		
2021-22	FET	Dr. Ananth S. Iyengar	Board of Research in Nuclear Sciences	Thermal Neutron Scattering for Materials of Interest in Nuclear Reactors
2021-22	FDS	Dr. Ashmitha K. Shetty	ICMR	Development of a Smart Polymer Bio-conjugated with Human Umbilical Cord Blood Serum Proteins and its Regeneration Potential on Human Dental Pulp Cells
		Dr. R. Deveswaran		
2021-22	FDS	Dr. N. Shruthi	ICMR	Characterization of Liquid Platelet Rich Fibrin as a Novel Drug Delivery System for Mineral Trioxide Aggregate and Biodentine
		Dr. Sylvia Mathew		
		Dr. Pushpalatha G.		
2021-22	FDS	Dr. Mahantesha S.	ICMR	Estimation of Serum Titanium Levels in Individuals having Endosseous Titanium Dental Implants with and without Peri-Implantitis: A Clinical and Biochemical Study

**Office of Research and Innovations  
Extramural Grants**

		Dr. Ashwini S.		
		Dr. Kranti K.		
		Dr. Vibha Shetty		
		Dr. Bhavya B.		
2021-22	FMPS	Dr. T. Niranjana Prabhu	LSRB	Development of Thermal Conductive Elastomeric Composites for Liquid Cooled Garments to Mitigate Thermal Stress
		Dr. Jineesh A.G.		
2020-21	FET	Prof. Govind R. Kadambi	Indian Airforce 12 BRD	Indigenous Development of RAT Sensor
		Mr. D. Varun		
		Mr. Parikshith		
2020-21	FET	Prof. Govind R. Kadambi	Indian Airforce 12 BRD	Indigenous Development of HPRE CW Adapto Fwd and AFT for ELTA ASPJ ATE System
		Mr. D. Varun		
		Mr. Parikshith		
2020-21	FET	Prof. Govind R. Kadambi	LSRB	Development of AI Based Predictive Algorithms for Bionic Hand Action Recognitions
		Dr. Karthikeyan		

**Office of Research and Innovations  
Extramural Grants**

		Mr. Parikshith		
2020-21	FET	Dr. Anitha Kumari S. D.	Atomic Energy Regulatory Board	Assessment of Liquefaction Potential through Analytical Methods
		Ms. Nimmy Mariam Abraham		
		Mr. Abhishek P		
2020-21	FET	Dr. Punithavathi D.	Teachers Associateship for Research Excellence (TARE) - SERB	Development of Li-Fi Enabled Indoor Data Connectivity
2020-21	FDS	Dr. Sivaranjini Gali	India Alliance Fellowship	Experimental and Simulation Studies on Prediction of Crack Initiation and Propagation of Fracture in Dental Ceramic Restorations
		Dr. S. Srikari		
2020-21	FPH	Prof. V. Madhavan	Arecanut Research and Development Foundation	Arecanut Research and Development Foundation
		Dr. R. Deveswaran		
		Dr. R. Gowri		
		Dr. K. Sundara Saravanan		
2020-21	FHMCT	Ms. Priya Arjun	Xinova	Study on Nuts about Cheese
		Mr. Sreekanth N.		

**Office of Research and Innovations  
Extramural Grants**

		Mr. T. Raghavendra		
2020-21	FLAHS	Dr. Ekta Tripathi	DBT-Ramalingaswami Re-entry fellowship	Study of Ubiquitin Mediated Telomerase Regulation in Breast Cancer Stem Cells
2020-21	FMPS	Dr. Premkumar H. B.	SERB	Inorganic-Organic Hybrid Material for Anti-Counterfeiting Applications
2020-21	FMPS	Dr. Deepak Kumar	SERB	Designing the New Potential Catalysts Using High throughput DFT and Machine Learning Techniques
2020-21	FMPS	Dr. Manjunath S.O.	Teachers Associateship for Research Excellence (TARE) - SERB	Development of Tellurium-free, low-cost binary metal chalcogenides for thermoelectric applications
2019-20	FET	Dr. Sivapragasam	AR & DB	Aerodynamic Optimization of Fixed Wing at Transitional Low Reynolds Number for MAV Applications
2019-20	FET	Dr. Ananth S. Iyengar	Board of Research in Nuclear Sciences	Thermal Neutron Scattering for Materials of Interest in Nuclear Reactors
2019-20	FET	Dr. Srikari S.	Faurecia India Pvt. Ltd.	Fabrication of Thermal Barrier Coated Pipes
		Mr. Parikshith M.		
2019-20	FET	Dr. Raja	Mann and Hummel India Pvt. Ltd.	Air Quality Index in Rural Measure
2019-20	FMC	Dr. G. Devakumar	TIFAC-MSME	Technology Gap Analysis of Channapatna Toy Cluster

**Office of Research and Innovations  
Extramural Grants**

		Mrs. Savitha Kulkarni		
2019-20	FDS	Dr. Sivaranjini Gali	India Alliance Fellowship	Experimental and Simulation Studies on Prediction of Crack Initiation and Propagation of Fracture in Dental Ceramic Restorations
		Dr. S. Srikari		
2019-20	FDS	Dr. Ashmitha K. Shetty	ICMR	Development of a Smart Polymer Bio-conjugated with Human Umbilical Cord Blood Serum Proteins and its Regeneration Potential on Human Dental Pulp Cells
		Dr. R. Deveswaran		
2019-20	FDS	Dr. N. Shruthi	ICMR	Characterization of Liquid Platelet Rich Fibrin as a Novel Drug Delivery System for Mineral Trioxide Aggregate and Biodentine
		Dr. Sylvia Mathew		
		Dr. Pushpalatha G.		
2019-20	FDS	Dr. Mahantesha S.	ICMR	Estimation of Serum Titanium Levels in Individuals having Endosseous Titanium Dental Implants with and without Peri-Implantitis: A Clinical and Biochemical Study
		Dr. Ashwini S.		
		Dr. Kranti K.		
		Dr. Vibha Shetty		



**Office of Research and Innovations  
Extramural Grants**

		Dr. Bhavya B.		
2019-20	FDS	Dr. Shruthi N	IACDE	Proteomic Characterization of Induced Blood obtained during Revascularization Procedure and Co-relation with the Regenerative Outcome: A Proof-of-concept Study
		Dr. Swaroop Hegde		
2019-20	FPH	Dr. B.V. Basavaraj	VGST	Development of a Reversible Cervix Plug as a Novel Next Generation Contraceptive Device
2019-20	FMPS	Dr. T. Niranjana Prabhu	LSRB	Development of Thermal Conductive Elastomeric Composites for Liquid Cooled Garments to Mitigate Thermal Stress
		Dr. Jineesh A.G.		
2018-19	FET	Dr. Mahesh K. Varpe	Vision Group on Science and Technology (VGST)	Enhancement of Aerodynamic Performance of a Low Speed Wind Turbine for Offshore Power Generation
2018-19		Dr. Sunil Y.	Vision Group on Science and Technology (VGST)	Multi Stream Automatic Speech Recognition for Children's Speech Using Artificial Bandwidth Extension Algorithms
2018-19		Dr. Pallaviramsure	Vision Group on Science and Technology (VGST)	Performance Evaluation of UHF Cognitive Radio Links for Wireless Sensor Applications in Health and Precision Agriculture
2018-19		Dr. Anitha Kumari S. D.	Atomic Energy Regulatory Board	Assessment of Liquefaction Potential through Analytical Methods
	Ms. Nimmy Mariam Abraham			
	Mr. Abhishek P			

**Office of Research and Innovations**  
**Extramural Grants**

2018-19	FDS	Dr. Pushpalatha	Indian Council of Medical Research (ICMR)	Synthesis and Characterisation of A Novel Bio Active Theobromine Composite Resin as a Dental Restorative Material using Nanofiber Technology
2018-19	FMPS	Dr. Anantharamaiah P. N.	Science and Engineering Research Board	Design and Development of High Performance Magnetostrictive Cobalt Ferrite Thin Films for Sensors and Actuator Applications
		Dr. Srikari S.		
2017-18		Dr. Rahul Cadambi	Karnataka Council for Technology Upgradation	R & D Centre for Composite Materials and Technologies
		Dr. M. C. Muruges		
2017-18		Dr. S. Malathi	ISRO RESPOND	Design and Analysis of an Integrated Optic Microring Resonator Array based Sensor System for Detection of Multiple Gases
		Mr. Ugra Mohan Roy		
2017-18	FET	Dr. N. C. Mahendra Babu	Karnataka Council for Technology Upgradation	R & D Centre for Automated Farm Machinery Design and Development for Small Farmers
		Dr. A.C. Lokesh		
		Mr. Balappa.B.U		
		Mr. Anil Kumar. S		
2017-18		Prof. Govind R. Kadambi	LSRB	Design and Development of a Multi DOF Bionic Arm with Control Assist Mode Functionality

**Office of Research and Innovations  
Extramural Grants**

		Mr. L. S. Praveen		
2017-18	FDS	Dr. Parimala Sagar	VGST	Evaluation and Correlation of the Prognosis of Cystic Lesions to Decompression by Clinical, Histological, Radiographic Assessment and Molecular Marker Expression
2017-18		Dr. Roopa S. Rao	VGST	Prognostic Significance of ALDH1, Bmi1 & OCT4 in Oral Epithelial Dysplasia and Oral Squamous Cell Carcinoma
2017-18		Dr. Ratna Rao (Mr. Nagaraj)	TDF	Development of Optical Non-Invasive Glucose Monitoring Technology
2017-18		Dr. D. Venkatesh (Mr. Nagaraj)	TDF	Design and Development of Female Urine Collection Cup
2017-18		Dr. Sivaranjini Gali	TDF	Development of Electric Heating and Motorised Dispensing Device for Dental Impression Border Molding Process
2017-18		Dr. Sujatha S.	TDF	Real time Dosimeter with Tissue Damage Assessment
2017-18		Dr. Sujatha S.	TDF	Non Invasive Salivary Glucometer
2016-17		FET	Dr. Rahul M. Cadambi	Naval Physical and Oceanographic Laboratory (NPOL)
2016-17	Ms. Anusha Vadde		ABB Global Industries and Services Pvt. Ltd.	Design and Development on Clamp-on Electromagnetic Flow Meter
2016-17	Mr. Subbaramu S.		Aeronautics Research and Development Board (AR&DB) - Propulsion Panel	Performance Enhancement of a Single Stage Transonic Axial Compressor through Reduction of Tip Leakage and Secondary Flow Losses
2016-17	Dr. Arulanatham		Aeronautics Research and Development Board (AR&DB) - GTMAP	Development of Heat Flux Sensor for Aero Gas Turbine Engine Combustors

**Office of Research and Innovations  
Extramural Grants**

		Dr. S. Srikari		
2016-17		Dr. R. Suresh	Karnataka Council for Technology Upgradation (KCTU)	R & D Centre for Hardened Steel Machining
2016-17		Dr. H. S. Srivatsa	DST –	Development of a Framework for Green Innovations in Manufacturing Sector
			National Science and Technology Management Information System (NSTMIS)	
2016-17	FAD	Ramaiah University of Applied Sciences	Department of Textiles, Govt of Karnataka	Skill Upgradation Point on Nuthana Jawali Neethi
2015-16	FET	Dr. A. T. Sriram	Aeronautics Research and Development Board (AR&DB) - Propulsion Panel	Development of Numerical Test Bed Analyse Compressor – Combustor Flow Interactions
2015-16		Dr. Arun Rao	GTRE	Kinematic and Dynamic Analysis of Thrust Vectoring Nozzle
2015-16		Dr. Arun Rao	GTRE	Kinematic and Dynamic Analysis of Variable Guide Vane Mechanism
2015-16		Prof. Govind R. Kadambi	Aeronautics Research and Development Board (AR&DB) - SIGMA Panel	Design and Development of Long Range Video-Transmitter for MAV Application
2015-16	FDS	Dr. Sivaranjani Gali	Wellcome Trust - DBT	Development of Novel Zirconia Reinforced Mica Glass Ceramic Composite for Dental Restorative Applications