

KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES

RESEARCH PROJECT PROPOSALS SANCTIONED (APRIL 2024 - MARCH 2025)

Sl. No.	Name of the PI	Co PI	Department	Title of the Project	Applied on	Sanctioned on	Funding Agency	Amount (Lakhs)	Duration (Years)
1	Dr. G. Manoj	Dr. J. John Paul	ECE	IoT based Remote monitoring and Alerting of Human-Animal Conflict Mitigation		13-Jun-2024	IIT, Delhi	1.00	1
2	Dr. L. Godson Asirvatham	Dr. Jefferson Raja Bose	Mechanical	Experimental Investigation of a Novel Desalination Technology		1-Jul-2024	Ministry of Earth Sciences, Gol, New Delhi	447.45	2
3	Dr. Mallika Vijaya Kumar		Media	Visual Communication. Area of Focus : Visual Analysis Digital Photography Audio, Animation and Film Techniques. Case Study : Visual Ethnographic Approach to Fishing		3-Sep-2024	AICTE	3.50	1
4	Dr. Wasiya Farzana		Food	Women Entrepreneurship Development Program		20-Sep-2024	WEDP, DST	2.00	1.1
5	Dr. T. Citarasu, Assoc. Prof., Manonmaniam Sundaranar University Dr. B. Jebasingh	Dr. Vimalin Hena Dr. R. Divya	Physical Science Agriculture Maths	Isolation and Characterization of Novel Antimicrobial Bioactive Compounds from Mesotrophic Microbes in Deep Sea against Aquaculture Pathogens: Quorum Sensing Approach		17-Oct-2024	Ministry of Earth Sciences, Gol, New Delhi	65.54	2
6	Dr. S. J. Vijay	Dr. M. Wilson Kumar Dr. Madhu Ganesh	Mechanical	Development of an Eco-friendly Sustainable Technology - A Pilot Plant to Recycle Non-ferrous Metallic Waste Scraps		6-Nov-2024	DST-TTI-WMT	69.98	3
7	Dr. Jibu Thomas	Dr. Madhu Ganesh	Biotech	Biohydrogen from Microalgae		29-Nov-2024	BESI USA & TECHURJA	4.63	1
8	Dr. Prawin Angel Michael	Dr. M.A.P. Manimekalai	Aerospace ECE	LoRa-Drone Surveillance for Man-Animal Conflict		16-Dec-2024	IIT Palakkad Technology iHub Foundation	9.55	1
9	Dr. A. Asha Monicka	Dr. A. Brusly Solomon	Agriculture ME	Scale Up of Heat Pipe-Assisted Hybrid Solar drying system for Agricultural Products in tribal areas		16-Dec-2024	IIT Palakkad Technology iHub Foundation	9.99	1.5
10	Dr. B. Navaneetham	Dr. S. Ushanandhini Dr. V. Kavitha Dr. M. Uma Gowri Dr. Deepak Das	Agriculture	Assessing the Socio-Economic Impact of Solar-Powered Technologies in Tamil Nadu's Agricultural Landscape		19-Dec-2024	ICSSR, MoE	10.00	1
11	Dr. N. Anand		Civil	Strategies for improving the performance of concrete under extreme fire conditions.		19-Dec-2024	Budapest University of Technology and Economics, Budapest, Hungary	57.56	3
TOTAL								681.20	