

List of Selected Proposals for Funding in 2023-24 under Engineering & Technology Programme (ETP)
(As per the minutes of the 25th meeting of PAC-ETP held on 24th and 27th April 2024)

Sl. No.	ETP Proposal Ref. No	Title of the Project	Name & Address of the PI	Name & Address of the Co-I	Total Budget Sanctioned (₹)	Project Duration
1	ETP2023-059	Novel Design of Ultrahigh Conductive Heat Sink.	<p>Dr. Venkitaraj K P Assistant Professor Department of Mechanical Engineering, College of Engineering Adoor, Manakkala P O, Adoor, Pathanamthitta</p>	<p>1. Dr. Binulal B R Associate Professor, Department of Mechanical Engineering, College of Engineering Adoor, Manakkala P O, Adoor, Pathanamthitta</p> <p>2. ANU NAIR P Assistant Professor Mar Baselios Christian College of Engineering and Technology, Kuttikanam</p> <p>3. Biju Chacko Assistant Professor Mar Baselios Christian College of Engineering and Technology, Kuttikanam</p>	5,50,000	2 Years

2	ETP2023-119	Static and Dynamic Condition Assessment of Existing Concrete Dams Employing Non-Contact Sensing Technique	Dr. Prateek Negi Assistant Professor DB-109, Department of Civil Engineering, NIT Calicut, Kozhikode, Kerala-673601	<p>1. Prof. Praveen Nagarajan Professor National Institute of Technology Calicut, Kozhikode, Kerala-673601</p> <p>2. Prof. Santosh G Thampi Professor (HAG) National Institute of Technology Calicut, Kozhikode, Kerala-673601</p>	7,60,000	2 Years
3	ETP2023-071	Characterizing the abundance and diversity of bioaerosols in Indoor environments to assess the potential exposure to human pathogens & allergens.	Dr. Aswathy E.V Assistant Professor, Civil Engineering Department, NIT Calicut, NIT Calicut P.O, Kozhikode - 673601	<p>1. Dr. George K Varghese Associate Professor NIT Calicut, NIT Calicut P.O, Kozhikode - 673601</p> <p>2. Dr. Anantha Singh T. S Assistant Professor NIT Calicut, NIT Calicut P.O, Kozhikode - 673601.</p>	7,90,000	2 Years
4	ETP2023-150	Developing a sustainable hybrid chemical-bio-coagulant (HCBC) for the removal of micro/nanoplastics from water/wastewater treatment plants.	Dr. Priya K L Assistant Professor, Department of Civil Engineering, TKM College of Engineering, Kollam	Dr. Indu M S Assistant Professor TKM College of Engineering, Kollam	8,48,000	2 Years

5	ETP2023-103	AI-Based Light-Weight Mobile App to Monitor, Assist and Alert Alzheimer Patients and Caretakers	Dr Vengadeswaran S Assistant Professor Department of Computer Science and Engineering, IIIT Kottayam	1. Dr Selvi C Assistant Professor Indian Institute of Information Technology Kottayam 2. Dr Shajulin Benedict Assistant Professor Indian Institute of Information Technology Kottayam	9,17,200	2 Years
6	ETP2023-039	Assessment of coliform removal with travel distance for different soil types of Kerala and development of copper-tube disinfection system to handle the residual coliform count	Dr. Anantha Singh T S Assistant Professor, Department of Civil Engineering, NIT Calicut, NIT Calicut P.O., Kozhikode- 673601	1. Dr. George K. Varghese Associate Professor Department of Civil Engineering, NIT Calicut, NIT Calicut P. O., Kozhikode- 673601 2. Dr. Aswathy E. V. Assistant Professor Department of Civil Engineering, NIT Calicut, NIT Calicut P. O., Kozhikode- 673601	9,78,000	2 Years