

## Research Project (Ongoing)

Sr. No.	Name of Project Investigator/Supervisor	Name of Research Project	Funding Agency
1	PI - Dr. Trudeep N. Dave, Co-PI: Dr. Kannan K. R Iyer	Geosynthetics Modified Landfill Mined Soil Like Fraction as a Sustainable Fill Material	Gujarat Council on Science and Technology (GUJCOST)
2	PI - Dr. Ramkumar PL, Co-PI: Dr. Ajit Kumar Parwani	Experimental investigation and heat transfer simulation for product quality enhancement in Rotational Molding Process	Science & Engineering Research Board - (SERB)
3	Dr. Manoj Langhi	Numerical estimation of scouring around bridge pier foundations	Science & Engineering Research Board - (SERB)
4	PIs - Dr. Ramnarayan Yadav & Dr. Sanjeet Kumar Nayak, Dept. of CSE, IIITDM Kancheepuram, Chennai	Design and Development of Microservice-Based Fog-Enabled Infrastructure for Smart Agriculture'	TIH Foundation for IoT and IoE, Address: 3rd Floor, IITB - Monash Research Academy Building, IIT Bombay Campus, Mumbai 400076, Maharashtra, India
5	PIs - Dr. Ramnarayan Yadav & Dr. Sanjeet Kumar Nayak, Dept. of CSE, IIITDM Kancheepuram, Chennai	Development of Energy Efficient Wireless Sensor Network and Communication Platform for Precision Agriculture'	TIH Foundation for IoT and IoE, Address: 3rd Floor, IITB - Monash Research Academy Building, IIT Bombay Campus, Mumbai 400076, Maharashtra, India
6	Dr. Manjunath K	Design, modeling and development of solar based enhanced active power filter to support EV charging infrastructure with the grid	Science & Engineering Research Board - (SERB)
7	Ms. Shreya Chauhan	Numerical Methods for Partial Differential Equations	Department of Science & Technology
8	PI - Dr. Ramnarayan Yadav	Adaptive Spray Drone in Agriculture for Crop Disease Management using Deep Learning	CHANAKYA Fellowship Program 2022-23 by TIH Foundation for IoT and IoE

9	Dr. PL. Ramkumar IITRAM/ Co- PI- Dr. Ajit Kumar Parwani IITRAM & Dr. Abhishek Kumar, PDPU	Experimental and numerical investigations on the effect of process parameters on the weld quality of polymeric materials by friction stir welding	Gujarat Council on Science and Technology (GUJCOST)
10	Dr. Ganesh Iyer, Dr. Kumar Abhishek	Design and Development of Transtibial Prosthetic Limb	Science & Engineering Research Board - (SERB)
11	Dr. Mahuya Bandyopadhyay	Development of novel metal complex -based nano-porous materials for utilization of carbon dioxide into value-added products	Science & Engineering Research Board - (SERB)
12	Dr. Dileepkumar Gupta	Performance Appraisal and Assessment of PM Fasal Bima Yojana's Its Impact, Penetration and Challenges among Mirginal Farmers	Indian Council of Social Science Research- ICSSR
13	Dr. Meera Vasani	Dhunis: The Icon of Socio-Culture Reformation in the Life of Panchmahal Bhils	Indian Council of Social Science Research- ICSSR