

Research Project (Completed/Transferred)

Sr. No.	Name of Project Investigator/Supervisor	Name of Research Project	Funding Agency
1	Dr. Sourav Das & Dr. Brajesh Tiwari	Design of multisite coordinating ligands for the assembly of molecular magnets based on 3d/4f and 4f metal cluster	Science & Engineering Research Board - (SERB)
2	Dr. Ajit Kumar Parwani	Estimation of thermal boundary conditions for a cylindrical tube heat exchanger using efficient inverse heat transfer techniques	Science & Engineering Research Board - (SERB)
3	Dr. Pramod Bhingole	Fabrication, surface modification and evaluation of bioceramic hydroxyapatite coated with HVOF on Mg/Al alloy foam sandwich composite structure similar to the natural bone for the bone implant applications	Science & Engineering Research Board - (SERB)
4	Dr. Dheeraj Kumar Singh	Molecular Structure and Vibrational Dynamics of Ionic Liquids and their Binary Mixtures with Solvents	Science & Engineering Research Board - (SERB)
5	Dr. Navneet Khanna	Design and Development of Energy Efficient Cryogenic Machining Facility for Heat Resistant Alloys and Carbon Fibre Composites	Science & Engineering Research Board - (SERB)
6	Dr. Vikas Kumar Sharma	New Class of Probability Distributions and Associated Inferences	Science & Engineering Research Board - (SERB)
7	Dr. Ajit Kumar Parwani	Estimation of thermal properties and surface heat flux by using inverse techniques	Science & Engineering Research Board - (SERB)
8	Dr. Kannan Iyer & Dr. Trudeep N Dave	<p><u>Consortium Project Title:</u> Development of Environmentally and Economically Sustainable Composite Solution for Municipal Solid Waste Management</p> <p><u>IITRAM Project Title:</u> Bio-stabilization and Reutilization of Non-biodegradable Fraction of Municipal Solid Waste for Various Civil Engineering Applications</p>	Gujarat State Biotechnology Mission (GSBTM), DST, Government of Gujarat

9	Dr. Saurabh Kumar Yadav	Development of textured thermohydrodynamics journal bearing for optimum Rotordynamic performance	Science & Engineering Research Board - (SERB)
10	Dr. Prakash Kumar Arvindbhai Dabhi	Banach Algebras of Harmonic Analysis on Groups and Semigroups with Weights?	Science & Engineering Research Board - (SERB)
11	Dr. Ramnarayan Yadav	Energy Efficient and Latency Aware Cognitive Edge Computing for Disaster Management System	Science & Engineering Research Board - (SERB)
12	Dr. Mansi Dhuria	Probing Fundamental Physics with Cosmological Observations	Department of Science & Technology
13	Dr. Dheeraj Kumar Singh	Structure and Properties of Ionic Liquids on Metal Oxide Nanoparticles: Spectroscopic and Computational Approach	Department of Science & Technology
14	Dr. Mohit Kumar	Reliability Assessment of Complex Critical System through Qualitative Data Processing in Intuitionistic Fuzzy Environment	Department of Science & Technology