

Details of Seed Money/Research Grant Phase-III

Sr. No.	Research Project Title	Name of PI	Seed Amount
1	Advanced ReRAM-based Synapse for In-memory Computing	Dr. Partha Das	10,00,000
2	Next-Gen PMSM Drives: Neural Network-Aided Sensor less Control with Model Predictive Optimization	Dr. Basant Kumar Sethi	10,00,000
3	Development of Prediction Models for Shrinkage and Creep Properties of High-Performance Concrete	Dr. Banti A. Gedam	10,00,000
4	Development of Stable Hybrid Nanofluid System for CO2 absorption	Dr. Parag Pralhad Thakur	10,00,000
5	Development of AI -based Forensic Approaches for Detecting Manipulation in social Media Images	Dr. Rahul Dixit	10,00,000
6	Mirror Me: AI-Driven Post-Operative Outcome Prediction for Facial Plastic and Aesthetic Surgery	Dr. Praveen Kumar Chandaliya	10,00,000
7	Machine learning approaches for associative memory framework	Dr. Sundeep Mishra Dr. Tanmoy Hazira	22,50,000
8	Empowering Tribble Communities in South Gujarat through Advanced Microreactor Synthesis of Traditional Plant-Based Medicines and Food Characterization Studies	Dr. Atul R. Saraf & Dr. Vaidurya Jain	24,40,000
9	Exploiting Parallel Computing for Designing High-Performance Metaheuristic Optimization Algorithms	Dr. Anurag Jain	7,60,000
10	Design and Analysis of Secure Authentication Schemes for IoT based Zero Trust Architecture	Dr. Vishesh P. Gaikwad	9,20,000
11	Development of Feature Selection technique for cognitive workload assessment during online and offline learning	Dr. Abhilasha Chaudhuri	3,07,500
12	A Novel Approach to Fake News Detection Using Authentic Sources Verification	Dr. Naveen Kumar	9,87,500
13	Distributed Energy Management in Multi-Microgrid System Considering Uncertainty: A Federated Deep Reinforcement learning approach	Dr. Nitesh Asaramji Funde	9,45,000