

The following 11 major research ongoing projects in the institute worth Rs.182.85 Lakhs.

1. Synthesis, characterization and Potential Applications of Nano-Dithiocarbamate Complexes
2. Inorganic-Organic Hybrids based on Kegging-type Polyoxometalate-Schiff Base metal complexes: Synthesis, Characterization and Proton Conducting studies.
3. Development of an Indigenous Low-Cost /Light Weight Deflectometer for Structural Evaluation of Pavement
4. Development of Low Cost-Efficient Charging Station for Electric Vehicle (EV) Charging Applications
5. Sophisticated Flexible Supercapacitors for High Energy Storage application based on Nanomaterials
6. Estimation and Tracking of Subsurface Groundwater Discharge (SGD) along coastal stretches of Andhra Pradesh and Tamil Nadu, based on understanding (and modelling) of the coastal aquifer hydrodynamic
7. Design and Development of Prototype for Secure Weapon Shooting Information System (SWSIS)
8. A Hybrid and flexible magneto electric trilayer structure for combined magnetic sensing and mechanical actuation applications
9. Development of Hierarchical structures for Solar Desalination
10. Experimental Investigation on Role of Hybrid Tool Pin Profile on Microstructure and Mechanical Properties of Friction Stir Welded dissimilar AA6082- AA5083 Aluminium Alloy
11. Process Optimization of IPMCS for optimal functionality and in air operability.