

Thrust Areas of Research

1. Materials (Hydrogels) for removal of dyes, heavy metal ions, PAHs and Delivery of Drugs
2. Molecular Imprinting Polymers for Treatment of Wastewater
3. Synthetic Organic and Inorganic Chemistry
4. Inorganic and Organic Materials of Industrial, Medicinal and Environmental Relevance
5. Computational Material Science for Energy and Catalytic applications
6. Zeolites/ Ion Exchange/ Catalysis/Ion Selective Electrodes
7. Extraction and isolation of High value phytochemicals from various medicinal plants
8. Spectroscopic and thermodynamic investigation of biomolecules or drugs with surface active agents in aqueous medium