Research Projects : Department of Chemistry

1) **Chemistry at the backdrop of society : Detection of heavy metals in everyday used commodities**

   Funded by: UGC, sanction no. F. PSW-062/13-14 Dt 18/03/2014

   PI Dr. Kakoli Banerjee

2) **Waste Management : A Municipal Level Study in West Bengal for assessing 3R concept implementation**

   Funded by : ISWMAW, Jadavpur University

   PI Dr. Kakoli Banerjee ,

   Co PI Dr. Subrata Kumar Ray, Principal, Prabhu Jagatbandhu College

3) **Efficiency evaluation of natural biosorbents in the removal of toxic metals and anions in industrial and agricultural wastewaters**

   Funded by: DSTBT, GoWB, 1853(Sanc.)/ST/P/S &T/15 G-4/2019 dt 14/02/2020

   PI Dr. Kakoli Banerjee

   Dr. Kamalika Sen (Co- PI)

   Assistant Professor, Department of Chemistry, University of Calcutta.

   Prof. Susanta Lahiri (Co –PI)

   Senior Professor, H+, Head (Retd.) Chemical Sciences Division, Saha Institute of Nuclear Physics

4) **Exploration of Novel Pyrochlores for Nuclear Waste Management: Probing with Long-lived Fission Products and Actinides**

   Funded by: UGC-DAE Consortium for Scientific Research Sanction No. CRS/2021-22/02/535

   PI Dr. Kakoli Banerjee

   Collaborators : Dr. Debashis Banerjee, Variable Energy Cyclotron Centre, Kolkata

   Dr. Santosh Gupta, BARC, Mumbai