## Dr. Shilpa Maity:

- 1. Shilpa Maity, Subhra Rakshit, Sukhen Das, Krishanu Chatterjee\*, Enhanced thermoelectric performance of template based nanostructured polyaniline, AIP Conference Proceedings 1832, 110053 (2017)
- 2. Shilpa Maity, Nayim Sepay, Chiranjit Kulsi, Arpan Kool, Sukhen Das, Dipali Banerjee, Krishanu Chatterjee \*, Enhancement of Thermoelectric Performance in Oligomeric PEDOT-SWCNT Nanocomposite via Band Gap Tuning, Chemistry Select, 3,2018, 8992-8997
- 3. Shubham Roy, Kunal Pal, Souravi Bardhan, Shilpa Maity, Dipak Kr. Chanda, Saheli Ghosh, Parimal Karmakar, and Sukhen Das\*, Gd(III)-Doped Boehmite Nanoparticle: An Emergent Material for the Fluorescent Sensing of Cr(VI) in Wastewater and Live Cells, Inorganic Chemistry, 58, 2019, 13, 8369-8378.
- 4. Shilpa Maity, Chiranjit Kulsi, Shiladitya Banerjee, Sukhen Das, Krishanu Chatterjee\*, Dependence of thermoelectric power and electrical conductivity on structural order of PEDOT-Tos-graphene nanocomposite via charge carrier mobility, Material Research Express 6, 2019, 105095.
- 5. Shilpa Maity, Salini Datta, Megha Mishra, Shiladitya Banerjee, Sukhen Das, Krishanu Chatterjee\*, Poly (3,4 ethylenedioxythiophene)-tosylate—Its synthesis, properties and various applications, Polymer for Advanced Technologies. 2020, 1–19.
- 6. Shilpa Maity, Umme Karnij Salma Parvin, Sukhen Das, Krishanu Chatterjee\*, Polymer chalcogenides—new smart materials for thermoelectric applications, Smart Mater. Struct. 31, 2022, 073001 (20pp).
- 7. Shilpa Maity, Aniket Mondal, Sukhen Das, Krishanu Chatterjee\*, "Improved thermoelectric properties of selenium functionalized pedot." ChemNanoMat. 10, 2024, e202400015(1-9)