

## *List of Publications*

1. "Inducing chirality on ZnS nanoparticles for asymmetric aldol condensation reactions", **Ekta Shah and Hemant Soni**, *RSC Adv.* , **2013**,3,17453-17461.

2. "Immobilization of Thermomyces Lanuginosus lipase on ZnO nanoparticles: mimicking the interfacial environment", **Ekta Shah** , Paramita Mahapatra, Ashutosh V. Bedekar and Hemant Soni, *RSC Adv.*, **2015**,5,26291-26300.

3. "EDTA Capped Iron Oxide Nanoparticles Magnetic Micelles: Drug Delivery vehicle for Treatment of Chronic Myeloid Leukemia and T1-T2 Dual Contrast Agent for Magnetic Resonance Imaging", Ekta Shah, Pratik Upadhyay, Mala Singh, Mohmmad Shoab Mansuri, Rasheedunnisa Begum, Navin Sheth, Hemant Soni, *RSC New Journal of Chemistry*,

DOI: 10.1039/c6nj00655h, 2016

4. "Ni Doped ZnS Nanoparticles as Photocatalyst: Does Mixed Phase Perform better than Single Phase?", Ekta Shah, Jayraj V. Vaghasiya, Saurabh Soni, C.J. Panchal, Priya S. Suryavanshi, Mukesh Chavda and Hemant P. Soni.

*Revision Submitted.*