

## **List of Publication:**

1. Formulation and optimization of enteric coated bilayer tablets of mesalamine by RSM: In vitro in vivo investigation and roentogenographic study, Journal of Drug Delivery Science and Technology, 2018, 44:388-398.
2. Formulation and development of smart pH responsive mesoporous silica nanoparticles for breast cancer targeted delivery of anastrozole: In vitro and in vivo characterizations, Microporous and Mesoporous Materials, 2019, 279:107-116.
3. Systemic investigation of in vitro and in vivo safety, toxicity and degradation of mesoporous silica nanoparticles synthesized using commercial sodium silicate, Microporous and Mesoporous Materials. (Revision submitted)

## **List of Presentation:**

1. Formulation and development of Lyotropic liquid crystalline gel for topical delivery of NSAID (DCPT 115) at NIPICON 2016 organized by Institute of Pharmacy, Nirma University, Ahmadabad.
2. Synthesis and characterization of anastrozole loaded pH responsive mesoporous silica nanoparticles for improved breast cancer therapy at ITM University, Vadodara.
3. Fabrication of magnetic mesoporous silica nanoparticles using commercial sodium silicate, an economical silica source at Budding entrepreneur's ideathon organized by SSIP cell, The M. S. University of Baroda, Vadodara.