

**CHAPTER 8: LIST OF PUBLICATIONS:**

- **Shah PV**, Rajput SJ. Amine decorated 2d hexagonal and 3d cubic mesoporous silica nanoparticles: A comprehensive dissolution kinetic study in simulated and biorelevant media. **Journal of Dispersion Science and Technology**. 2018 Jun 29:1-9.
- **Shah PV**, Rajput SJ. Facile Synthesis of Chitosan Capped Mesoporous Silica Nanoparticles: A pH Responsive Smart Delivery Platform for Raloxifene Hydrochloride. **AAPS Pharm SciTech**. 2018 Jan 16:1-4.
- **Shah PV**, Rajput SJ. A comparative in vitro release study of raloxifene encapsulated ordered MCM-41 and MCM-48 nanoparticles: A dissolution kinetics study in simulated and biorelevant media. **Journal of Drug Delivery Science and Technology**. 2017 Oct 1; 41:31-44.
- Saxena Juhi, Saroj Seema, **Shah Priya**, Sadhana J Rajput. Development and Validation of an Environmentally Benign and Robust Stability Indicating Assay Method for Lenalidomide: Comprehensive Degradation Kinetics Study and Application of Synergistic Approach Involving Green Analytical Chemistry and Quality by Design Methodology **Indian journal of pharmaceutical education and research**. (accepted)
- Anjali Tandel, **Priya Shah**, Sadhana Rajput, Simultaneous Estimation of Phenylephrine Hydrochloride and Ketorolac Tromethamine Using UV Spectrophotometric and HPLC Methods. **Indo American Journal of Pharmaceutical Research**.2017:7(01)
- Anjali Patel, **Priya Shah**, Sadhana Rajput, Simultaneous estimation of sofosbuvir and ledipasvir using uv spectrophotometric and RP-HPLC methods. **Indo American Journal of Pharmaceutical Research**. 2017
- Presented a poster entitled “A comparative in vitro release study of Raloxifene encapsulated functionalized MCM-41 and MCM-48 nanoparticles: A dissolution kinetics study in simulated and bio-relevant media” at a national conference on **Recent Advances and Future Trends of Chemical Technology-RAFTCT-2017** organized by Nirma University, Ahmedabad (awarded 1<sup>st</sup> prize).
- Presented a poster entitled “3D Cubic Chitosan Coated Mesoporous Silica Nanoparticles: A Promising pH Responsive Platform for the Treatment of Breast

Cancer” at international conference on **NIPICON-2018** (NCRIS-2018) organized by Nirma University, Ahmedabad.

- Presented a poster entitled “Surface decorated mesoporous silica nanoparticles: a promising and emerging tool for cancer targeting in nanotheranostics” at a **national conference on innovation in science-2018** (NCRIS-2018) organized by R.K. University, Rajkot.