



*CHAPTER 9: LIST OF
PUBLICATIONS*

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1. Saroj Seema, and Sadhana J. Rajput. "Etoposide encased folic acid adorned mesoporous silica nanoparticles as potent nanovehicles for enhanced prostate cancer therapy: synthesis, characterization, cellular uptake and biodistribution." *Artificial cells, nanomedicine, and biotechnology* (2018): 1-16. **(Impact factor-3.026)**
2. Saroj Seema, and Sadhana J. Rajput. "Etoposide encapsulated functionalized mesoporous silica nanoparticles: Synthesis, characterization and effect of functionalization on dissolution kinetics in simulated and biorelevant media." *Journal of Drug Delivery Science and Technology* 44 (2018): 27-40. **(Impact factor- 2.297)**
3. Saroj Seema, and Sadhana J. Rajput. "Composite smart mesoporous silica nanoparticles as promising theranostic candidates: Recent trends and applications." *Journal of Drug Delivery Science and Technology* (2018). **(Impact factor- 2.297)**
4. Saroj Seema, and Sadhana J. Rajput. "Tailor-made pH-sensitive polyacrylic acid functionalized mesoporous silica nanoparticles for efficient and controlled delivery of anti-cancer drug Etoposide." *Drug development and industrial pharmacy* 44.7 (2018): 1198-1211. **(Impact factor- 2.295)**
5. Saroj Seema, and Sadhana J. Rajput. "Facile development, characterization and evaluation of novel Bicalutamide loaded pH sensitive mesoporous silica nanoparticles for enhanced prostate cancer therapy." *Drug development and industrial pharmacy* just-accepted (2018): 1-1. **(Impact factor- 2.295)**
6. 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* 53.1.
(2019)46-56. (**Impact factor- 0.16**)

CONFERENCE AND POSTER PRESENTATION

1. Presented a poster entitled “Surface functionalised mesoporous silica nanoparticles in cancer theranostics ” at international conference on **NIPICON-2018** organized by Nirma University, Ahmedabad. (International conference)
2. 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.