

AWARD

Awarded with the prestigious **UGC BSR-RFSMS Fellowship** by University Grants Commission in the year 2012.

PATENT

Indian Patent. Application No. 201621027691 on “Pegylated spherulites of anticancer active ingredients”.

PUBLICATIONS

Papers Published:

- 1) **Dhande, R.**, Tyagi, A., Sharma, R. K., & Thakkar, H. (2017). Biodistribution study of ^{99m}Tc-gemcitabine-loaded spherulites in Sprague–Dawley rats by gamma scintigraphy to investigate its lung targeting potential. *Journal of microencapsulation*, 34(7), 623-634. **(Impact Factor 1.58)**
- 2) **Dhande, R.**, Tyagi, A., Sharma, R. K., & Thakkar, H. (2018). ^{99m}Tc-vinorelbine tartrate loaded spherulites: Lung disposition study in Sprague-Dawley rats by gamma scintigraphy. *Pulmonary Pharmacology & Therapeutics* (10.1016/j.pupt.2018.01.002). **(Impact Factor 2.52)**
- 3) Thakkar, H. P., Khunt, A., **Dhande, R. D.**, & Patel, A. A. (2015). Formulation and evaluation of Itraconazole nanoemulsion for enhanced oral bioavailability. *Journal of microencapsulation*, 32(6), 559-569. **(Impact Factor- 1.58)**

Oral presentation and Poster Presented at conferences:

- 1) Poster Presented on “Fabrication of Lopinavir loaded Nanostructured Lipid Carrier for Transdermal Penetration Enhancement”, at International conference on “Nanotechnology in the service of Health, Environment and Society: NanoSciTech 2014, organized at University Institute of Pharmaceutical sciences, Panjab University, Chandigarh.
- 2) Poster Presented on “Phytochemicals as Angiogenesis Inhibitors in Cancer Therapy”, at International Symposium on “Recent Trends in Cancer Research: From OM to OMICS”, organized at Department of Cancer Biology at The Gujarat Cancer and Research Institute, Ahmedabad.
- 3) Oral Presentation on “Nanopharmaceuticals: A Boon or Bane”, at International Program on Application of Nano-Materials in Textile promoted by Industries Commissionerate, Government of Gujarat, organized at Department of Textile Engineering, The M.S. University of Baroda. Adjudged as best oral presentation.
- 4) Poster Presented on “Formulation and Evaluation of Itraconazole Nanoemulsion for enhanced oral bioavailability”, at 2015 AAPS Annual Meeting and Exposition, Orlando, Florida, USA.