

Dr Trapti Saxena

Associate Professor

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Research Interests: Development and characterization of novel drug delivery systems
Novel mucoadhesive PEGylated microspheres based drug delivery systems
Development and *in vivo* performance of SNEDDS of various poorly water soluble drugs
Design and characterization of transdermal drug delivery systems

Education:

1. Ph. D. (2016) from JNTU, Hyderabad
2. M. Pharm (2001-2003) - Dept of pharmaceutical sciences, Dr. H. S. Gaur University, Sagar (M.P.)
3. B. Pharm (1997-2001) - Dept of pharmaceutical sciences, Dr. H. S. Gaur University, Sagar (M.P.)

Teaching experience: 14 years experience in Research and Academics

Research Funding:

1. Awarded Junior Fellowship by University Grants Commission, Ministry of Human Resources, Government of India, Sept 2001 - Feb 2003

Professional Recognition, Awards, Achievements:

1. Got 1st prize for best oral presentation in national conference 'Innovate-13' at Pulla Reddy institute of pharmacy, Hyderabad
2. Qualified GATE - 2001 examination with 90.13 percentile score
3. M Pharm, 3rd rank in the university
4. B Pharm, 3rd rank in the university

Representative Publications:

- **Trapti Saxena**, Bagadi Swathi, C.V.S. Subrahmanyam, Development and evaluation of self nano-emulsifying drug delivery system (SNEDDS) for bioavailability enhancement of itraconazole, 2014, International Journal of Pharmaceutics, ISSN: 2051-5782, 30(1), 1165-1173.
- **Trapti Saxena**, C.V.S. Subrahmanyam, *Preparation and evaluation of Self – microemulsifying drug delivery system of itraconazole*, *Biochemistry and pharmacology: Open Access*, (Proceedings: Pharmacognosy-13) ISSN:2167-0501, 2013, 2(4), 77-83.
- **Trapti Saxena**, C. Nishanthi, C.V.S. Subrahmanyam, *A Novel Self Micro-Emulsifying Drug Delivery System (SMEDDS) for Pitavastatin: Development and Evaluation*, 2014, International Journal of Pharmaceutics, ISSN: 2051-5782, 30(2), 1189-1197.
- Keerthi Sumana M, **Trapti Saxena**, *Development of mucoadhesive microspheres of levofloxacin for the treatment of h. Pylori infection* in Journal of Drug Delivery & Therapeutics. 2016; 6(1):34-45.
- Chapter accepted to publish entitled *“Self Microemulsifying Drug Delivery Systems: For Oral Delivery Of Lipophilic Drugs”* in *Advancement in Carrier-based Drug Delivery* (Woodhead Publishing Series in Biomedicine), Oxford, UK

Conference Publications/Presentations:

- Presented poster in national conference RIPE-2012 organized by centre for pharmaceutical sciences JNTU, Hyderabad
- Presented paper on Self microemulsifying drug delivery system of Itraconazole: preparation and evaluation in national conference Innovate-13 at Pulla reddy institute of pharmacy Hyderabad
- Presented paper on Preparation and evaluation of Self – microemulsifying drug delivery system of itraconazole at International Conference on Pharmacognosy, phytochemistry and natural products by Omics group, Hyderabad
- Presented paper on Preparation and evaluation of solid self-microemulsifying drug delivery system of efavirenz at international conference on Progress and advances in human health management and healthcare reforms – Adicon 2014 at Sagar MP
- Presented poster on preparation and evaluation of mucoadhesive microspheres for the treatment of *H pylori* infection in National Seminar on 'Drug Targeting For Therapeutic Benefits' at Sagar MP
- Participated in AICTE approved Faculty Development Programme (FDP101x) on **Foundation Program in ICT for Education** conducted by Indian Institute of Technology, Bombay from 3rd Aug 2017 to 7th September 2017.
- Participated in AICTE approved Faculty Development Programme (FDP201x) on **Pedagogy for Online and Blended Teaching-Learning Process** conducted by Indian Institute of Technology, Bombay from 14th September 2017 to 12th October 2017.

Life Member of the Following National Societies:

1. Pharmacy council of India (FID No.- GRHLEC000020)
2. Association of pharmaceutical teachers of India (AP / LM-655)