

## **Dr. Navjot Kanwar**

Assistant Professor (Pharmaceutics)

Department of Pharmaceutical Sciences and Technology

Maharaja Ranjit Singh Punjab Technical University (MRSPTU)

Bathinda-Punjab-151001

Email: [navjotkanwar9@gmail.com](mailto:navjotkanwar9@gmail.com)

Phone: 9463851590



### **BRIEF-PROFILE**

Dr. Navjot Kanwar is working as an Assistant Professor at the Department of Pharmaceutical Sciences & Technology, Maharaja Ranjit Singh Punjab Technical University, Bathinda, Punjab w.e.f March 2023. She obtained her B.Pharm and M.Pharm from the University Institute of Pharmaceutical Sciences (UIPS), Panjab University, Chandigarh. She qualified GPAT in 2011 with All India Rank (AIR) 96 with 99.76 percentile. She got research fellowship for Meritorious students (RFMS) from university grant commission (UGC) to pursue her doctoral research work at Panjab University, Chandigarh.

She has worked in the area of long-acting parenteral (LAP) systems during her doctoral research and was also engaged in the development of various novel drug delivery systems such as polymeric microspheres and *in situ* gel-forming systems. Earlier during her post-graduation research work, she worked on conventional drug delivery systems such as multi-unit particulate systems (pellets) and tablets. She developed both oral and injectable drug delivery systems for various therapeutic agents. Under clinical research, she worked on the project "Osteoarthritis and its co-relation with interleukins in the patients of Malwa region of Punjab" at All India Institute of Medical Sciences (AIIMS), Bathinda. She is having an extended experience in medical writing and medical content creation where she worked for companies like Roche Pharmaceuticals, Knowledge Isotopes, and Medicca-press.

Her research work has been published in various prestigious and peer-reviewed international journals. She has presented her research work at various national and international conferences and got the best poster presentation award at 3<sup>rd</sup> IBRO/APRC in "Research category" for her doctoral research work.

She has the capability to delve into and analyze critically the various problems in research methodologies. She has done commendable work on long-acting patient-compliant parenteral systems of an anti-Parkinson drug and is well-knowledgeable in developing a variety of formulations ranging from conventional to novel and targeted delivery systems. She put forth her energy and tremendous efforts clearly to communicate scientific methods, discoveries, research, theories, and concepts to engage the undergrad and postgrad students during her doctoral studies and strengthened their knowledge of Pharmaceutical Technology.

Technically, she has expertise in handling various instruments such as HPLC, UPLC, UV-visible spectrophotometer, pHmeter, tableting machine, and dissolution apparatus, apart from doing animal handling studies. She has expertise in pharmacokinetics and pharmacodynamic studies. Dr Kanwar is a self-motivated person with a high interest in the formulation development area and strategies to counter the issues related to drug delivery systems.