

DEPARTMENT OF PHARMACEUTICAL SCIENCES & TECHNOLOGY

Maharaja Ranjit Singh Punjab Technical University, Bathinda

PROGRAMME SPECIFIC OUTCOMES

(M. PHARMACY (PHARMACEUTICS))



MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

(A State University Estab. by Govt. of Punjab vide Punjab Act No. 5 of 2015 and Approved u/s 2(f) & 12 (B) of UGC; Member AIU)

Dabwali Road, Bathinda-151001 (Punjab), India

PROGRAMME SPECIFIC OUTCOMES (PSOs)

- 1.** Apply the principles of drug delivery system in the development of eco-friendly, efficacious dosage forms.
- 2.** Develop an ability to undertake multidisciplinary tasks in the pharmaceutical quality system.
- 3.** Analyze, criticize, organize, improvise and manage documents, data and information related to pharmaceutical production process.
- 4.** Imbibe ethical practices and moral values in personal and professional endeavors.
- 5.** Execute team-based research to implement innovative solutions in the area of formulation, quality assurance and technology transfer.
- 6.** Apply problem-based learning approach and analytical thinking in academic and professional life.
- 7.** Validate the knowledge and skills gained through education to gain recognition in Pharmaceutical society and related field.
- 8.** Set-up pharmaceutical production unit to design and formulate pharmaceutical dosage forms.

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PROGRAMME SPECIFIC OUTCOMES (PSOs)

- 1.** Relate the acquired scientific information's and principles of pharmacokinetics and pharmacodynamics in drug discovery process.
- 2.** Interpret data of pharmaceutical experiments in drug discovery as per the needs of pharmaceutical industries.
- 3.** Translate the high-level of understanding of drug action into key stages in preclinical and clinical research studies.
- 4.** Apply skills to do specialized research in the core and applied areas of pharmaceutical sciences.
- 5.** Evaluate current drug information in the delivery of pharmaceutical care and assure in regard to drug usage and their adverse effects.
- 6.** Demonstrate knowledge of professional and ethical responsibilities in clinical and non-clinical laboratory as required by regulatory bodies.
- 7.** Develop an ability to visualize and work on multidisciplinary tasks in the area pharmaceutical and its allied field.
- 8.** Appraise pharmacological model for investigation through logics and problem to solving ability.
