



After successful completion of MPharm Pharmacology program, students will be able to:

- PO 1 Comprehend the fundamental knowledge of pharmacy and pharmacology in drug discovery and development process.
- PO 2 Identify, formulate and analyze complex research problems to reach substantiated conclusions that meet the regulatory requirements in connection with pharmacokinetic, pharmacodynamic and safety issues of the drugs in use and New Chemical Entities (NCE)
- PO 3 Design to find solutions for complex research problems through pharmacological strategies and rational drug designs.
- PO 4 Conceptualize and evaluate problems to draw meaningful conclusions through hypothesis, in-silico, in-vitro, in-vivo screening methods and translational approaches employing appropriate statistical method analysis.
- PO 5 Handle modern analytical techniques, cell-based assays, statistical packages, and in-silico tools and state-of-the-art animal models employed in the fields of pharmacology and toxicology.
- PO 6 Adopt and facilitate a multidisciplinary approach in allied fields of pharmacy and pharmacology to develop business modules in R&D, scientific consultancy, contract research, etc.
- PO 7 Understand the impact of the business solutions in societal and environmental contexts and to demonstrate the knowledge for sustainable development.
- PO 8 Inculcate and apply ethical principles in different professional activities related to pharmacy and pharmacology.
- PO 9 Function effectively as an individual, and as a member or as a leader in diverse teams, and in multidisciplinary settings for team building capacities.
- PO 10 Build overall personality by instilling soft skills for the effective communication of ideas and to present the scientific reports in a comprehensive but focussed approach.
- PO 11 Demonstrate the knowledge of financial management to evaluate new and existing projects for effective decision making.
- PO 12 Recognize the need to engage oneself as a life-long learner.