



MPharm Pharmaceutical Analysis

Program Outcomes (PO's)

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

PO No	Competency
PO 1	Provide comprehensive knowledge in the field of pharmaceutical analysis and to integrate professional and research skills in the analysis and quality control of drugs, food, herbal products and cosmetics.
PO 2	Recognize and analyze the problems related to analytical /bioanalytical method development, validation, other routine quality control aspects and data analysis leading to meaningful conclusions.
PO 3	Develop solutions for problems related to analytical/bioanalytical method development, characterization of novel drug molecules and quality control of drugs, food, herbal products and cosmetics through strategies in Pharmaceutical Analysis and interdisciplinary approaches.
PO 4	Conceptualize and investigate the complex problems related to bioanalytical method development, bioavailability and bioequivalence studies quality of drugs, food, herbal products and cosmetics.
PO 5	Develop, validate and apply appropriate analytical and bioanalytical methods in the field of drug development and quality control using modern analytical instruments.
PO 6	Develop and facilitate rapid, cost effective and validated analytical/bioanalytical methods, quality control test methods for the benefit of the business and society.
PO 7	Understand and provide solutions to reduce the hazards from Pharmaceutical Industry through usage of environmental friendly approaches and demonstrate its sustainability.
PO 8	Inculcate and apply ethical principles while discharging professional responsibilities
PO 9	Function effectively as an individual and as a member, demonstrate leadership qualities as a leader in diverse teams, and in multidisciplinary settings for team building capacities.
PO 10	Possess soft skills and communicate effectively ideas, present the scientific reports in a comprehensive and focused manner to the scientific community, regulatory agencies and society at large.
PO 11	Demonstrate the knowledge of financial management to evaluate existing and new projects related to method development and quality control for effective decision making.
PO 12	Comprehend the need to engage oneself as a life-long learner.