



B Pharm Programme
Version 1
PO - (Programme Outcome)

B.Pharmacy – Pharmacy Graduates will be able to

PO1: Source of Drugs

Understanding the modern extraction techniques, characterization and identification of the herbal drugs and phytoconstituents along with preparation and development of herbal formulation

PO2: Basic Knowledge - Biology

Understanding and applying the basic knowledge of human anatomy, physiology and pathophysiology of diseases. Understanding the pharmacological actions of different categories of drugs and applying the basic pharmacological knowledge in the prevention and treatment of various diseases.

PO3: Technological Knowledge & Pharmaceutical Engineering

Understanding the fundamentals of analytical chemistry and to develop the analytical skills, chromatographic separations and analysis of drugs. Understanding the basic knowledge on Pharmaceutical Engineering and development of novel drug delivery skills

PO4: Formulation and Dispensing

Understanding the basic knowledge on the preparative pharmacy, development of novel drug delivery system and professional way of handling the prescription and applying pharmaceutical legislations and their implications in the development and marketing of pharmaceuticals. Understanding the importance of physicochemical properties of drug molecules in designing the dosage forms.

PO5: Quality Control and Regulatory

Quality control and regulations of pharmaceutical products in different dosage forms and analytical techniques

PO6: Drug action and Toxicological Knowledge

Understanding the importance of molecular levels of various chemical processes associated with living cells and metabolism of nutrients in the physiological and pathological condition.

PO7: Business and marketing / entrepreneurship

To apply laws in pharmaceutical legislations and their implications in the development and marketing of pharmaceuticals. Understanding the various drug distribution methods in a hospital, monitor drug therapy of patient through medication chart review and conducting community awareness program. Communication skills and ethical aspects in community pharmacy with patient counseling.

PO8: Research Promotions and leadership

To practice, develop skills in industrial projects and clinical trials.
Ethical values in research and societal commitment.

PO9: Drug Design and Synthesis of Drugs

Understanding the structure, chemistry of medicinal drugs with their pharmacological activity and to know the SAR with chemical synthesis of drugs.