Bachelor of Pharmacy (B. Pharmacy)

Program Educational Objectives (PEOs)

PEO 1: Able to understand and apply concepts of the Mathematics, science, biology and critical thinking to Pharmaceutical Sciences.

PEO 2: To prepare student to design and develop interdisciplinary, trans-disciplinary and innovative systems.

PEO 3: To inculcate effective communication skills, team work, ethics, leadership in preparation for a successful career in industry and Research and Development organization.

PEO 4: To review and summarize recent work and advances in their field along with enhancing the presentation skills.

Programme Outcomes (POs)

PO 1: Pharmaceutical Knowledge

Remember, Understand and Apply: The knowledge of mathematics, science, pharmacy fundamentals, and a pharmacy science specialization to the solution of complex pharmacy problems.

PO 2: Analytical Techniques

Problem Analysis: Identify, formulate, review research literature, and analyse complex pharmaceutical problems reaching substantiated conclusions using first principles of pharmacy, natural sciences, and pharmaceutical sciences.

PO 3: Design and Development

Design and develop: Design and develop way out for complex pharmaceutical problems and design system or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO 4: Problem Solving

Solving the problem: Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible decisions.

PO 5: Novel Techniques

Create, select, and apply: Appropriate techniques, resources, and modern pharmaceutical and other tools including prediction and modelling to complex pharmaceutical activities with an understanding of the limitations.

PO 6: The Pharmacist and Society

Apply reasoning: Informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional pharmaceutical practice.

PO 7: Environment and Sustainability

Evaluate and understand: Understand the impact of the professional pharmaceutical solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO 8: Ethics and Regulation

Apply ethical principles and commit to professional ethics and responsibilities and norms of the Pharmacy practice.

PO 9: Team Work

Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO 10: Communication

Communicate effectively on complex pharmaceutical activities with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO 11: Project Management and Entrepreneurship

Demonstrate knowledge and understanding of the pharmaceutical and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO 12: Life-long Learning

Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Programme Specific Outcomes (PSOs)

PSO 1: Identifying suitable technical solution to a real world problem by applying the fundamentals of pharmacognosy, pharmacology, pharmaceutical chemistry and pharmaceutics knowledge.

PSO 2: Understanding, analysing and developing professional pharmaceutical solutions in the areas of manufacturing, drug development, community pharmacy, regulatory, pharmacovigilance and industrial needs for betterment of the society.

PSO 3: Applying, techniques and software tools to engage in innovative and project based course for the advancement of technology and its adaptation in multi-disciplinary environments.

PSO 4: Acquainting, with the contemporary trends in industrial/research environment and thereby innovate novel solutions to existing problems.