

B. PHARMACY

Program Outcomes (POs)

Upon the completion of the program, the graduate is able to

PO 1	Pharmacy Knowledge: Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioural, social, and administrative pharmacy sciences; and manufacturing practices.
PO 2	Planning Abilities: Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.
PO 3	Problem Analysis: 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 4	Modern Tool Usage: Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.
PO 5	Leadership Skills: Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and wellbeing.
PO 6	Professional Identity: Understand, analyze and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).
PO 7	Pharmaceutical Ethics: Honour personal values and apply ethical principles in professional and social contexts. Demonstrate behavior that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.
PO 8	Communication: Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.
PO 9	The Pharmacist and Society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.
PO 10	Environment and Sustainability: Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO 11	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. Self-assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an ongoing basis.

Program Specific Outcomes (PSOs)

PSO 1	Equip with theoretical knowledge in the fields of pharmaceutical sciences such as pharmaceuticals, pharmaceutical chemistry, pharmacology, Pharmacognosy and biotechnology
PSO 2	Gain thorough knowledge on performing and implementing experimental skills on synthesis of compounds, formulation & analysis of drugs, screening of drugs, identification of microorganisms, diagnosis to different diseases and evaluation of crude drugs.
PSO 3	Evaluate statistical data and documentation of different practical aspects
PSO 4	Acquire communication skills, research & development activities and entrepreneurship skills

Program Educational Objectives (PEOs)

PEO 1	To encompass the students with profound knowledge in core subjects of pharmaceutical sciences as well as leadership skills in order to evolve as globally competent pharmacy professionals and develop innovative solutions in multidisciplinary domains.
PEO 2	To prepare the graduates with excellent practical attitude by the implementation of innovative teaching learning methodologies with visual aids / computer tools, handling of sophisticated equipment / instruments and their trouble shooting issues.
PEO 3	To ensure collaborative learning, knowledge sharing and knowledge transfer through their involvement in interdisciplinary research activities
PEO 4	To exhibit communication skills, team spirit, leadership qualities, effective project management skills, lifelong learning ability, professional ethics, empathy for the needs of society, environmental consciousness and human values in profession/career.
PEO 5	To pursue higher education, to progress professionally in pharmaceutical as well as health care industries/organizations and multidisciplinary fields with an inclination towards continuous learning