



PEO's for B. Pharmacy Program

Pharmacy program aims to describe accomplishments that Pharma graduates are expected to attain the following during the four years (eight semester) course.

PROGRAM EDUCATIONAL OBJECTIVES

Commitment

Learning

Leadership

Expertise

Teamwork



Program Outcomes for B. Pharmacy Program

The following outcomes reflect the terminal skills that all **B. Pharmacy graduates** should be able to demonstrate upon program completion:

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; behavioral, 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 inquiry, 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 well-being.

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: Honor 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 to reason 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-assesses and uses feedback effectively from others to identify learning needs and to satisfy these needs on an ongoing basis.



Program Specific Outcomes for B. Pharmacy Program

- PSO.1** Graduates will demonstrate knowledge of Pharmaceutical science and Life Sciences.
- PSO.2** Graduates will demonstrate an ability to identify, formulate and solve Pharmaceutical industry, community & hospital pharmacy problems.
- PSO.3** The graduate will demonstrate an ability to conduct, analyze and interpret data of pharmaceutical experiments in production, Quality control & Quality assurance.
- PSO.4** Graduates will demonstrate an ability to design the formulation & Synthetic process as per needs and specifications in Pharmaceutical Industries & Marketing.
- PSO.5** Graduates will demonstrate an ability to understand the mechanism of drug action, its dynamics and kinetics, visualize and work on laboratory techniques and improvements.
- PSO.6** The graduate will demonstrate skills to use modern Pharmaceutical tools, software and equipment to analyze & solve problems.
- PSO.7** Graduates will demonstrate knowledge of professional and ethical responsibilities as per Pharmaceutical jurisprudence.
- PSO.8** The graduate will be able to communicate effectively in both verbal and written form.
- PSO.9** The graduate will show the understanding of the impact of Pharmaceutical sciences on society and also will be aware of modern issues.
- PSO.10** The graduate will develop confidence for self-education and the ability for life-long learning.
- PSO.11** Graduates will demonstrate knowledge in Research & development in all disciplines of pharmaceutical sciences and can participate and succeed in competitive examinations.