

Program Outcome (PO)

M.PHARM (QA & PHARMACEUTICS)

PO1. Pharmacy Knowledge: Apply integrated knowledge of pharmaceutical, biomedical and clinical sciences to understand disease processes, drug actions, therapeutic interventions and pharmaceutical manufacturing for effective professional practice.

PO2. Problem Analysis and Evidence-Based Decision Making: Identify, analyze and solve complex pharmaceutical and healthcare-related problems using scientific principles, critical thinking, biostatistics and evidence-based approaches.

PO3. Pharmaceutical Skills and Practice: Demonstrate competency in pharmaceutical formulation, quality assurance, analysis, pharmacovigilance, clinical pharmacy and patient-centered pharmacy practice through experiential learning.

PO4. Modern Tools, AI and Digital Competence: Utilize modern pharmaceutical technologies, analytical instruments, digital platforms, artificial intelligence, machine learning and computational tools effectively and ethically.

PO5. Research and Innovation: Design and conduct research, analyze and interpret data and foster innovation to address challenges in pharmaceutical sciences, healthcare, industry and society.

PO6. Professional Ethics and Human Values: Practice pharmacy with integrity, ethical responsibility, respect for human values and adherence to regulatory, legal and professional standards.

PO7. Communication and Interpersonal Skills: Communicate effectively with patients, healthcare professionals, industry personnel and society through appropriate documentation, counseling, presentations and collaborative teamwork.

PO8. Leadership, Management and Entrepreneurship: Demonstrate leadership, managerial, entrepreneurial and teamwork skills for effective functioning in pharmaceutical organizations, healthcare systems and innovative ventures.

PO9. Pharmacist and Society: Promote public health, patient safety, rational use of medicines and healthcare awareness while addressing societal and legal responsibilities of the pharmacy profession.

PO10. Environment and Sustainability: Apply sustainable and environmentally responsible practices in pharmaceutical development, manufacturing, usage and disposal while supporting green pharmacy initiatives and SDGs.

PO11. Life-Long Learning and Professional Development: Engage in continuous self-directed learning and professional development to adapt to emerging technologies, evolving healthcare needs and advancements in pharmaceutical sciences.