



MPharm Pharmaceutical Biotechnology Program Outcomes (POs)

After successful completion of M Pharm Pharmaceutical Biotechnology program, students will be able to:

PO No

Competency

PO 1 Apply the fundamental knowledge of pharmacy and biotechnology in drug discovery and development, manufacture, analysis and data management process.

PO 2 Identify and analyze pharmaceutical problems related to protein expression, purification and delivery, Isolation of microorganisms, production of biologicals, gene cloning and delivery to reach substantiated conclusions.

PO 3 Design to find innovative, economical and apt solutions for pharmaceutical problems through biotechnological strategies and rational drug designs.

PO 4 Conceptualize research ideas, frame and evaluate hypothesis, data interpretation to draw meaningful conclusions facilitating practical solutions.

PO 5 Create, utilize and apply appropriate techniques or resources such as computational tools, gene editing, cloning etc., to aid in development of biological products.

PO 6 Develop and facilitate multidisciplinary approach in allied fields of pharmacy and life sciences that facilitate the development of business strategies for the benefit of industries and society.

PO 7 Comprehend the impact of usage of organisms, chemicals and biochemicals on ecosystem and apply the gained knowledge for sustainable development.

PO 8 Apply ethical principles during execution of professional responsibilities.

PO 9 Function effectively as an individual / team member or leader in diverse settings for efficient teamwork.

PO 10 Communicate effectively with team members, scientific community and with society at large, so as to comprehend and write effective reports, scientific articles and design documentation, presentations and exchange information.

PO 11 Apply the knowledge of the financial management to effectively manage and execute various projects.

PO 12 Appreciate the need to engage oneself as a life-long learner in the profession.
