



PSG COLLEGE OF PHARMACY

B Pharm Programme

Version 3

PO - (Programme Outcome)

1. Apply the basic knowledge gained in chemistry, anatomy, physiology, pathophysiology, biochemistry, cellular and molecular biology and computer technology in pharmacy profession.
2. Develop required skills in formulation, synthesis and preclinical testing of drugs as well as overcoming potential incompatibilities and behavior of drugs.
3. Ability to demonstrate and communicate ethical values of Pharmacy Profession & Research with commitment to societal welfare.
Significance of communication skills, leadership qualities and other required soft skills for professional achievement.
4. To enhance the entrepreneurial capabilities for value added services and systems relating to industrial pharmacy, pharmaceutical marketing, regulatory affairs, community pharmacy and clinical trial setups.
5. To develop a sense of professional responsibility to be a medication dispenser and be able to master, generate, interpret, and disseminate the knowledge of pharmaceuticals care.
6. Ability to understand and apply technological innovations in the field of biotechnology and genetic engineering in disease management.
7. To emphasize the fundamental principles, current innovation and advancement in the development of pharmaceutical products and their analytical profile as per pharmacopoeial standards. SOP preparation and quality assurance.
8. Understand the biology, chemistry, pharmacokinetic / therapeutic and safety profile of synthetic and herbal drugs in the diagnosis, prevention and treatment of various diseases.
9. Implementing expertise of molecular mechanism in medicinal chemistry, preparative pharmacy, analytical skills, and pharmaceutical engineering in the development of novel dosage forms, traditional formulations, drug targeting and drug development to cater the needs of the industry.
10. Utilize the knowledge in drug regulatory laws for entrepreneurship development and marketing pertaining to drug distribution of all scheduled drugs, cosmetics, prosthetics and medical devices.