Program Structure

Paper I	Basic General Pharmacology, Clinical pharmacology, Biostatistics and Screeni
Paper II	Autonomic nervous system, Cardiovascular system, Diuretics, Respiratory syst
Paper III	Central nerouvs system, Gastrointestinal system, Blood, Autacoids and their rec
Paper IV	Chemotherapy, Endocrine system, Immunomodulators and heir recent advances

Other requirements: Dissertation

Program Outcomes

At the end of the program, graduates will be able to...

- PO1: Apply the pharmacological principles to explain the mechanism of action of drugs used in therapeutics
- PO2: Integrate the basic knowledge of pharmacology in dealing with patient care, design and operationalize the concept of essential medicine in various levels of the health care system
- PO3: Apply the basic principles of pharmacology in dealing with special patient populations like paediatric, geriatric, pregnancy, lactation, poisoning, patients with specific organ dysfunction and prescribe appropriate drug dosage and formulation in these circumstances
- PO4: Apply principles of good clinical practice and good laboratory practice guidelines in clinical and basic research and effectively lead a team of experts in conducting clinical & basic research
- PO5: Apply the principles of basic research methodology in designing research protocols, the conduct of research appropriately and in ethically acceptable manner, evaluate, analyse and monitor preclinical and clinical data in drug discovery and development.
- PO6: Practice the principles of teaching-learning technology in the interactive classroom and small group teaching effectively.
- PO7: Effectively communicate with the patients about the safe and effective use of drugs with emphasis on patient education on adherence to medication.
- PO8: Demonstrate skills for self-directed lifelong learning in teaching, research and patient care by keeping abreast with the recent advances in the respective fields.
- PO9: Recognize the adverse effect seen during routine clinical care, document the same in appropriate manner as per the guidelines, assess the causal relationship with the drug responsible for and report to the concerned authority and communicate the information with the stakeholders
- PO10: Apply the principles of pharmacoeconomics in clinical research and patient care and operationalize with the stakeholders.
- PO11: Apply the principles of pharmacogenetics, pharmacoepidemiology, chronopharmacology, ethnopharmacology, ecopharmacology, toxicology in teaching and research