



M.Pharm
(PHARMACEUTICS)
PROGRAMME OUTCOMES

PO: 01	Apply knowledge to create newer technology and skills in technology development and research.
PO: 02	Apply knowledge of excipients, dosage forms, production, quality improvements, safety and production management to optimize pharmaceutical products and drug delivery systems.
PO: 03	Use modern Pharmaceutical tools, software and equipment to analyze and solve problems.
PO: 04	Demonstrate an ability to design formulation and drug delivery systems process as per needs and specifications in Pharmaceutical Industries and Marketing.
PO: 05	Develop an ability to visualize and work on multidisciplinary tasks in the Pharma Industry and in research.
PO: 06	Analyze problems with current drug therapy, formulate solutions and identify risks associated with the solutions in order to deliver the best pharmaceutical care to the patient.
PO: 07	Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and well- being.
PO: 08	Communicate and comprehend effectively with the pharmacy community and society for making effective presentation, documentation, guidance and counselling.
PO: 09	Engage in doctoral and post – doctoral research activities for the benefit of mankind.
PO: 10	Apply knowledge and skills to register drug product in different countries in order to deliver a best product in the world.



M.Pharm

(PHARMACY PRACTICE)

PROGRAMME OUTCOMES

After successful completion of the program the graduate will be able to:

PO: 01	Describe treatment approaches in managing the various disease conditions.
PO: 02	Optimize the medication therapy of a patient by individualizing the treatment plan through evidence based practice.
PO: 03	Interpret the plasma drug concentration profile in altered pharmacokinetics, drug interactions and therapeutic drug monitoring process to optimize the drug regimen.
PO: 04	Understand and evaluate the Pharmacoepidemiological and Pharmacoeconomic methods in drug therapy management.
PO: 05	Interpret the laboratory results to aid the clinical diagnosis of various disorders.
PO: 06	Develop customized pharmaceutical care services to patients in the hospital and community settings.
PO: 07	Conceptualize, design, conduct and manage clinical trials.



B.Pharm

PROGRAMME OUTCOMES

PO:01	Develop effective and ethical interaction with fellow professionals of Health care sector and Pharmaceutical industry.
PO:02	Demonstrate knowledge in the areas of drug synthesis and assay including mode of action and drug interaction.
PO:03	Formulate, store and analyse various pharmaceutical dosage forms including herbal medicines in commercial production and research.
PO:04	Drug Screening for pharmacological actions and assess the action of drugs.
PO:05	Provide education and counselling to improve patient understanding of their medications, improve medication adherence, and detect adverse drug reactions.
PO:06	Participate in the implementation of National Health programmes.
PO:07	Deliver a quality assured product as per Pharmacopoeia, WHO and ISO standards.
PO:08	Ensure compliance of herbals and Nutraceuticals for regulatory approval process as per standard guidelines and their registration process in Indian and International Market.
PO:09	Apply to regulatory bodies for obtaining approval in the manufacture and sale of pharmaceuticals.
PO:10	Module wise practice of pharmacy in the interested domains.



M.Pharm
(PHARMACEUTICAL ANALYSIS)
PROGRAMME OUTCOMES

The following program specific outcomes for Master of Pharmacy Program at various specializations have been structured based on outputs and opinion from various stakeholders who are relevant to this program.

PO:01	To deal with various advanced instrumental techniques for identification, characterization, and quantification of drugs
PO:02	To know the science of detection of impurities, impurities in pharmaceutical formulations, impurity profiling, stability testing of phytopharmaceuticals, and their protocol development
PO:03	To understand validation and its application in industry, their methodologies and application in manufacturing processes
PO:04	To impart knowledge on analysis of food constituents and finished food products, food additives, the pesticides and the regulations of food and legislations of food products
PO:05	To know the Pharmacopieal assays by spectroscopical methods, calibration techniques, determination of preservatives, vitamin contents in drugs and foods
PO:06	To create a knowledge with various hyphenated analytical instrumental techniques for identification, characterization, and quantification of drugs
PO:07	To impart knowledge about extraction, separation of drugs from biological samples using different techniques and guidelines for analytical methods
PO:08	To know about quality assurance aspects of pharmaceutical industries such as CGMP, Documentations, certifications, GLP, and other regulatory affairs
PO:09	To create a talent pool by involving students in research projects and to make students undertake research projects under faculty guidance for publication
PO:10	To foster ambitious desire among students to undertake higher studies and career growth.



Pharm.D

PROGRAMME OUTCOMES

After successful completion of the program the graduate will be able to:

PO:01	Provide pharmaceutical care including, but not limited to, Medication Therapy Management (MTM), vaccinations and drug therapy monitoring in all practice areas (e.g., inpatient, ambulatory and community practice).
PO:02	Provide high quality, evidence-based, patient-centered care in cooperation with patients, prescribers and members of the inter-professional health care team.
PO:03	Demonstrate mastery and application of core knowledge and skills in relation to the evolving biomedical, clinical, epidemiological and social-behavioral sciences. This includes competency in areas supporting high quality pharmacy practice (e.g., pharmaceuticals, medicinal chemistry, pharmacokinetics, pharmacodynamics, pharmacology, pathophysiology, pharmacotherapeutics, and pharmaceutical care)
PO:04	Demonstrate the ability to use critical analysis and problem solving skills for the provision of high quality, evidence-based pharmacy services and patient care.
PO:05	Locate, appraise and assimilate evidence from scientific studies to enhance the quality of care and services. Effectively utilize information, informatics and technology to optimize learning and patient care
PO:06	Effectively educate families, patients, caregivers and other HCPs
PO:07	Demonstrate exemplary professional, ethical and legal behaviors, complying with all state and local laws and regulations related to pharmacy practice. Contribute to the training of pharmacy students, future colleagues, and the growth and success of the profession
PO:08	Demonstrate the respect for patient privacy and autonomy, as well as sensitivity and responsiveness to diverse patient populations and Demonstrate a high degree of integrity, truthfulness and fairness
PO:09	Effectively manage medication use systems, Prioritize patient safety and public health, Participate in identifying system errors.



D.Pharm

PROGRAMME OUTCOMES

After successful completion of the program the graduate will be able to:

PO:01	Provide high quality, evidence-based, patient-centered care in cooperation with patients, prescribers and members of the interprofessional health care team
PO:02	Promote health and wellness and disease prevention
PO:03	Provide culturally competent pharmaceutical care and demonstrate cultural competence in all interactions
PO:04	Evaluate practice and care, and promote continuous improvement in one's own patient care and pharmacy services
PO:05	Effectively utilize information, informatics and technology to optimize learning and patient care
PO:06	Demonstrate effective interpersonal written and verbal skills, adapt to socioeconomic and cultural factors as well as situational applications
PO:07	Effectively educate families, patients, caregivers and other HCPs
PO:08	Act in a consultative position for other members of the health care team, regulatory agencies and policy makers
PO:09	Demonstrate exemplary professional, ethical and legal behaviors, complying with all federal, state and local laws and regulations related to pharmacy practice
PO:10	Contribute to the training of pharmacy students, future colleagues, and the growth and success of the profession
PO:11	Demonstrate the respect for patient privacy and autonomy, as well as sensitivity and responsiveness to diverse patient populations
PO:12	Demonstrate a high degree of integrity, truthfulness and fairness
PO:13	Demonstrate initiative, reliability and follow-through in fulfilling commitments



M.Pharm
(PHARMACOLOGY)
PROGRAMME OUTCOMES

After successful completion of the program the graduate will be able to:

- PO1:** Relate the acquired scientific informations and principles of pharmacokinetics and pharmacodynamics in drug discovery process.
- PO2:** Interpret data of pharmaceutical experiments in drug discovery as per the needs of pharmaceutical industries.
- PO3:** Translate the high-level of understanding of drug action into key stages in preclinical and clinical research studies.
- PO4:** Apply skills to do specialized research in the core and applied areas of pharmaceutical sciences.
- PO5:** Evaluate current drug information in the delivery of pharmaceutical care and assure in regard to drug usage and their adverse effects
- PO6:** Demonstrate knowledge of professional and ethical responsibilities in clinical and non-clinical laboratory as required by regulatory bodies.
- PO7:** Develop an ability to visualize and work on multidisciplinary tasks in the area pharmaceutical and its allied field.
- PO8:** Appraise pharmacological model for investigation through logics and problem to solving ability.