

PHARMACY

PROGRAM OUTCOMES

1. Ability to acquire knowledge of fundamentals of health principals and their applications in the area of Pharmaceutical Sciences and Technology.
2. Identify, formulate, research literature, and analyze complex health problems reaching substantiated conclusions using principles of natural, herbal and allopathic science.
3. Develop an ability to use lab equipment and different kinds of simulation software with in depth knowledge to design synthetic and analytical processes to perform experiments on synthesis, design, pharmaceutical analysis, and pharmacological evaluation and formulation problems.
4. Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. An understanding of professional, societal and legal responsibility related to Pharmaceutical Industry & pharmacy practice.
6. An understanding of the impact of pharmacy profession in environment & societal context and demonstrate the need for sustainability.
7. Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary environment.
8. Communicate effectively on complex pharmaceutical activities with the health community and with the society at large, such as, being able to competence and write effective reports and design documentation, make effective presentations, and give and receive clear instructions, to treat any health or pharmaceuticals complex.

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PROGRAM SPECIFIC OUTCOMES (PSO's)

1. Understanding of the formulation parameters in manufacturing of a dosage form, storage, packaging and dispensing of dosage forms and drug analysis through conventional methods and modern sophisticated instruments.
2. Understanding of pharmacological action of drugs and their evaluation for their therapeutic effectiveness and novel drug delivery systems, molecular modeling, pharmcovigilance, Pharma management etc as per the need of industry and future prospects.
3. Perform research on various medical aspects and implement the Pharmaceutical knowledge in formulating the best suitable dosage form to provide high quality medicines to the society.