



College of Pharmaceutical
Sciences and Drug Manufacturing
A college accredited by "NAQAAE"



PCC 601

COURSE DESCRIPTION:-

The course provides the study of the chemical structure, chemical names, synthesis, biological properties, and structure-activity relationship, mechanism of action, metabolism, selectivity, toxicity, uses, and pharmacopeial methods for the determination of drugs that are used as chemotherapeutic agents. It includes anti-infective agents, antibacterial antibiotics and sulphonamides, antimycobacterial drugs, antifungal, insecticides, anthelmintic and antiamebic drugs. In addition, it demonstrates how these drugs bind to their receptors and identifying the common pharmacophore of each class.

