



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



## PCC 702

### COURSE DESCRIPTION:-

The course includes 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 some classes of drugs. It includes antiviral drugs, anticancer drugs, pituitary, and hypothalamic hormones, insulin and oral hypoglycemic drugs, steroid hormones, general anaesthetic drugs, local anaesthetic drugs, sedatives & hypnotic drugs, anticonvulsant & antiepileptic drugs, anxiolytic drugs, antipsychotic drugs, and vitamins. Furthermore, it describes how these drugs bind to their receptors and identifying the common pharmacophore of each class.

