



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



PC 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 determination of some classes of drugs. It includes antiviral drugs, anticancer drugs, pituitary and hypothalamic hormones, insulin and oral hypoglycemic drugs, steroid hormones, general anesthetic drugs, local anesthetic 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.

