



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



## PCC 803

### COURSE DESCRIPTION:-

The course introduces 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 antipyretic, analgesic & anti-inflammatory drugs, narcotic, analgesic drugs, antiallergic drugs, h2 antagonist drugs, adrenergic drugs, cholinergic drugs, antidepressant drugs, CNS stimulants, antiulcer drugs, diuretic drugs, antihypertensive drugs, antianginal drugs, antiarrhythmic drugs, anticoagulants, antithrombotics, thrombolytic drugs, antiparkinson drugs, and antialzheimers drugs. Moreover, it demonstrates how these drugs bind to their receptors and identifying the common pharmacophore of each class.

