



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



## PC 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 determination of some classes of drugs. It includes antipyretic, analgesic & anti-inflammatory drugs, narcotic, analgesic drugs, antiallergic drugs, h<sub>2</sub> antagonist drugs, adrenergic drugs, cholinergic drugs, antidepressant drugs, CNS stimulants, antiulcer drugs, diuretic drugs, antihypertensive drugs, antianginal drugs, antiarrhythmic drugs, anticoagulants, antithrombotics, thrombolytic drugs, antiparkinsonism drugs, and antialzheimer's drugs. Moreover, it demonstrates how these drugs bind to their receptors, and identifying the common pharmacophore of each class.

