

Subject Code: BP208P.	Subject Title: Pharmaceutical Organic Chemistry I -Practical
Pre-requisite Subject	- NONE -

Teaching Scheme (Hours per week)				Evaluation Scheme (Marks)		
Lecture	Tutorial	Practical	Credit	Practical(P)		Total Marks
				University Assessment	Continuous Assessment	Practical
NA	NA	4	2	35	15	50

List of Experiments(4 Hours / Week)

- Systematic qualitative analysis of unknown organic compounds like
 - Preliminary test: Color, odour, aliphatic/aromatic compounds, saturation and unsaturation, etc.
 - Detection of elements like Nitrogen, Sulphur and Halogen by Lassaigne's test
 - Solubility test
 - Functional group test like Phenols, Amides/ Urea, Carbohydrates, Amines, Carboxylic acids, Aldehydes and Ketones, Alcohols, Esters, Aromatic and Halogenated Hydrocarbons, Nitro compounds and Anilides.
 - Melting point/Boiling point of organic compounds
 - Identification of the unknown compound from the literature using melting point/ boiling point.
 - Preparation of the derivatives and confirmation of the unknown compound by melting point/boiling point.
 - Minimum 5 unknown organic compounds to be analyzed systematically.
- Preparation of suitable solid derivatives from organic compounds
- Construction of molecular models