CH253	ORGANIC CHEMISTRY LAB	L	T	P	C	Int	Ext
		-	-	2	1.0	30	70

Semester III [Second Year]

COURSE OBJECTIVES:

1. To know how various reactions can be applied in organic compound preparations
2. To acquire knowledge about the qualitative analysis of organic compounds
3. To learn how the yield of an organic compound can be determined
4. To learn the preparation of suitable derivatives of organic compounds

COURSE OUTCOMES:

After the successful completion of the course,students are able to

1. Prepare organic compounds using suitable reactions
2. Confirm the identity of organic compounds using suitable methods
3. Analyze and identify the nature and type of a given organic compound
4. Quantify the organic compound

EXPERIMENTS:

1. Preparation of Aspirin
2. Preparation of p- bromo acetanilide
3. Preparation of m-dinitrobenzene
4. Preparation of Benzanilide
5. Detection of Extra elements
6. Analysis of Compound - 1
7. Analysis of Compound - 2
8. Analysis of Compound - 3
9. Analysis of Compound - 4
10. Analysis of Compound - 5
11. Analysis of Compound - 6
12. Estimation of Glucose

Note:**

Analysis of organic compound with single functional groups containing phenol, aldehyde, ketone, carboxylic acid, amides, amines, monosaccharides with two derivatives

LEARNING RESOURCES:

TEXT BOOK(s):

1. Text book of organic chemistry Ã¢â‚¬â€œ Morrsion and Boyd
2. Organic Reaction Mechanisms by V.K. AhluwaliaÃ‚ & Rakesh K.Ã‚ Parashar

REFERENCE BOOK(s):

1. Reaction mechanism Ã¢â‚¬â€œ Peter Skyes
2. Text book of Organic Chemistry Ã¢â‚¬â€œ P.L Soni