

ST. JOSEPH'S COLLEGE FOR WOMEN (AUTONOMOUS)

VISAKHAPATNAM

IV SEMESTER

CHEMISTRY

Time: 2hrs/Week

CH 4253(3)

ORGANIC QUALITATIVE ANALYSIS

Marks: 50

20-21 admitted batch-“20AH”

SYLLABUS

COURSE OBJECTIVES:

- To train students in 'qualitative organic analysis' and equip them with the skill of identifying organic compounds via qualitative organic analysis

Course outcomes: At the end of the course student will be able to

- Use glassware, equipment and chemicals and adopt standard experimental procedures in the laboratory
- Determine melting and boiling points of organic compounds
- Apply concepts of different organic reactions studied in theory part of organic chemistry and identify and establish unknown Organic Compounds systematically

COURSE:

Organic Qualitative analysis

50 M

Analysis of an organic compound through systematic qualitative procedure for functional group identification including the determination of melting point and boiling point with suitable derivatives.

Alcohols, Phenols, Aldehydes, Ketones, Carboxylic acids, Aromatic primary amines, amides and simple sugars

