

<b>B.Sc.</b>	<b>Semester - II</b>	<b>Credits: 4</b>
<b>Course: 2</b>	<b>Organic &amp; General Chemistry</b>	<b>Hrs/Wk: 4</b>

**Course outcomes:**

At the end of the course, the student will be able to;

- Understand and explain the differential behavior of organic compounds based on fundamental concepts learnt.
- Formulate the mechanism of organic reactions by recalling and correlating the fundamental properties of the reactants involved
- Learn and identify many organic reaction mechanism including Free Radical Substitution, Electrophilic Addition and Electrophilic Aromatic Substitution.
- Correlate and describe the stereochemical properties of organic compounds and reactions.

<b>B.Sc.</b>	<b>Semester - II</b>	<b>Credits: 1</b>
<b>Course: 2(L)</b>	<b>Volumetric Analysis Lab</b>	<b>Hrs/Wk: 2</b>

**Course outcomes:**

At the end of the course, the student will be able to;

- Use glassware, equipment and chemicals and follow experimental procedures in the laboratory
- Understand and explain the volumetric analysis based on fundamental concepts learnt in ionic equilibria
- Learn and identify the concepts of a standard solutions, primary and secondary standards
- Facilitate the learner to make solutions of various molar concentrations.
- This may include: The concept of the mole; Converting moles to grams; Converting grams to moles; Defining concentration; Dilution of Solutions; Making different molar concentrations.