

## **Programme Specific Outcomes**

### **B. Sc. (Chemistry)**

1. Student gets knowledge of thermodynamics, electrochemistry in physical chemistry.
2. They learn various methods of spectroscopy, Organic reactions in organic chemistry.
3. Student gets aware by Molecular spectroscopy, Co-ordination compound in Inorganic spectroscopy.
4. Student gets knowledge of Chromatography, other related techniques.
5. Student increase their real knowledge by learning various techniques of analytical Chemistry.
6. Student can think how to protect environment by learning various methods of Chemistry.
7. Student gets all practical knowledge of chemistry.

### **Course Outcomes of B. Sc. (Chemistry)**

The Students gained

1. The knowledge relating to analysis of different compounds quantitatively as well as qualitatively.
2. Explain periodic properties of elements; understand formation of ionic bonding and factors affecting ionic bond formation.
3. Interpret aromaticity and based on that distinguish aromatic, and non-aromatic compounds able to know the structure Benzene and its electrophonic substitution reaction.

4. Describe synthesis and chemical reactions alkyl, halides aryl halides and alcohol.
5. Understand covalent – bonding metallic bonding and describe structure of molecule with regular and distorted geometry by using VSEPR theory and know about gravi-metric and volu-metric analysis.
6. Understand the various phenomena related to spectroscopy such as Nuclear Magnetic Resonance Spectroscopy, Rotational Spectroscopy and vibration rotation spectroscopy.
7. Job opportunities as project assistant in research laboratories, forensic labs, Pollution control board.
8. Progression to PG education in Chemistry.