

## **Department of Chemistry (UG)**

### **Programme outcome**

B.Sc. Chemistry introduces basic concepts, experimental techniques and applications of chemical sciences and introduces cheminformatics, Green chemistry and micro analytical techniques.

### **B.Sc. Chemistry**

### **Programme Specific Outcome**

- ✓ Inorganic Chemistry
- ✓ Methodology and Perspectives of Sciences and General Informatics
- ✓ Organic Chemistry
- ✓ Physical Chemistry
- ✓ Practical papers– Inorganic, Volumetric, Organic, Physical and Gravimetric experiments

### **Course Outcome**

Course Code	Name of Course	Outcome
B-2143	Inorganic Chemistry I	The student will acquire knowledge in <ul style="list-style-type: none"><li>✓ Atomic Structure</li><li>✓ Periodic properties</li><li>✓ Electronic Configuration and Periodicity</li><li>✓ S block element</li><li>✓ P block element</li></ul>
B-2144	Organic Chemistry II	The student will acquire knowledge in <ul style="list-style-type: none"><li>✓ Structure and bonding</li><li>✓ Reaction Mechanisms</li><li>✓ Stereochemistry</li><li>✓ Alkane and alkene</li><li>✓ Arenes and Aromaticity</li><li>✓ Alkyl and Aryl halides</li></ul>
	Lab course I	<ul style="list-style-type: none"><li>✓ Volumetric analysis</li><li>✓ Qualitative Analysis by microscale methods of a mixture containing two acidic and two basic radicals</li><li>✓ Eudiometer, viscometer, Ostwald viscometer</li><li>✓ Chemical kinetics</li></ul>