

Bsc Complementary chemistry Course

Course outcome

- *To understand basic concepts of chemistry.*
- *To apply the principles of chemistry.*
- *To make a view of chemistry in nature and society.*
- *To familiarize with emerging areas of chemistry and their application in various fields.*
- *To develop the skills in the proper handling of instruments and chemicals*
- *To make awareness on different processes of industrial use and their applications.*
- *To be conversant with the applications of chemistry in day to day life.*
- *To develop environmental awareness by creating an ecofriendly attitude.*

COURSE OUTCOME:

Sl No	Name of the paper	Course Code	Course outcome
1	General Chemistry	CHE1C0	<ul style="list-style-type: none">• To understand and to apply the theories of quantitative and qualitative analysis.• To understand the theories of chemical bonding.• To appreciate the uses of radioactive isotopes.• To understand the importance of metals in biological systems.
2	Physical Chemistry	CHE2C02	<ul style="list-style-type: none">• To understand the importance of free energy in defining spontaneity.• To realise the theories of different states of matter and their implication.• To understand the basic principles of electrochemistry.
3	Organic Chemistry	CHE3C03	<ul style="list-style-type: none">• To understand the basic concepts involved in reaction intermediates.• To realise the importance of optical activity and chirality.• To appreciate the importance of functional groups and aromatic stability.• To understand the basic structure and importance of carbohydrates, nucleic acids, alkaloids and terpenes.
4	Physical and Applied Chemistry	CHE4C04	<ul style="list-style-type: none">• To understand the basic concepts behind colloidal state and nanochemistry.• To understand the importance of green chemistry and pollution prevention.

			<ul style="list-style-type: none"> • To appreciate the importance of different separation methods and spectral techniques. • To understand the extent of chemistry in daily life.
5	Chemistry Practical	CHE4C05(P)	<ul style="list-style-type: none"> • To understand the basic concepts of inter group separation. • To enable the students to develop analytical and preparation skills.