

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.