

## Course Outcome

<b>Course</b>	<b>Outcome</b>
General and Analytical Chemistry	To study about the different areas of science. To study theory behind all the quantitative and qualitative analysis. Giving awareness to research methodology to students.
Theoretical and inorganic chemistry	To develop interest in various branches of inorganic chemistry. To introduce periodic properties, atomic structure, chemical bonding, quantum mechanics etc. to students.
Organic Chemistry I	To understand fundamentals of organic reaction mechanism, stereochemistry, aromaticity, pericyclic reactions etc.
Organic Chemistry II	Introduction to different reactions and their mechanisms. To develop skills required for qualitative analysis of organic compounds.
Chemistry of d and f block elements	Demonstrate students periodic properties of elements. Giving basic ideas regarding organometallics and bioinorganic compounds
Basic Organic Chemistry II	Giving awareness to bioorganic compounds, industrially important polymers, dyes, alkaloids etc.
States of Matter	Giving idea about states of matter and their properties
Quantum Mechanics and Spectroscopy Open Course - Food Science	Giving basic idea about theoretical chemistry and spectroscopy. Giving awareness to food additives, adulteration, preservatives, analytical parameters, food laws etc.
Applied Inorganic Chemistry	Awareness to inorganic qualitative analysis, inorganic polymers etc. will be given.
Chemistry of Natural Products and Biomolecules	Study of natural products like terpenes, natural rubber, carbohydrates etc. Chemistry of soaps and detergents, heterocyclic compounds etc. will be studied.
Equilibrium and Kinetics	To study about thermodynamics and chemical kinetics.
Solution Chemistry	Basic ideas about equilibrium, binary solutions, electrochemistry.
Environmental Chemistry	Demonstrate students critical thinking skills in relation to environmental affairs. Adopting sustainability as a practice in life, society and industry.