

CLASS-12

Session : (2023-24)

CHEMISTRY

Learning objectives

The curriculum of chemistry at Senior secondary stage aims to :

- promote understanding of basic facts and concepts in chemistry while retaining the excitement of chemistry.
- make students capable of studying chemistry in academic and professional courses (such as medicine, engineering, technology) at tertiary level.
- expose the students to various emerging new areas of chemistry and apprise them with their relevance in future studies and their application in various spheres of chemical sciences and technology.
- equip students to face various challenges related to health, nutrition, environment, population, weather, industries and agriculture.
- develop problem solving skills in students.
- expose the students to different processes used in industries and their technological applications.
- apprise students with interface of chemistry with other disciplines of science such as physics, biology, geology, engineering etc.
- acquaint students with different aspects of chemistry used in daily life.
- develop an interest in students to study chemistry as a discipline.
- integrate life skills and values in the context of chemistry.

CURRICULUM DIVISION

UT- 1

Halo alkanes and Haloarenes

TERM - 1

Solutions

Electrochemistry

Chemical Kinetics

Haloalkanes and Haloarenes

Alcohols, Phenols and Ethers

UT – 2

Aldehydes, Ketones and Carboxylic Acids

TERM – 2

d -and f -Block Elements

Coordination Compounds

Aldehydes, Ketones and Carboxylic Acids

Amines

Biomolecules

PRE-BOARD EXAM

All the chapters mentioned above.