

## KCET Chemistry Syllabus

### First Year PUC Syllabus:

Some Basic Concepts of Chemistry
Structure of Atom
Classification of Elements and Periodicity in Properties
Chemical Bonding and Molecular Structure
States of Matter: Gases and Liquids
Chemical Thermodynamics
Equilibrium
Redox Reactions
Hydrogen
S-Block Elements (Alkali and Alkaline earth metals )
Some p-Block Elements
Organic Chemistry – Some Basic Principles and Techniques
Hydrocarbons
Environmental Chemistry

## Second Year PUC Syllabus

Solid State
Solutions
Electrochemistry
Chemical Kinetics
Surface Chemistry
General Principles and Processes of Isolation of Elements
p-Block Elements
d and f Block Elements
Co-ordination compounds
Haloalkanes and Haloarenes.
Alcohols, Phenols and Ethers
Aldehydes and Ketones and Carboxylic Acids:
Organic compounds containing Nitrogen
Biomolecules
Polymers

Chemistry in Everyday

life