

Lesson Plan Chemistry (2022-23) Semester-1st, 3rd and 5th

Name of the Assistant Professor: Dr. Rekha Devi

Subject: Physical Chemistry and Inorganic chemistry

BSc.I, Semester-Ist

2 sep-3 sep 2022	Introduction to states of matter
5 sep-10 sep 2022	Gaseous state-I
12 sep-17 sep 2022	Redox titrations of Fe ²⁺
19 sep-24 sep 2022	Critical Phenomena
26 sep- 01 oct 2022	Redox titrations of oxalate ion.
3 oct-8 oct 2022	Solid state
10 oct-15 oct 2022	Complexometric titrations
17 oct-22 oct 2022	Liquid state
24 oct-29 oct 2022	Diwali vacations
31oct -5 nov 2022	Specific reaction rate practical
7 nov -12 nov 2022	Covalent bonding
14 nov -19 nov 2022	Viscosity practical
21 nov -26 nov 2022	Ionic Solids
28 nov -3 dec 2022	Revision and Test
5 dec- 10 dec 2022	Revision and Test

BSc.II, Semester-3rd

2 sep-3 sep 2022	Introduction to thermodynamics
5 sep-10 sep 2022	Thermodynamics -I
12 sep-17 sep 2022	Thermodynamics -II
19 sep-24 sep 2022	Gravimetric analysis of Cu ²⁺
26 sep- 01 oct 2022	Chemical Equilibrium
3 oct-8 oct 2022	Gravimetric analysis of Ni ²⁺
10 oct-15 oct 2022	Distribution Law
17 oct-22 oct 2022	Preparation of Cuprous Chloride
24 oct-29 oct 2022	Diwali vacations
31oct -5 nov 2022	Determination of heat of dissolution
7 nov -12 nov 2022	Coordination compounds
14 nov -19 nov 2022	CST of phenol water system
21 nov -26 nov 2022	Non aqueous solvents
28 nov -3 dec 2022	Revision and Test
5 dec- 10 dec 2022	Revision and Test

BSc.III, Semester-5th

2 sep-3 sep 2022	Introduction to Quantum Mechanics
5 sep-10 sep 2022	Quantum Mechanics-I
12 sep-17 sep 2022	Determine the strength of monoacids practical
19 sep-24 sep 2022	Physical properties and molecular structure
26 sep- 01 oct 2022	Determination of solubility product
3 oct-8 oct 2022	Spectroscopy-I
10 oct-15 oct 2022	Basic radical determination
17 oct-22 oct 2022	Spectroscopy-II
24 oct-29 oct 2022	Diwali vacations
31oct -5 nov 2022	Magnetic properties of transition metal complexes
7 nov -12 nov 2022	Acidic radical determination
14 nov -19 nov 2022	Electronic spectra of transition metal complexes
21 nov -26 nov 2022	Revision and Test
28 nov -3 dec 2022	Revision and Test
5 dec- 10 dec 2022	Revision and Test