

COURSE OBJECTIVES & COURSE OUTCOME

F.Y.B.Sc. sem I

Chemistry Paper I USCH 101.

Sr. No.	Learning objectives	Learning outcome
1.	To introduce students to the basic concepts of chemical thermodynamics.	Students will get insight into basic concepts of thermodynamics.
2.	To learn chemical calculations involving various expressions of chemical calculations.	They will be able to solve numerical problems independently.
3	To get insight into the structure of atom.	Students will be able to correlate electronic configuration to bonding and reactivity.
4	To expose students to the field of periodic table and periodicity.	They will get clear understanding about periodicity.
5	To get insight into classification, nomenclature and reactions of organic compounds including mechanisms	Students will be able to comprehend characteristics of organic compounds and various chemical transformation.

F Y BSc Sem II

Chemistry Paper I USCH 201

Sr. No.	Learning objectives	Learning outcome
1.	To expose students to theory of chemical equilibrium.	They will gain knowledge about chemical equilibrium and its applications.
2.	To learn chemistry of gaseous states and ideal gas equation.	The learner will get insight into kinetic theory of gases and will be able to solve numerical problems independently.
3	To get insight into the theories of acids and bases.	Students will develop strong fundamental base.
4	To understand the theory of qualitative analysis.	Students will be able to correlate theoretical knowledge and its application in practice.
5	To get insight into chemistry of aliphatic compounds.	Students will be able to comprehend various chemical transformation.