

## COURSE OBJECTIVES AND COURSE OUTCOMES

### F. Y. B. Sc. SEMESTER - I

#### SUBJECT: CHEMISTRY - I (USCH 101)

Sr. No.	Course Objectives	Course Outcomes
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 the 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 a 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. B. Sc. SEMESTER - II

#### SUBJECT: CHEMISTRY - I (USCH 201)

Sr. No.	Course Objectives	Course Outcomes
1)	To expose students to theory of chemical equilibrium	They will gain knowledge about chemical equilibrium and its applications
2)	To learn the chemistry of gaseous states and the ideal gas equation	The learner will get insight into the 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 a 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 the chemistry of aliphatic compounds	Students will be able to comprehend the various chemical transformation