COURSE OBJECTIVES AND COURSE OUTCOMES

F. Y. B. Sc. SEMESTER - I

SUBJECT: CHEMISTRY - II (USCH 102)

Sr. No.	Course Objectives	Course Outcomes
1)	To introduce students to the basic concepts of chemical kinetics	Students will get insight into basic concepts of chemical kinetics They will be able to apply their knowledge into various quantitative studies
2)	To learn the chemistry of liquid state viz. surface tension, viscosity and refractive index	This study will infuse into the learner curiosity about characteristic properties of liquid state
3)	To understand the theory and applications of liquid crystals	It will expose students to new concepts in chemistry
4)	To get comprehensive information about the chemistry of elements of group I and II	Students will develop a strong base to understand chemical bonding Students will be able to correlate electronic configuration to bonding and reactivity
5)	To introduce students to the field of stereochemistry and conformational analysis	They will get insight into stereochemistry and conformational analysis

COURSE OBJECTIVES AND COURSE OUTCOMES

F. Y. B. Sc. SEMESTER - II

SUBJECT: CHEMISTRY - II (USCH 202)

Sr. No.	Course Objectives	Course Outcomes
1)	To expose students to the field of ionic equilibria and buffers	They will be able to apply their knowledge into various quantitative studies
2)	To introduce students to new fields such as crystallography and molecular spectroscopy	They will be exposed to the field of solid-state chemistry and gain knowledge about molecular spectroscopy
3)	To learn about different types of bonds, VSEPR theory and applications	Students will develop a strong base to understand chemical bonding Students will be able to correlate electronic configuration to bonding and reactivity
4)	To study redox reactions. and their applications	They will get a clear understanding about oxidation and reduction reactions and their applications
5)	To introduce students to the field of stereochemistry and conformational analysis	They will get insight into stereochemistry and conformational analysis
6)	To learn about aromaticity	The learner will get comprehensive knowledge about characteristic properties of aromatic hydrocarbons and the criteria for aromaticity