

SYLLABUS :-

Prerequisite : CY11001

Structure and bonding: covalent, ionic and metallic bonding. Lattice energy and defects in solids. Atomic properties & periodicity: ionic and covalent radii, electronegativity, ionization potential, electron affinity. Acids and bases.

HSAB theory. Chemistry of hydrogen, nitrogen and oxygen.

Book: Inorganic Chemistry by Shriver and Atkins.