

SYLLABUS :-

Prerequisite : CY20102

d-block chemistry: structure and symmetry, representative ligands and nomenclature, isomerism and chirality- bonding and electronic structure (CFT only). Magnetic properties; general chemistry of d-block elements. Essential features of f-block elements: position, lanthanide contraction, ion exchange separation and applications.

Book: Inorganic Chemistry by Shriver and Atkins; Advanced Inorganic Chemistry by Cotton & Wilkinson.