

UNIT (II)**PAPER :- CHEMICAL BONDING MOLECULAR ORBITAL AND VALENCE BOND THEORY.****LEARNING OBJECTIVES**

Chemical bonding refers to the formation of bonding, types, and factors in the inorganic compounds.

1. To explain the reasons behind the formation of chemical bonds.
2. To help the students to understand the polarization Fajan's rule & dipole movement in polar molecules.
3. The postulation of VSEPR Theory & Shapes of molecules hybridization.
4. Explanation of Valence bond theory & molecular orbital theory, the comparison between the two & merits of molecular orbital theory, magnetic behavior of homonuclear & heteronuclear molecules.