

Schiff bases have important role in the development of [coordination & medicine] chemistry as they readily form new complexes with metals [8]. These compounds are played in the field of bioinorganic chemistry and various aspects of organometallic compounds[9]. They are formed by condensation of a primary amine ( $\text{RNH}_2$ ) and carbonyl compound. The ( $-\text{HC}=\text{N}-$ ) group is particularly suited for binding to metal ions via the N atom lone pair ( $-\text{N}:$ ) and when contain one or more donor atoms in addition to ( $-\text{C}=\text{N}-$ ) group they act as [polydentate ligands or macrocycles]. Schiff base and its complexes containing azomethine group ( $-\text{HC}=\text{N}-$ ) as shown in scheme(1- 1).