3. REVIEW OF LITERATURE

Corrosion covers large scale applications both in academic and industrial fields. Number of publications and patents are filed covering literature about different metals, environment of corrosion, various inhibitors etc. All these make it necessary to overview the literature available beginning from the history of corrosion and its technological importance and recent developments.

Here classification of corrosion with appropriate illustrations and their preventive measures, economics of corrosion, basic principles of electrochemistry, electrochemical and mixed theories of corrosion, factors affecting corrosion, occurrence of corrosion, physical and mechanical properties of iron and mild steel, mechanism of corrosion of iron and mild steel, corrosion of iron in aqueous solution, inhibitors and related literature survey has been reported at its relevance.