

## EFFECTS OF COMPLEXING AGENTS ON ELECTRO DEPOSITION OF TERNARY Zn-Mn-MO ALLOYS

RENU RASTOGI

Department of Chemistry, Brhmanand Degree College, Kanpur, Uttar Pradesh, India

### ABSTRACT

The ternary Zn-Mn-MO alloys were electrodeposited containing Zinc Sulphate  $30\text{gL}^{-1}$ , Manganese Sulphate  $60\text{gL}^{-1}$ , Ammonium Molybdate  $4\text{gL}^{-1}$ , in presence of one of the following complexing agents; Tartaric acid, Sodium tartarate, Ascorbic acid or citric acid. Effect of these complexing agents on deposit composition, Cathode efficiency and morphology of deposits were also studied.

**KEYWORDS:** Complexing Agents, Composition, Cathode Efficiency, pH, Current Density