

**STUDIES IN  
ELECTRODEPOSITION OF METALS  
FROM COMPOSITE BATH**

A DISSERTATION SUBMITTED TO  
**SHIVAJI UNIVERSITY, KOLHAPUR**

FOR THE AWARD OF DEGREE OF

**MASTER OF PHILOSOPHY**

**IN  
CHEMISTRY**

BY

**SANDEEP PRAMOD SANGAVE**

M.Sc. B.Ed.

RESEARCH GUIDE

**Dr. R. V. ANYAPANAWAR, MSc.PhD.**

**HEAD OF DEPT. OF CHEMISTRY  
SANGAMESHWAR COLLEGE, SOLAPUR.**

**DEPT. OF CHEMISTRY  
SHIVAJI UNIVERSITY, KOLHAPUR.**

JUNE -2003