## CERTIFICATE

This is to certify that the work embodied in dissertation entitled "STUDIES IN ELECTRODEPOSTION OF METALS FROM COMPOSITE BATH" has been carried out completed by Shri. S. P. Sangave under my guidance in the Department of Chemistry, Shivaji University Kolhapur .He has made precise worthy contribution to the work and it has not submitted earlier for any degree to the best of my knowledge.

**27**JUNE 2003

RESEARCH GUIDE

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

R.V.

HEAD OF CHEMISTRY DEPT. SANGAMESHWAR COLLEGE.

SOLAPUR - 413003.

3 Jeshmyah

PROFESSOR & HEAD DEPARTMENT OF CHEMISTRY SHIVAJI UNIVERSITY, KOLHAPUR - 416 004.