STUDIES ON SYNTHESIS AND CHARACTERIZATION OF Co AND Ni DOPED ZINC OXIDE THIN FILMS

A DISSERTATION SUBMITTED TO

SHIVAJI UNIVERSITY, KOLHAPUR

IN PARTIAL FULLFILMENT OF THE COURSE

FOR THE DEGREE OF

MASTER OF PHILOSOPHY

IN PHYSICS

UNDER THE FACULTY OF

SCIENCE

BY

Mr. S. K. PATIL

M.Sc.

UNDER THE GUIDANCE OF

DR. K. Y. RAJPURE

M.Sc., Ph.D.

ELECTROCHEMICAL MATERIALS LABORATORY,
DEPARTMENT OF PHYSICS, SHIVAJI UNIVERSITY,
KOLHAPUR-416004, INDIA