CERTIFICATE

This is to certify that Shri. RAMESH

N. THOKALE has completed all the work

incorporated in this Dissertation under my

personal guidance.

This work is carried out to fulfil the partial requirements of his M.Phil. Degree (Physics) of SHIVAJI UNIVERSITY, KOLHAPUR.

PLACE : KOLHAPUR

DATE : 2nd June, 1994

Research Guide

(Dr. M.B. DONGARE)

M.Sc., Ph.D.

Department of Physics, Shivaji University, KOLHAPUR - 416 004.