" STUDIES ON SYNTHESIS OF SrTiO3 SUBSTRATES FOR SUPERCONDUCTING FILMS "

A DISSERTATION SUBMITTED TO THE SHIVAJI UNIVERSITY, KOLHAPUR.

> FOR THE AWARD OF THE DEGREE OF MASTER OF PHILOSOPHY IN PHYSICS

UNDER THE FACULTY OF SCIENCE

BY MRS. P. N. PAWASKAR M. Sc.

UNDER THE GUIDANCE OF **PROF. S. H. PAWAR** M. Sc., Ph. D., F. I. C. C.

ENERGY STUDIES LABORATORY DEPARTMENT OF PHYSICS, SHIVAJI UNIVERSITY, KOLHAPUR-416 004.

1992

Sux - 4214-TO 11844