## "PREPARATION, CHARACTERIZATION AND STUDY OF D. C. ELECTRICAL AND MAGNETIC PROPERTIES OF ALUMINIUM SUBSTITUTED Cu-Co FERRITE SYSTEM."

A DISSERTATION SUBMITTED TO THE SHIVAJI UNIVERSITY, KOLHAPUR.

FOR THE FULFILMENT OF THE DEGREE OF THE MASTER OF PHILOSOPHY IN PHYSICS

> BY MISS. R. D. JAKATI M. Sc.

RESEARCH GUIDE DR. B. V. KHASBARDAR M. Sc., Ph. D.

DEPARTMENT OF PHYSICS SHIVAJI UNIVERSITY, KOLHAPUR, MAHARASHTRA (INDIA)

## **SEPTEMBER 1996**