

**STUDIES ON THE MICROSTRUCTURE AND  
PHYSICAL PROPERTIES OF COPPER  
MANGANESE FERRITES**

**A Dissertation Submitted to the  
Shivaji University, Kolhapur,**

**For the Degree of  
MASTER OF PHILOSOPHY  
IN  
PHYSICS**

**BY**

**Shri. D. S. REVADKAR**

**M. Sc., B. Ed.**

**Shri Shivaji Mahavidyalaya, Barshi, Sholapur.**

**RESEARCH GUIDE**

**Dr. B. K. CHOUGULE**

**M. Sc., Ph. D.**

**DEPARTMENT OF PHYSICS,  
SHIVAJI UNIVERSITY, KOLHAPUR-416 004.  
MAHARASHTRA (INDIA )**

**JUNE 1987.**