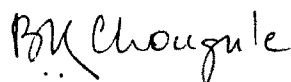


## ***CERTIFICATE***

This is to certify that the dissertation entitled **SYNTHESIS AND CHARACTERIZATION OF Ni-Mg-Zn-Co FERRITE** which is being submitted herewith for the award of Degree of Master of Philosophy in Physics of Shivaji University, Kolhapur is the result of the original research work carried out by Shri S. B. Patil under my supervision and guidance and to the best of my knowledge and belief the work embodied in this thesis has not formed earlier the basis for the award of any Degree or Diploma or similar title of this or any other University or examining body.

Place : Kolhapur



**Dr. B. K. CHOUGULE**  
Research Guide  
Department of Physics  
Shivaji University,  
Kolhapur 416004

