

D E C L A R A T I O N

I hereby declare that the work reported in this dissertation is original and carried out by me under the guidance of Prof. J.K. Zope, Solid State research laboratory, Department of Physics, Shivaji University, Kolhapur.

I further declare that this work has not formed the basis for the award of any degree, diploma or a similar title of any other Institute.

Kolhapur

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(V.G. Patil)
M.Sc.