

## DECLARATION

I hereby declare that the work reported in this dissertation is original and carried out by me under the guidance of Shri A.B.Kadam, in Department of Physics, Shivaji University Kolhapur.

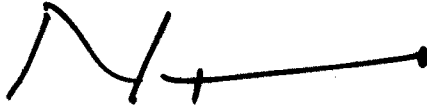
I further declare that this work has not formed the basis for the award of any degree, diploma or a similar title of any other institute.

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