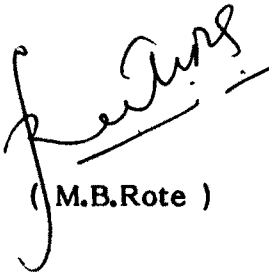


DECLARATION

I hereby declare that the work reported in this thesis is original and carried out by me under the guidance of Dr. R.D. Lawangar-Pawar, Materials 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


(M.B.Rote)