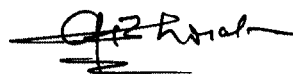


CERTIFICATE

This is to certify that the dissertation entitled "**Preparation of undoped and Al doped Conducting CdO thin films and their characterization**" which is being submitted herewith for the award of Degree of Master of Philosophy in Physics of Shivaji University, Kolhapur is the result of original research work completed by Mr. C. A. PAWAR under my supervision and guidance and to the best of my knowledge and belief the work embodied in this dissertation has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

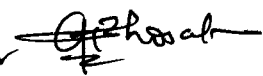
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