


C E R T I F I C A T E

This is to certify that the dissertation entitled "Preparation and Physico-chemical Characterization of Tungsten Oxide Semiconducting Thin Films" for the Degree of Master of Philosophy of the Shivaji University, Kolhapur contains the work of Shri.P.R.Patil. It is his own work and is original in nature. He has worked under my supervision for a period of one year as per the requirements of M.Phil. course of this University.

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