

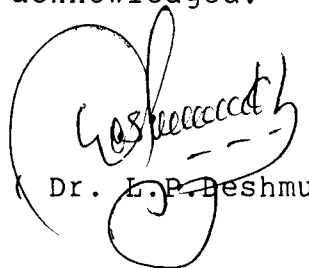
C E R T I F I C A T E

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This is to certify that the dissertation entitled "SOME INVESTIGATIONS ON CHEMICALLY DEPOSITED ARSENIC DOPED CdS THIN FILMS AND THEIR USE IN PEC CELLS ", submitted to the Shivaji University, Kolhapur for the award of the Degree of Master of Philosophy in Physics, embodies the results of a bonafide research carried out by Shri. Palwe A.B., under my guidance and supervision and that no part of the dissertation has been or is being submitted for any degree or diploma. The assistance and help received during the course of this investigation have been acknowledged.

Solapur

October 31, 1990



( Dr. L.P. Deshmukh )