

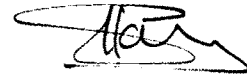
## CERTIFICATE

This is to certify that the thesis entitled, "STUDIES ON ENERGY FROM BIOMASS", which is being submitted by Mr. Jalindar V. Torane, for the degree of Doctor of Philosophy in Physics to the Shivaji University, Kolhapur, is a record of bonafide research work carried out by him under my supervision and guidance. Mr. Jalindar V. Torane fulfills all the requirements prescribed under the Ph.D. regulations of Shivaji University, Kolhapur and to my knowledge no part of the thesis has been or is being submitted to any other University or Institution for any research degree or diploma. The assistance and help received during the course of this investigation have been acknowledged.

Kolhapur

Date: 20-11-1991

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