

## CERTIFICATE

This is to certify that the thesis entitled **APPLICATIONS OF POLYPHOSPHORIC ACID IN ORGANIC SYNTHESIS**, which is being submitted herewith for the award of the Degree of Master of Philosophy in Chemistry of Shivaji University, Kolhapur is the result of the original research work completed by Miss **SHOBHA D.JADHAV**, under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this thesis has not formed earlier the basis for the award of any Degree or similar title of this or any other University or examining body.

Place: Kolhapur

Date: 29-6-93



(Dr. R. B. Mane)

Research Guide