## **CERTIFICATE**

This is to certify that the dissertation entitled, " **SYNTHETIC STUDIES IN MICHAEL ADDITION REACTION,"** 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 Shri. **MOHAMMED SHAREEF S. SOUDAGAR,** 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.

**Place : Kolhapur** 

Date : 10/ 03 / 2008 Guide

Dr. Dattaprasad M. Pore *lecturer in Chemistry* Shivaji University. Kolhapur Research Guide

Mankake

PROFESSOR & HEAD DEPARTMENT OF CHEMISTER GHIVAJI UNIVERSITY, COLHAPUB - 416 004