


■ C E R T I F I C A T E ■

I hereby certify that the entire work embodied in the dissertation entitled "VANADIUM (V) OXIDATION OF THIOSEMICARBAZIDE AND HYDRAZINE" has been carried out by Shri. M.G. Chikalkar under my guidance in the Department of Chemistry, Shivaji University, Kolhapur and that no part of it has been submitted previously for any Degree or Diploma of any other University.


Place - Kolhapur

Date -



Research Guide

(Dr. G.S. Gokavi)
Lecturer in Chemistry,
Shivaji University,
Kolhapur.



Professor & Head
Department of Chemistry
Shivaji University
Kolhapur.