

C E R T I F I C A T E

I hereby certify that the entire work in the dissertation entitled " PHOTOMETRIC DETERMINATION OF SOME METALS BY THIOSEMICARBAZONES " has been carried out by Miss J.N. Bhagare (Mrs. Thorat) under my supervision and guidance in the Department of Chemistry, Shivaji University, Kolhapur. I have found that the work is original and genuine and that any part of it has not been submitted for any Degree, diploma or membership of any University or Institute previously.

V. A. Jadhav.

Dr.(Mrs) V.A. JADHAV

Research Guide

Lecturer in Chemistry,
Shivaji University,
KOLHAPUR- 416 004

KOLHAPUR

Date : 30th Sept. 1988.