

CERTIFICATE

This is to certify that the work incorporated in this thesis is the bonafide work done by Miss S.R. Bembalkar under my guidance and supervision in the Department of Chemistry, Shivaji University, Kolhapur.

Ahavan

(Dr. A.M. Chavan),  
Reader,

Department of Chemistry,  
Shivaji University,  
Kolhapur-416 004 (India)

Kolhapur

May 25<sup>th</sup>, 1988.