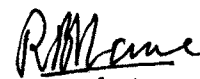


CERTIFICATE

I hereby certify that the entire work, except the microanalysis embodied in this dissertation entitled "Synthetic studies in natural products" has been carried out by Mr. Abdus Sattar under my supervision and guidance in the department of Chemistry, Shivaji University, Kolhapur and that no part of this dissertation has been submitted for any degree, diploma or membership of any university or Institute previously.



Dr. R.B. Mane

(Research Guide)
Reader in Chemistry,
Shivaji University,
Kolhapur-4

Date-9th October 1987.