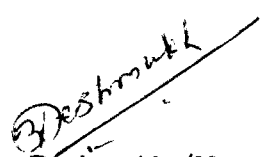


CERTIFICATE

I certify that the dissertation entitled, " SYNTHESIS OF SOME NEW N¹-SUBSTITUTED QUINOLINE DERIVATIVES " submitted by Miss P.B. Chavan for the award of Degree of Master of Philosophy in Chemistry of Shivaji University, Kolhapur, to the faculty of Science is a record of bonafied work carried out by her under my guidance and supervision.

It is further certified that she has worked under my supervision for more than six months for preparing the dissertation at Shivaji University, Kolhapur.

Kolhapur :
30th September, 1991.


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