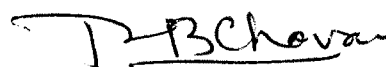


C E R T I F I C A T E

I hereby certify that the entire work embodied in the dissertation entitled " Analytical applications of newly synthesised thioligands " has been carried out by Kumari R.D. Madhale under my supervision and guidance in the Department of Chemistry, Shivaji University, Kolhapur and that any part of it has not been submitted for any degree, diploma or membership of any University or Institute previously.



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