

C E R T I F I C A T E

I hereby certify that the entire work embodied in the dissertation entitled " Role of oxidation of Mn(III) in the oxidation of some organic compounds" has been carried out by Shri. M. R. Damle under my guidance in the department of chemistry, Shivaji University, Kolhapur and that no part of it has been submitted previously for any degree or diploma of any other University.

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