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**CERTIFICATE**

This is to certify that the dissertation entitled, "KINETICS AND MECHANISM OF OXIDATION OF HYDRAZIDES BY POTASSIUM BROMATE CATALYZED BY METAL IONS." which is being submitted herewith for the award of the Degree of Master of Philosophy in CHEMISTRY of Shivaji University, Kolhapur is the result of the original research work completed by **Miss. SARIKA A. SHEWALE** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this thesis has not formed earlier the basis for the award of any Degree or similar title of this or any other University or examining body.

Place: Kolhapur  
Date: 25/ 03/ 2008

  
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