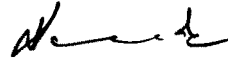


CERTIFICATE

This is to certify that the thesis entitled “**MECHANISM AND KINETICS OF NITROGEN AND PHOSPHOROUS REMOVAL IN ROOT ZONE TREATMENT OF DOMESTIC WASTE**” which is being submitted herewith for the award of the Degree of Doctor of Philosophy in Civil Engineering of Shivaji University, Kolhapur is the result of the original research work completed by Shri. Pratap G. Sonavane under my supervision and guidance and to the best of my knowledge and belief of 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: Sangli

Date: 18th June 2007



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