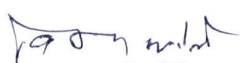


CERTIFICATE

This is to certify that the work presented in the thesis entitled **'Studies on Bioremediation process of selected nitrate ester and nitro aromatic group of explosives for safe disposal and testing efficacy of end products as manure in crop'** submitted by **Mrs. Ila Tiwari** for the Degree of Doctor of Philosophy (Ph.D.) in the subject of Environmental Science, has been carried out by the candidate in the Division of Biochemistry, Department of Chemistry and Department of Environmental Science, University of Pune; under our guidance and to our satisfaction. The material that has been obtained from other sources has been duly acknowledged in this thesis.



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