



ENLIGHTENMENT TO PERFECTION

# UNIVERSITY OF NORTH BENGAL

## DEPARTMENT OF CHEMISTRY

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### CERTIFICATE

I certify that Sujit Ghosh has prepared the thesis entitled "GREENER APPROACH TOWARDS ORGANIC TRANSFORMATIONS: APPLICATION OF TRANSITION METAL CATALYSTS AND ECO-FRIENDLY REACTION MEDIA", for the award of Ph.D. degree of the University of North Bengal, under my guidance. He has carried out the work at the Department of Chemistry, University of North Bengal. *No part of the thesis has formed the basis for the award of any degree or fellowship previously.*

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