

## CERTIFICATE

I certify that Miss Sujata Kalikotay has prepared the thesis **“Screening, Isolation and Identification of Antimicrobial and Antioxidant Substances from Some Common Lichens of Darjeeling Hills”**, for the award of Ph.D. degree of the University of North Bengal, under my guidance. She has carried out the work at P.G Department of Botany, Darjeeling Government College, University of North Bengal. No part of this thesis has been formed the basis for the award of degree or fellowship previously

Miss Kalikotay has followed the new rules and regulations (Course work) as laid down by the University of North Bengal for the fulfillment for requirement for the award of the degree of Doctor of Philosophy in Science (Botany).



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