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Certificate

I certify that Miss Sanghati Bhattacharya has prepared the thesis entitled “**Characterization and diversity of selected Actinorhizal haemoglobin genes and proteins with reference to *Alnus-Frankia symbiosis***”, for the award of Ph. D. degree of the University of North Bengal, under my guidance. She has carried out the work at the Department of Botany, University of North Bengal. The results incorporated in this thesis have not been submitted for any other degree elsewhere.

Place: Siliguri

Date: 28/08/2017



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