

**A STUDY ON ISOLATION, CHARACTERISATION AND IDENTIFICATION
OF ENDOPHYTIC BACTERIA FROM SOME MEDICINAL PLANTS OF
KOKRAJHAR DISTRICT, ASSAM**

**A THESIS SUBMITTED TO BODOLAND UNIVERSITY FOR THE AWARD OF
THE DOCTOR OF PHILOSOPHY IN THE DEPARTMENT OF
BIOTECHNOLOGY**



SUBMITTED BY

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DECLARATION

I, Debajani Das, hereby declare that the Thesis entitled “**A study on isolation, characterisation and identification of endophytic bacteria from some medicinal plants of Kokrajhar district, Assam**” is the result of my own work, carried out at the Department of Biotechnology, Bodoland University under the guidance of Prof. Sandeep Das for the degree of Doctor of Philosophy and I have not submitted it earlier elsewhere for any other degree of any other University. Due acknowledgements have been made for the assistance and help taken during my work.

Date: 11.12.2025

Place: Kokrajhar



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**THIS WORK IS DEDICATED TO MY
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CERTIFICATE

I hereby certify that the present Thesis entitled “**A study on isolation, characterisation and identification of endophytic bacteria from some medicinal plants of Kokrajhar district, Assam**” is an independent work of Miss Debajani Das submitted to Bodoland University for the award of the degree of Doctor of Philosophy (Biotechnology), has been carried out under my guidance at the Department of Biotechnology, Bodoland University. Miss Debajani Das has fulfilled all the requirements laid by the University for the award of Doctor of Philosophy in Biotechnology under the Faculty of Science and Technology.

To the best of my knowledge and belief, this work is original and has not been submitted so far in part or in full for the award of any degree or diploma of any other University/ Institute.

Date: 11.12.2025

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