



TEZPUR UNIVERSITY
(A Central Govt. University)
DEPARTMENT OF MOLECULAR BIOLOGY AND BIOTECHNOLOGY
Tezpur, 784028, Assam, India

Dr. Anand Ramteke
Associate Professor
E-mail: anand@tezu.ernet.in

Phone: +913712275407
Fax: 03712-267005/6

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CERTIFICATE OF THE PRINCIPAL SUPERVISOR

This is to certify that the thesis entitled “*Biochemical Characterization and Mechanistic Study of Heavy Metal Detoxification in the Metal Resistant Bacteria*” submitted to the School of Sciences, Tezpur University in partial fulfillment for the award of the degree of Doctor of Philosophy in Molecular Biology and Biotechnology is a record of original research work carried out by **Mr. Viveeyan Saikia** under my personal supervision and guidance.

All helps received by him/her from various sources have been duly acknowledged. No part of this thesis has been reproduced elsewhere for award of any other degree.

(**Anand Ramteke**)



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CERTIFICATE OF THE EXTERNAL EXAMINAR AND ODEC

This is to certify that the thesis entitled “**Biochemical Characterization and Mechanistic Study of Heavy Metal Detoxification in the Metal Resistant Bacteria**” submitted by Mr. Viveeyan Saikia to Tezpur University in the Department of Molecular Biology and Biotechnology under the School of Sciences in partial fulfillment of the requirement for the award of the degree of Doctor of Philosophy in Molecular Biology and Biotechnology has been examined by us on _____ and found to be satisfactory.

The Committee recommends for the award of the degree of Doctor of Philosophy.

Signature of:

Principal Supervisor

Date:

External examiner

Date: