

TEZPUR UNIVERSITY

(A Central University established by an Act of Parliament) Department of Molecular Biology and Biotechnology NAPAAM, TEZPUR-784028

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<u>CERTIFICATE</u>

This is to certify that the project entitled "Biosurfactant producing plasmid in <u>Pseudomonas</u> sp. and its mobilization" has been successfully completed by Mr. Thangminlen Kipgen a student of M.Sc. (Molecular Biology and Biotechnology) from Tezpur University, Tezpur, Assam, and it embodies the original work carried out by him. His work has been found excellent for the partial fulfillment of the requirement of the degree of M.

Sc.

This project has not been submitted in part or in full in any other university for the award of any degree or diploma.

Mr. Thangminlen Kipgen is a man of good moral character. He is dynamic and hard working. I wish him success in future.

(B. K. Konwar)

Date: 22/06/06

Place: Napram, Tezpur

<u>CERTIFICATE</u>

This is to certify that Mr. Thangminlen Kippen a student of M.Sc. in Molecular Biology and Biotechnology bearing Roll No 04700405 from the Department of Molecular Biology and Biotechnology, Tezpur University has individually completed the project entitled "Biosurfactant producing plasmid in <u>Pseudomonas</u> sp. and its mobilization" under my supervision in the Department of Molecular Biology and Biotechnology, Tezpur University, Tezpur, Assam.

Date: 23,06.06. Place: Jezpen.

Manaban Dra Mal

(M. MANDAL) Dept. of Molecular Biology and Biotechnology Tezpur University Tezpur, Assam

ACKNOWLEDGEMENT

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I take this opportunity to express my deepest sense of appreciation and profound gratitude to my supervisor Mr. Manabendra Mandal, Lecturer, Department of MBBT, Tezpur University, Assam for his valuable guidance, perceptive criticism and constant encouragement throughout my project. His keen interest, inspiring enthusiasm and advice brought this project to a stage of completion, for which I shall remain ever indebted to him.

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(THANGMINLEN KIPGEN)

Date: 23/06/2006 Place: Tezpur