



**TEZPUR UNIVERSITY**

(A Central University established by an Act of Parliament in 1994)

**Department of Molecular biology and Biotechnology**

**Napaam, Tezpur-784028**

**Assam, India**

*Prof. Ashish Kumar Mukherjee*

5401/5 (Off)

*Head of the department*

Tel: +91-3712-267007/8/9 Extn.

Fax: +91-3712-267005/6

E-mail: [akm@tezu.ernet.in](mailto:akm@tezu.ernet.in)

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**CERTIFICATE OF THE HOD OF THE DEPARTMENT**

This is to certify that *Mr. Alakesh Das*, student of the Department of Molecular Biology and Biotechnology, Tezpur University, Assam has successfully completed the project entitled *"An investigation into the effect of alternative source of silicon on a certain fresh water Diatom species grown in in-vitro culture condition"* as a requirement for partial fulfillment of his Master of Science in Molecular Biology and Biotechnology degree, under the supervision of *Prof. Alak Kumar Buragohain*, Professor, Department of Molecular Biology and Biotechnology, Tezpur University.

Date: 31/5/2010

Place: TEZPUR

Prof. Ashish Kumar Mukherjee)

Head of the Department



**TEZPUR UNIVERSITY**  
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*Prof. Alak kumar Buragohain*  
*Professor*

Tel: 03712-267007/8/9  
Fax: +91-3712-267005/6  
E-mail: alak(AT)tezu.ernet.in

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**CERTIFICATE OF THE SUPERVISOR**

This is to certify that *Mr. Alakesh Das* student of the Department of Molecular Biology and Biotechnology, Tezpur University, Assam has worked under my supervision in the project entitled "*An investigation into the effect of alternative source of silicon on a certain fresh water Diatom species grown in in-vitro culture condition*" during the period of Jan-May-2010, as a requirement for partial fulfillment of his Master of Science in Molecular Biology and Biotechnology degree. He has not previously in entirety or in part submitted this work to any University or Institute for the award of any degree or certificate.

Date: 31/05/2010

Place: TEZPUR

*Prof. Alak Kumar Buragohain*

*Professor*

## DECLARATION

I, the undersigned hereby declare that all the work contained in this project report is my own original work and that I have not previously in entirely or in part submitted this to any University or Institute for award of any degree or certificate.

Date: 31/05/2010

Signature..ALAKESH DAS.....

Place: Tezpur University, Napaam

Alakesh Das/31/05/10

(Alakesh Das)

## DEDICATION

*Dedicated to my beloved parents, my elder brother,  
my elder sister and my relatives.*

## **ACKNOWLEDGEMENT**

*At the very outset of writing this dissertation I would like to owe my gratitude to the Vice-Chancellor of Tezpur University, Prof. Mihir Kanti Choudhury for providing necessary facilities in the University Campus for successful completion of my project work.*

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