# **DECLARATION**

This project report entitled "Adsorption of cationic dye methylene blue using dried mycelia" is being submitted for partial fulfilment of the requirements for the award of "Master of Science" in Molecular Biology and Biotechnology by Tezpur University, Tezpur.

I further declare that this project or any part of it has not been submitted elsewhere for any other degree or diploma to any other university/institute.

Ruchi Shuklo (Ruchi Shukla)

Place: Tezpur University, Assam

Date: 3/6/13

## Tezpur University



### **TEZPUR UNIVERSITY**

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

Department of Molecular Biology and Biotechnology

NAPAAM, TEZPUR-784028, ASSAM, INDIA

Dr. (Mrs.) S. Baruah Head of the Department

**Tel:** +91 3712 267007 Ext 5408 **(O) Email:** sbaruah@tezu.ernet.in

# **Certificate of the Head of the Department**

This is to certify that Ms. Ruchi Shukla, Roll No. MBM11011, a student of the Department of Molecular Biology and Biotechnology, Tezpur University, Napaam, Assam has successfully completed the project work entitled "Adsorption of cationic dye methylene blue using dried mycelia" for partial fulfilment of his degree Master of Science in Molecular Biology and Biotechnology under the supervision of Dr. Rupak Mukhopadhyay, Department of Molecular Biology and Biotechnology, Tezpur University.

Place: Tezpur University

Date: 3 6 13

(Prof. S. Baruah) Head of the Department



#### **TEZPUR UNIVERSITY**

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

Department of Molecular Biology and Biotechnology

NAPAAM, TEZPUR-784028, ASSAM, INDIA

Dr Rupak Mukhopadhyay Assistant Professor Tel: +91-3712-275417 (O) Email:mrupak@tezu.ernet.in

## **CERTIFICATE BY THE SUPERVISOR**

I certify that the project entitled "Adsorption of cationic dye methylene blue using dried mycelia" submitted by Ms. Ruchi Shukla (Roll No. MBM11011) to the Department of Molecular Biology and Biotechnology, Tezpur University for partial fulfilment of M.Sc. degree embodies the record of original investigation carried out by her under my supervision. To the best of my knowledge the project account for her own findings and has not been submitted previously anywhere for any degree whatsoever by either her or anyone else.

Place: Tezpur University

Date: 3 6 13

Dr. Rupak Mukhopadhyay

Rupare Missayon

Supervisor

**ACKNOWLEDGEMENT** 

I wish to acknowledge my sincere thanks to my Supervisor, Dr. Rupak Mukhopadhyay

Department of Molecular Biology and Biotechnology, Tezpur University for his able

guidance, help and support and I do appreciate his patience and co-operation with me

throughout the project. His passion for research together with scientific reasoning has been a

source of inspiration to me.

I would also like to convey my sincere thanks to Professor Sashi Baruah, HOD, Department

of Molecular Biology and Biotechnology. I would like to offer my special thanks to all the

faculty and staff members of the department of Molecular Biology and Biotechnology for

their help and support.

My special thanks to Mr. Manash Deep Dey, for helping me throughout the project. I would

also like to thank all the Research scholars of the Department of MBBT for their constant

help and support.

I would also like to offer my sincere thanks to my lab mate, Mr. Anand bhushan and all my

friends and my family for their help and support throughout the project.

Date: 3/6/13

Ruchi Chukla

Page | 5