

DEDICATED TO MY FAMILY



TEZPUR UNIVERSITY
(A Central University)
School of Science and Technology
Department of Molecular Biology and Biotechnology
Napaam, Tezpur-784028
Assam, India

Dr. Mrs. Shashi Baruah (Ph.D.)
Associate Professor and Head
Department of Molecular Biology &
Biotechnology

Tel: +91-3712-267007/8/9 (Extn) 5401/5
Fax: +91-3712-267005/6
E-mail: sbaruah@tezu.ernet.in

CERTIFICATE BY THE HEAD OF THE DEPARTMENT

This is to certify that Miss Priyanka Roy, a student of Department of Molecular biology and Biotechnology, Tezpur University, Assam has successfully completed the project work entitled "**MICROBIOLOGICAL STUDY AND METAGENOMIC QUALITY DNA ISOLATION**" as a part of partial fulfillment of her Master of Science in Molecular Biology and Biotechnology, Tezpur University under the supervision of Prof. B. K. Konwar, Department of Molecular Biology and Biotechnology, Tezpur University.

Date:
Place:

30/05/11

(Shashi Baruah)
Head of the Department
(Tezpur University)



TEZPUR UNIVERSITY
(A Central University)
School of Science and Technology
Department of Molecular Biology and Biotechnology
Napaam, Tezpur-784028
Assam, India


Prof. B.K. Konwar, Ph.D (London), DIC
Professor of Molecular biology &
Biotechnology

Tel: +91-3712-267007/8/9 (Extn) 5400/2
Fax: +91-3712-267005/6
E-mail: bkkon@tezu.ernet.in

CERTIFICATE OF THE SUPERVISOR

This is to certify that Miss Priyanka Roy, a student of Department of Molecular biology and Biotechnology, Tezpur University, Assam has worked under my supervision in the project work entitled "**MICROBIOLOGICAL STUDY AND METAGENOMIC QUALITY DNA ISOLATION**" during the period of Jan-May, 2011, as a part of partial fulfillment of her Master of Science in Molecular Biology and Biotechnology degree. She 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: 30-05-2011
Place: TEZPUR UNIVERSITY, NAPAAM


(B.K.Konwar)
Supervisor

DECLARATION OF THE CANDIDATE

This is to declare that I, Priyanka Roy, have carried out the M.Sc. project entitled "*MICROBIOLOGICAL STUDY AND METAGENOMIC QUALITY DNA ISOLATION*" under the supervision of Prof. B.K. Konwar, in the Department of Molecular Biology and Biotechnology, Tezpur University for the partial fulfillment of the degree of Master of Science in Molecular Biology and Biotechnology . The embodied accounts of my own findings and has not been submitted previously anywhere for any degree whatsoever by me or anyone else.

Date: 28-05-2011

Place: TEZPUR

Priyanka Roy
(Priyanka Roy)

ACKNOWLEDGEMENT

At the very outset I am obliged to having had the pleasure and opportunity to work under the guidance of Prof. Bolin K. Konwar and I sincerely thank him for his keen interest, involvement, appreciation and encouragement throughout the course of this work endeavour. His pearls of wisdom and advice would stay all along with me and shall help me nurture my steps forward.

I take this opportunity to offer my regards to each and every faculty member of the Department of Molecular Biology and Biotechnology for their guidance and support throughout the course of the entire Master degree programme.

Any project will not reach proper culmination without the assistance of a senior colleague who would share with you the pains and glory of the daily efforts in trying to achieve that optimum level, that optimum standard, which would just be precise enough to help you push on to the next level. Here is where I would like to offer my deep appreciation to the Research Scholar, Kalpana Di (Ms Kalpana Sagar) who despite her busy schedule (Ph.D. work) was kind enough to assist and work with me throughout the project work.

I would like to express my profound gratitude to all my seniors and Research Scholars especially, Krishna Di, Pranjal Da, Yasir Bhaiya, Mayur Da, Pinki Di, Anganna Di, Rahul Bhaiya and Viveeyan Da along with all other Research Scholars for their help and support during the tough phases of the project work. At the same time I thank everyone, especially, Bhaskar who helped me during my sample collection from Jagiroad.

Also the presence of friends can never be undermined for it is they who pull you up when your spirits are down and pep you up ever so vehemently that your zeal would get a push to move on. A heartfelt thanks to all my batchmates, particularly, Nilam, Samanwita, Chenole and all others.

Any appreciable word would be less to thank my revered parents and my elder brother who have always stood with and behind me in all my efforts. Thanks for being there for me.

Above all I thank God for everything.

Date: 28-05-2011

Priyanka Roy
(Priyanka Roy)