DEDICATED

TO

PIOUS FEET OF

MY

BELOVED PARENTS

DECLARATION

The project report titled "Amino acid preferences

intrinsically disordered proteins" is being submitted for partial

fulfillment 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.

Date:

01/06/2012

Place: Tezpur University, Assam

Ninj Singl. Niraj Singh



TEZPUR UNIVERSITY

(A Central University established by an Act of Parliament)

Department of Molecular Biology and Biotechnology

NAPAAM, TEZPUR-784028

ASSAM, INDIA

Dr. (Mrs.) S. Baruah Head **Tel:** +91 3712 27 5408 **(O) Email:** sbaruah@tezu.ernet.in

Certificate of the Head of the Department

This is to certify that Mr. NIRAJ SINGH, Roll No. MBM10011 is a student of the Department of Molecular Biology and Biotechnology, Tezpur University, Napaam, Assam has successfully completed the project work entitled "Amino acid preferences in intrinsically disordered proteins" for partial fulfillment of his degree Master of Science in Molecular Biology and Biotechnology under the supervision of Dr. Anupam Nath Jha, Department of Molecular Biology and Biotechnology, Tezpur University.

Place: Tezpur University

Dated:

Head, Dept. of MBBT, T.U.

Head of the department



TEZPUR UNIVERSITY

(A Central University established by an Act of Parliament)

Department of Molecular Biology and Biotechnology

NAPAAM, TEZPUR-784028

ASSAM, INDIA

Dr. Anupam Nath Jha Assistant Professor **Tel:** +91 3712 27 5416 (**O**) **Email-** anjha@tezu.ernet.in

CERTIFICATE BY THE SUPERVISOR

I certify that the project entitled "Amino acids preferences in intrinsically disordered proteins" submitted by Mr. Niraj Singh (MBM10011) to the Department of Molecular Biology and Biotechnology, Tezpur University in partial fulfillment of M.Sc. degree embodies the record of original investigation carried out by him under my supervision. To the best of my knowledge the Project embodies account for his own findings and has not been submitted previously anywhere for any degree whatsoever by either him or anyone else.

Place: Tezpur University

Date: 31/05/12

Arupam Nath Jha

ACKNOWLEDGEMENT

This gives me immense pleasure to acknowledge the valuable contribution offered to me by my Supervisor **Dr. Anupam Nath Jha**, Assistant Professor, Department of Molecular Biology and Biotechnology, Tezpur University, Tezpur, Assam, for his continuous guidance and encouragement throughout the period of the project. His meticulous ideas and patience has helped me bring the best out of me.

I am grateful to **Dr. Sashi Baruah**, HoD, Department of Molecular Biology and Biotechnology, Tezpur University, Tezpur, Assam for providing me support and facilities required for the project work. I am also thankful to all the faculty members of Department of Molecular Biology and Biotechnology.

I gratefully acknowledge the active co-operation, affection and encouragement which I got from my parents and Dr Vikash Singh.

I would also like to thank Pradeep Salam, Abhishek Hans and Kalpana didi, research scholar MBBT for their help and support.

I would also like to thank Pranjal Pratim Das and all my class-mates for the help and support I received during the course of the project work.

Date 11/06/70/2
Place: Tezpur University

MrajSimL Niraj Singh