

---

---

## **DECLARATION**

*This project report 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*

  
Signature

(Prakash Konwar)

Place: Tezpur University, Assam

Date: 29/05/2014

Roll No. MBM 12004



## TEZPUR UNIVERSITY

(A Central University established by an Act of Parliament)

Department of Molecular Biology and Biotechnology

Napaam, Tezpur-784028

Assam, India

Dr. S.K. Ray  
Head of Department

275401  
Tel No. 03712 ~~207007~~ (Off)  
Email: [suven@tezu.ernet.in](mailto:suven@tezu.ernet.in)

### Certificate of the Head of the Department

*This is to certify that Sri Prakash Konwar, Roll No. MBM12004 is a student of the Department of Molecular Biology and Biotechnology, Tezpur University, Napaam, Assam has successfully completed the project work entitled “**CHARACTERISATION OF  $\alpha$ -Synuclein PROTEIN AGGREGATION PATHWAY USING COMPUTATIONAL TECHNIQUES**” for partial fulfillment of his degree Master of Science in Molecular Biology and Biotechnology under the supervision of Dr. M.V Satish Kumar, Department of Molecular Biology and Biotechnology, Tezpur University.*

Place: Tezpur University

Dated: 4/6/2014

Dr. Suendra Kumar Ray

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. M. Venkata Satish Kumar  
Assistant Professor

Tel No.03712-275443  
Email: venkata@tezu.ernet.in

### CERTIFICATE BY THE SUPERVISOR

*I certify that the project entitled "**CHARACTERISATION OF  $\alpha$ -Synuclein PROTEIN AGGREGATION USING COMPUTATIONAL TECHNIQUES**" submitted by Sri Prakash Konwar (MBM12004) 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 her under my supervision. To the best of my knowledge the Project embodies 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: 31/05/2014

(Dr. M. Venkata Satish Kumar)

Assistant Professor

---

---

## **ACKNOWLEDGEMENT**

*With immense source of gratitude and admiration, I express my sincere thanks to my supervisor, Dr. M.Venkata Satish Kumar, for his valuable and creative suggestions, and constant guidance, criticism and unistinted cooperation throughout the period of my project. I am most indebted to him for exposing me to this exciting and interesting ield of research.*

*I am thankful with immense pleasure to all the faculty members and research scholars of Department of Molecular Biology and Biotechnology of their valuable guidance and constant encouragement during the work. I wish to my lab partners and other friends for their support and help.*

*Finally, I owe my encompassing debt to my parents and family members whose silent love and blessing were the source of my strength.*

*I humble myself with reverence before the grance and glory of Almighty for blessing me with wishdom, knowledge and good health throughout the project period.*

Date:

Place: Tezpur University,

(Prakash Konwar)

TEZPUR

---

---