

# TEZPUR UNIVERSITY

SCHOOL OF ENERGY, ENVIRONMENT & NATURAL RESOURCES

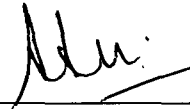
DEPARTMENT OF ENERGY

## Forwarding Certificate

I hereby recommend that the thesis prepared under my supervision by **Rupam Konwar** entitled “**Analysis of Wind Data and Feasibility of Harnessing Wind Power at Low Wind Speed**” be accepted in partial fulfillment of the requirements for the degree of Master of Technology in Energy Technology.

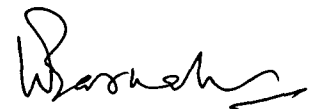
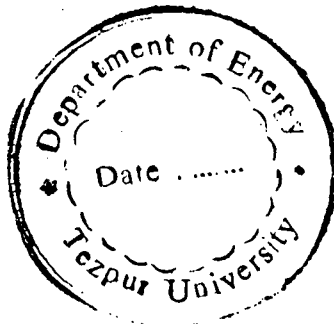


(Prof. D. C. Baruah)  
**Supervisor**  
Department of Energy



(Prof. S. K. Samdarshi)  
**Head**

Department of Energy  
Department of Energy  
TEZPUR UNIVERSITY  
Tezpur - 784028, Assam



(Prof. K. K. Baruah)

**Dean**  
School of Energy, Environment  
& Natural Resources  
**Dean**

School of Energy  
Environment & Natural Resources  
Tezpur University

# TEZPUR UNIVERSITY

SCHOOL OF ENERGY, ENVIRONMENT & NATURAL RESOURCES

DEPARTMENT OF ENERGY

## Certificate of approval

The foregoing thesis by **Rupam Konwar** (ENE 08014) is hereby approved as a creditable study carried out and presented in a manner satisfactory to warrant its acceptance as a pre-requisite to the degree for which it has been submitted. It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein but approve only for the purpose for which it is submitted.

*Committee*

*On*

*Final Examination for*

*Evaluation of thesis*



---

---

## ACKNOWLEDGEMENTS

I am extremely happy to express my thanks and profound sense of gratitude to Prof. Debendra C. Baruah, Department of Energy, Tezpur University, for his invaluable guidance and help in all stages of this work.

I am grateful to Prof. S. K. Samdarshi, Head, Department of Energy, Tezpur University, for his official initiatives, valuable suggestions and guidance.

I am grateful to Prof. D. Konwar, Department of Energy, Tezpur University, for his official initiatives, valuable suggestions and guidance.

I am grateful to Dr. D. Deka, Associate Prof., Department of Energy, Tezpur University, for his valuable suggestions and guidance during my project work.

I am grateful to Mr. S. Mahapatra, Associate Prof., Department of Energy, Tezpur University, for his co-operations and guidance during my project work.

I am grateful to Dr. Rupam Kataki, Department of Energy, Tezpur University, for his valuable suggestions and co-operations during my project work.

I am grateful to Sri P. K. Chaudhury, Technical Officer, Department of Energy, Tezpur University, for his co-operation.

I am very grateful to Asst. Prof. Riku Chutia, Department of Electronics Engineering, Tezpur University for offering their helping hand in my project work.

I am grateful to Mr. Munmun Hiloidhari, Energy Conservation Lab, Department of Energy, Tezpur University, for his valuable suggestions and co-operations during my project work.

I am very thankful to Workshop staff of Mechanical department for offering me fabrication facility in all the way of my project work.

I would like to offer my sincere thanks to Dipal Baruah, Smriti Chetia, Haradeep Mahilary and Sanjib Hazarika for helping me in all respect.

Last but not at least, I would like to offer my sincere thanks to entire faculty, staff and students of Department of Energy, Tezpur University, who coordinated all the activities and assisted in timely completion of this work and provide their valuable suggestions and guidelines.

