

Tezpur University

Certificate

This is to certify that Mayank Shekhar bearing Enrolment No.CSI12007 has prepared the dissertation report entitled A Grid Based Quorum Energy-Saving MAC Protocol Design for Wireless Sensor Networks.

The dissertation is the result of his effort and endeavors. The dissertation is found worthy of acceptance for the award of Master of Technology in Information Technology. He has worked under the supervision and guidance of Dr. Dinesh Dash.

Signature of HoD 73

(Prof. S. M. Hazarika)

Designation:Professor

Department: CSE
Tezpur University



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Certificate

This is to certify that Mayank Shekhar bearing Enrolment No.CSI12007 has prepared the dissertation report entitled A Grid Based Quorum Energy-Saving MAC Protocol Design for Wireless Sensor Networks. The work was done under my supervision and guidance.

The dissertation is the result of his effort and endeavors. The dissertation is found worthy of acceptance for the award of Master of Technology in Information Technology.

Dimenh Danh 26.5.2014

Signature of Supervisor

(Dr. Dinesh Dash)

Designation: Assitant Professor

Department: CSE Tezpur University



Tezpur University

Certificate

This dissertation entitled "A Grid Based Quorum Energy-Saving MAC Protocol Design for Wireless Sensor Networks" submitted by Mayank Shekhar, Enrolment.No. CSI12007 for partial fulfillment of the requirements for the degree of Master of Technology in Information Technology at Tezpur University has been examined by us and found to be satisfactory.

Internal Examiner

Date: 26 05 2014

Profess: Separtment of Com.

External Examiner

Date: 26-05-14

EXTERNAL EXAMINER

Declaration

I, Mayank Shekhar, hereby declare that the thesis entitled "A Grid Based Quorum Energy-Saving MAC Protocol Design for Wireless Sensor Networks" submitted to the Department of Computer Science and Engineering under the School of Engineering, Tezpur University, in partial fulfillment of the requirements for the award of the degree of Master of Technology is based on bonafide work carried out by me. The results embodied in this thesis have not been submitted in part or in full, to any other university or institute for award of any degree or diploma.

Mayork Steller (Mayank Shekhar)

Acknowledgement

Its my great pleasure to show due regards to persons involved in bringing out successful completion of the thesis work entitled A Grid Based Quorum Energy-Saving MAC Protocol Design for Wireless Sensor Networks undertaken by me as a prerequisite towards partial fulfillment for the award of Master of Technology with specialization 'Information Technology' at Tezpur University.

I am highly grateful to Dr. Shyamanta M.Hazarika, Head of the Department, Department of Computer Science & Engineering, Tezpur University, for his constant support in providing necessary facilities during the course of the work. I extend my sincere thanks to other faculty members, research scholar and laboratory staff of the Department, for their generous help in various ways for the completion of the work.

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Mayark Shekhar