




Tezpur University

Certificate

This is to certify that Amiya blusan Bagjadab bearing Enrolment No.CSI13028 has prepared the dissertation entitled *Mobile Sink based Data Gathering Protocol in Wireless Sensor Networks Using Genetic Algorithm*.

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. Arindam Karmakar.

To the best of my knowledge, the matter embodied in the thesis has not been presented anywhere else for any other degree.



Signature of HoD
(Dr. Shyamanta M Hazazrika)
Designation: Professor
Department: CSE
Tezpur University

Head
Department of Computer Science & Engg.
Tezpur University



Tezpur University

Certificate

This is to certify that the dissertation entitled "Mobile Sink based Data Gathering Protocol in Wireless Sensor Networks Using Genetic Algorithm" submitted to the Department of Computer Science and Engineering, Tezpur University, in partial fulfillment for the award of the degree of Master of Technology in Information Technology, is a record of bona fide work carried out by Amiya bhusan Bagjadab, Roll No CSI13028 under my supervision and guidance.

All help received from him from various resources have been dully acknowledged.

No part of this dissertation has been submitted elsewhere for any other degree.

Place: Tezpur

Date: 01/06/15

Signature of Supervisor
(Dr. Arindam Karmakar)
Designation: Assitant Professor
Department: CSE
Tezpur University



Tezpur University

Certificate

This dissertation entitled "*Mobile Sink based Data Gathering Protocol in Wireless Sensor Networks Using Genetic Algorithm*" submitted by Amiya bhusan Bagjadab, Enrolment.No. CSI13028 for partial fulfilment 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.

Borah
01/06/15

Internal Examiner

Date:

Amiya
01/06/15

External Examiner

Date:

**EXTERNAL
EXAMINER**

Declaration

I, Amiya bhusan Bagjadab, hereby declare that the thesis entitled "*Mobile Sink based Data Gathering Protocol in Wireless Sensor Networks Using Genetic Algorithm*" 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.



(Amiya bhusan Bagjadab)

Acknowledgement

It is my great pleasure to show due regards to persons involved in the Progress of the project entitled "Mobile Sink based Data Gathering Protocol in Wireless Sensor Networks Using Genetic Algorithm " undertaken by me as a prerequisite towards partial fulfilment for the award of M.Tech in Information Technology at Tezpur University.

It would not possible for me to achieve the success with my effort alone. There were a lot of people who extended their supportive hands towards me in the way of making my work a success.

I would like to express my deep and sincere gratitude to my supervisors Dr. Arindam Karmakar and Dr. Dinesh Dash for their immense help and support during the project. This work could not have reached the present form without his help and assistance.

I would also thank Dr. Shyamanta M Hazazrika, Professor and Head of Department of Computer Science and Engineering, Tezpur University for granting us the opportunity to pursue the project and I would like to acknowledge everyone who contributed directly or indirectly for the fulfilment of this project work.