



DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
TEZPUR UNIVERSITY

NAPAAM, TEZPUR-784028,
ASSAM: INDIA

CERTIFICATE

This is to certify that **Sourav Hazarika (CSI 11016)** has successfully completed the project entitled “**Detection of Wormhole Attack in Adhoc Routing Protocol**”. This work was done under my supervision and guidance.

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

Date: 29-05-2013

Place: Tezpur

A handwritten signature in blue ink, appearing to read 'Nityananda Sarma'.

(Prof. Nityananda Sarma)

Professor, Dept. of CSE

Tezpur University



DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
TEZPUR UNIVERSITY

NAPAAM, TEZPUR-784028,
ASSAM: INDIA


CERTIFICATE

This is to certify that **Sourav Hazarika (CSI 11016)** has successfully completed the project entitled “**Detection of Wormhole Attack in Adhoc Routing Protocol**”. This work was done under the supervision and guidance of Prof. Nityananda Sarma.

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

Date: 29.05.13.

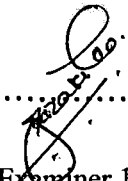
Place: Tezpur


29.05.13 -
(Prof. Utpal Sharma)

Professor, HOD,
Dept. of CSE, Tezpur University
Head
Department of Computer Science & Engg.
Tezpur University

CERTIFICATE

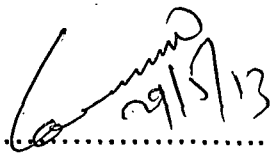
The dissertation entitled “**Detection of Wormhole Attack in Adhoc Routing Protocol**” submitted by **Sourav Hazarika (CSI 11016)** for partial fulfillment of the requirements for the degree of **Master of Technology in Information Technology**, Tezpur University has been examined.

.....

Internal Examiner 1

Date: 29 May, 2013
Place: Tezpur University

.....
Internal Examiner 2

Date: 29 May, 2013
Place: Tezpur University

.....

External Examiner


Date: 29 May, 2013
Place: Tezpur University

DECLARATION

I hereby declare that the dissertation work entitled “**Detection of Wormhole Attack in Adhoc Routing Protocol**” submitted to the **Department of Computer Science and Engineering, Tezpur University** is prepared by me and contains no material which has been accepted for the award of any other degree or diploma in any other institution.

Date: 29/05/2013

Place: Tezpur


(Sourav Hazarika)

ACKNOWLEDGEMENT

I take this opportunity to express my deepest appreciation to all the people who have been instrumental in successful completion of my project work entitled “Detection of Wormhole Attack in Adhoc Routing Protocol”

First and foremost, I would like to extend my heartfelt gratitude to my project guide Prof. Nityananda Sarma, Professor, Department Of Computer Science And Engineering, Tezpur University, for giving me the opportunity to work under him. If it was not for his ample guidance and constant supervision throughout the course of my work, this project would not have materialized. I am highly indebted to him for the same.

My sincere thanks go to Prof. Utpal Sharma, Head, Department Of Computer Science and Engineering, for his co-ordination in extending every possible facility for this project.

I would also like to thank Mr. Partha Kakoti and Mr. Nabajyoti Medhi, for providing me with valuable information related to my project work, which proved crucial in the successful completion of this project. Special thank also goes to Mr. Ajay Kr. Sharma, Technical Assistant for helping me in coordinating the lab equipments as per my requirements.

Last but not the least, my thanks and appreciation goes to all the people who have directly or indirectly provided full support towards the completion of this project within the limited time frame.

Sourav Hazarika