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CERTIFICATE

This is to certify that the project report entitled "*Performance enhancement of IEEE 802.11 Distributed Coordinated Function (DCF)*" submitted by **Somajoti Dutta** and **Avinash Kumar Konda** bearing Roll No: **CSB-10015, CSB-10041** respectively, is an authentic fulfillment of the requirements and the regulations for the award of the degree of **Bachelor of Technology** with specialization '**Computer Science and Engineering**' during the session 2010-14 at Tezpur University.

To the best of my knowledge, the matter embodied in the project report has not been submitted to any other university/ institute for the award of any Degree or Diploma.

Date: 26-05-2014
Place: Tezpur University

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

Dr. Nityananda Sarma
Professor
Department of CSE,
Tezpur University



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Date: 26-05-2014

Place: Tezpur University


Head
Department of Computer Science & Engineering
Tezpur University

Prof. Shyamanta M. Hazarika
Head,
Department of CSE,
Tezpur University



**DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
TEZPUR UNIVERSITY**

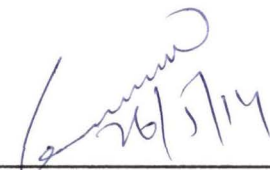
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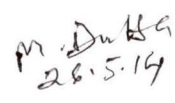
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 External Examiner
 Date: 26/5/14
 Place: Tezpur University
EXTERNAL EXAMINER


 Internal Examiner
 Date: 26.5.14
 Place: Tezpur University
 Department of Computer Science & Engg.
 Tezpur University


 Internal Examiner 2
 Date: 26/5/14
 Place: Tezpur University
 Assistant Professor
 Department of Computer Science & Engg.
 Tezpur University

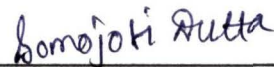
DECLARATION

We hereby declare that the project work “**Performance Enhancement of IEEE 802.11 Distributed Coordinated Function (DCF)**” submitted for partial fulfilment of the requirements and the regulations for the award of the degree of **Bachelor of Technology** with specialization ‘**Computer Science and Engineering**’ during the session 2010-14 at Tezpur University.

The project is prepared by us and has not been submitted to any other university/institute for the award of any Degree or Diploma.

Date: 26-05-2014.

Place: Tezpur University



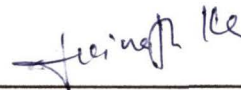
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Acknowledgement

It's our great pleasure to show due regards to persons involved in bringing out successful completion of the thesis entitled "*Performance enhancement of IEEE 802.11 Distributed Coordination Function*" undertaken by us as a prerequisite towards partial fulfilment for the award of the degree of *Bachelor of Technology* at Tezpur University.

It would not be possible for us to achieve success with our efforts alone. There were a lot of people who extended their supportive hands towards us in the way of making our work a success. It is a pleasure to convey our gratitude to all of them.

First of all, We would like to express our deep sense of respect and gratitude towards our advisor and guide *prof. Nityananda Sarma*, who has been the guiding force behind this project work. We are greatly indebted to him for his constant encouragement, invaluable suggestions and support from an early stage of this project and providing us extraordinary experiences throughout the work. We consider it as our good fortune and proud to record that we had the opportunity to work with such a wonderful person.

We are highly grateful to *prof. 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. We extend our sincere thanks to other faculty members and laboratory staff of the Department, for their generous help in various ways for the completion of the work.

We are especially indebted to our parents and friends for their love, sacrifice, and support. Finally, we extend our gratefulness to all those who are directly or indirectly involved in this work.