



Tezpur University

Certificate

This is to certify that Dipjyoti Deka bearing Enrollment No.CSI13022 has prepared the dissertation entitled "*Capacity Constraint Distributed Data Dissemination Protocol for Ad-hoc Cognitive Radio 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 Mr. Sanjib Kumar Deka.

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

Signature of HoD
(Prof. S.M. Hazarika)
Department: CSE
Tezpur University

Head
Department of Computer Science & Engg.



Tezpur University

Certificate

This is to certify that the dissertation entitled "*Capacity Constraint Distributed Data Dissemination Protocol for Ad-hoc Cognitive Radio Networks*" 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 **Mr. Dipjyoti Deka**, Roll No CSI13022 under my supervision and guidance.

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

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

Place : Tezpur

Date: 01.06.15

(Sanjib Kumar Deka)

Assistant Professor

Supervisor



Tezpur University

Certificate

This dissertation entitled "*Capacity Constraint Distributed Data Dissemination Protocol for Ad-hoc Cognitive Radio Networks*" submitted by Dipjyoti Deka, Enrollment.No. CSI13022 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.

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

B. B. B. B.
21/06/2015

Internal Examiner

Date:

[Signature]
21/08/15

External Examiner

Date:

**EXTERNAL
EXAMINER**

Declaration

I, Dipjyoti Deka, hereby declare that the thesis entitled "*Capacity Constraint Distributed Data Dissemination Protocol for Ad-hoc Cognitive Radio 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 bona fide work carried out by me. The thesis work has not been presented anywhere else for any other degree.



(Dipjyoti Deka)

Acknowledgment

Its my great pleasure to show due regards to persons involved in bringing out successful completion of the thesis work entitled "*Capacity Constraint Distributed Data Dissemination Protocol for Ad-hoc Cognitive Radio Networks*" undertaken by me as a prerequisite towards partial fulfillment for the award of Master of Technology with specialization 'Information Technology' at Tezpur University

It would not possible for me to achieve 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. It is a pleasure to convey my gratitude to all of them.

First of all, I would like to express my deep sense of respect and gratitude towards my advisor and guide Mr. Sanjib Kumar Deka, who has been the guiding force behind this Project work. I am greatly indebted to him for his constant encouragement, invaluable suggestions and support from an early stage of this research and providing me extraordinary experiences throughout the work. I consider it as my good fortune and proud to record that I had the opportunity to work with such a wonderful person.

Secondly, I would like to express my profound gratitude to Dr. Nityanada Sarma, for his constructive criticism and valuable suggestion and for allowing me to soak his knowledge and experience. His technical knowledge and company at the time of crisis would be remembered lifelong.

I am especially indebted to my parents for their love, sacrifice, and support. I would like to thank for all the thoughtful and mind stimulating discussions we had, which prompted me to think beyond the obvious.

Finally, I extend my gratitude to ICT4SD- 2015 (International Conference on ICT for Sustainable Development) for consideration of my work for publication.

Dipjyoti Deka