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Certificate

This is to certify that the thesis entitled “**Opportunity Detection and Channel Allocation for Cognitive Radio Networks**” submitted to Tezpur University in the Department of Computer Science and Engineering under the School of Engineering in partial fulfilment of the award of the degree of Doctor of Philosophy in Computer Science and Engineering is a record of research work carried out by **Sanjib Kumar Deka** under my supervision and guidance.

All helps received by him from various sources have been duly acknowledged. No part of this thesis has been submitted elsewhere for award of any other degree.

Signature of Supervisor
(Nityananda Sarma)

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Certificate

This is to certify that the thesis entitled “**Opportunity Detection and Channel Allocation for Cognitive Radio Networks**” submitted by **Sanjib Kumar Deka** to Tezpur University in the Department of Computer Science and Engineering under the School of Engineering in partial fulfilment of the requirements for the award of the degree of Doctor of Philosophy in Computer Science and Engineering has been examined by us on and found to be satisfactory.

The Committee recommends for award of the degree of Doctor of Philosophy.

Signature of Principal Supervisor

Signature of External Examiner

