

TEZPUR UNIVERSITY

CERTIFICATE

This is to certify that **Manabendra Borthakur**, bearing roll number **CSI13005**, has carried out the dissertation entitled "*Modeling Diachronic and Synchronic Sound Changes in Assamese*" for partial fulfillment of the requirements and the regulations for the award of the degree of Master of technology in Information Technology at Tezpur University.

This dissertation is the result of his effort and endeavours. He has worked under the supervision and guidance of Prof. Smriti Kumar Sinha.

Dr. Shymanta M Hazarika Professor and Head Department of CSE **Tezpur University**

Head Department of Computer Science & Engg. Tezpur University

Date: Place: Tezpur



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CERTIFICATE

This is to certify that the dissertation entitled "*Modeling Diachronic and Synchronic Sound Changes in Assamese*" 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. **Manabendra Borthakur**, Roll number **CSI13005**, under my supervision and guidance.

All help received by him from various sources have been duly acknowledged.

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

(Smriti Kumar Sinha) Professor Supervisor Department of CSE

Date: 01 June 2015 Place: Tezpur



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CERTIFICATE

The dissertation entitled "*Modeling Diachronic and Synchronic Sound Changes in Assamese*" by Manabendra Borthakur bearing Roll No. CSI13005 under the guidance of Professor Smriti Kumar Sinha in partial fulfillment of the requirements for the award of the degree of Master of Technology in Information Technology at Tezpur University has been examined and found satisfactory.

65

Internal Examiner Date: Place: Tezpur University

External Examiner Date: Place: Tezpur University

EXAMINER

DECLARATION

I hereby declare that the work presented in this dissertation entitled "*Modeling Diachronic and Synchronic Sound Changes in Assamese*" is an authentic record of my own work carried out under the supervision of **Dr**. **Smriti Kumar Sinha**, Professor, Department of Computer Science and Engineering, Tezpur University, Assam. The matter embodied in this project has not been submitted for the award of any other degree anywhere.

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Manabendra Borthakur Roll No: CSI 13005 M.Tech. (Information Technology),4th Semester Department of Computer Science and Engineering Tezpur University

Date: 01,06.2015 Place: Tezpur

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ManabendraBortha 01/06/15

(Manabendra Borthakur)