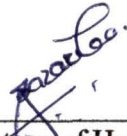# Tezpur University

Certificate

This is to certify that Manas Protim Baruah, bearing Enrollment. No. CSI13011 has prepared the dissertation entitled *"Study on use of Clustering in the Design of HMM for Trust Time Series Analysis"*.

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. Sarangthem Ibotombi Singh.

To the best of my knowledge, the matter embodied in the thesis has not been presented anywhere else for any other degree.

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

Tezpur University

Certificate

This is to certify that the dissertation entitled *"Study on use of Clustering in the Design of HMM for Trust Time Series Analysis"*, 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. Manas Protim Baruah**, Roll No CSI13011 under my supervision and guidance.

All help received by him from various resources have been dully acknowledged.

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

Place: Tezpur
Date: 29/5/15

_____
(Mr. S. Ibotombi Singh)
Assistant Professor
Supervisor

Tezpur University

Certificate

This dissertation entitled *"Study on use of Clustering in the Design of HMM for Trust Time Series Analysis"*, submitted by Manas Protim Baruah, Enrollment. No. CSI13011 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.

Internal Examiner
Date:

External Examiner
Date:

Declaration

I, Manas Protim Baruah, hereby declare that the thesis entitled *"Study on use of Clustering in the Design of HMM for Trust Time Series Analysis "* 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 bonafide work carried out by me. The thesis work has not been presented anywhere else for any other degree.

Date : 1/6/2015
Place: Tezpur

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Acknowledgment

It is my great pleasure to show due regards to persons involved in bringing out successful completion of the thesis work entitled *" Study on use of Clustering in the Design of HMM for Trust Time Series Analysis"* undertaken by me as a prerequisite towards partial fulfillment for the award of Master of Technology with specialization 'Information Technology' at Tezpur University

First of all, I would like to express my deep sense of respect and gratitude towards my advisor and guide Mr. Sarangthem Ibotombi Singh, 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.

Manas Protim Baruah