

# Tezpur University

## Certificate

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This is to certify that the project report entitled "*An Empirical Evaluation for high-rate DDoS attack detection using F-divergence*", submitted to the Department of Computer Science and Engineering, Tezpur University, in partial fulfillment for the award of the degree of **Master of Computer Application**, is a record of bona fide work carried out by **Tribeni Goswami**, Roll No CSM12033 under my supervision and guidance.

All help received from her from various resources have been dully acknowledged.

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

Place: Tezpur

Date 26/15

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(Mr. Debojit Boro)  
Assistant Professor  
Supervisor



# Tezpur University

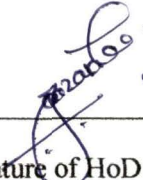
## Certificate

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This is to certify that Tribeni Goswami, bearing Enrollment. No. CSM12033 has prepared the project report entitled "*An Empirical Evaluation for high-rate DDoS attack detection using F-divergence*".

The project is the result of his effort and endeavors. The project is found worthy of acceptance for the award of Master of Computer Application. She has worked under the supervision and guidance of Mr. Debojit Boro.

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

*Head*  
Department of Computer Science & Engg.  
Tezpur University

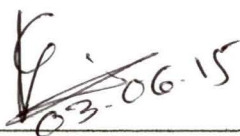


# Tezpur University

## Certificate

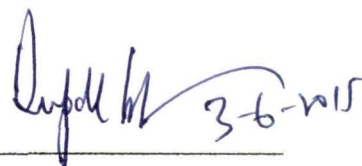
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This project report entitled "*An Empirical Evaluation for high-rate DDoS attack detection using F-divergence*", submitted by Tribeni Goswami, Enrollment. No. CSM12033 for partial fulfillment of the requirements for the degree of Master of Computer Application at Tezpur University has been examined by us and found to be satisfactory.

  
03-06-15

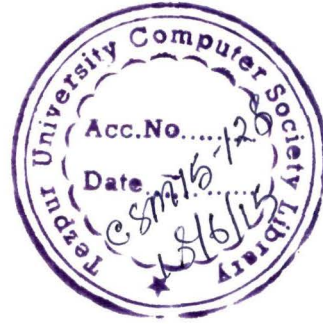
Internal Examiner  
Date:

**Professor**  
Department of Computer Science & Engg.  
Tezpur University

  
3-6-15

External Examiner  
Date:

EXTERNAL  
EXAMINER



## **DECLARATION**

I hereby declare that this project report entitled

### **AN EMPIRICAL EVALUATION FOR HIGH-RATE DDoS ATTACK DETECTION USING F-DIVERGENCE**

is written by me and is my own effort and that no part has been plagiarized without citations.

Date: 2/6/15  
Place: Tezpur

Tribeni Goswami

Tribeni Goswami,  
MCA, CSM12033  
Department of CSE,  
Tezpur University.

## Acknowledgements

I am highly indebted to my project guide **Mr. Debojit Boro**, Assistant Professor of CSE department, Tezpur University, who has been the guiding force behind this project work. His constant encouragement, invaluable suggestions and support from an early stage of this research has been the key ingredients for the success of my project work. I consider it as my good fortune and proud to record that I had the opportunity to work with such a wonderful person.

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I would also like to express my gratitude to other staff members of Computer Science & Engineering department, of Tezpur University, for providing academic inputs, guidance and encouragement throughout this period. My thanks and an appreciation also goes to the people who have willingly helped me out with their abilities in developing the project.

Tribeni Goswami.