



Tezpur University

Certificate

This is to certify that Anupam Gohain bearing Enrolment No.CSI12002 has prepared the dissertation entitled *Application Layer DDoS attack detection using machine learning approach*.

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 Dr. Dhruba Kr. Bhattacharyya.

Signature of HoD

(Dr. Shyamanta M Hazarika)

Designation: Professor

Department: CSE

Tezpur University

Head
Department of Computer Science & IT
Tezpur University



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This is to certify that Anupam Gohain bearing Enrolment No.CSI12002 has prepared the dissertation entitled *Application Layer DDoS attack detection using machine learning approach*. The work was done under my supervision and guidance.

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.

Signature of Supervisor
(Dr. Dhruva Kr. Bhattacharyya)
Designation: Professor
Department: CSE
Tezpur University



Tezpur University

Certificate

This dissertation entitled "*Application Layer DDoS attack detection using machine learning approach*" submitted by **Anupam Gohain**, Enrolment.No. **CSI12002** for partial fulfilment 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: 26/05/2014

Professor

Department of Computer Science & Technology
Tezpur University

External Examiner

Date: 26-05-14

**EXTERNAL
EXAMINER**

Declaration

I, Anupam Gohain, hereby declare that the thesis entitled "*Application Layer DDoS attack detection using machine learning approach*" 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 results embodied in this thesis have not been submitted in part or in full, to any other university or institute for award of any degree or diploma.

(Anupam Gohain)

Acknowledgement

It is my great pleasure to show due regards to persons involved in bringing out my successful completion of the project work entitled *Application Layer DDoS attack detection using machine learning approach* undertaken by me as a prerequisite towards partial fulfillment for the award of M.Tech in Information Technology at Tezpur University.

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I dedicate this thesis to those who believed in me, my parents and family.

Anupam Gohain