



## Tezpur University

### Certificate

---

This is to certify that Kausthav Pratim Kalita bearing Enrolment No.CSI12014 has prepared the dissertation report entitled *An Approach Towards Preventing DDoS Flooding Attack Using Bandwidth Comparison Method*.

The dissertation is the result of his effort and endeavours. 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 K Bhattacharyya.

  
Signature of HoD

(Dr. Shyamanta M Hazarika )

Designation: Professor

Department: CSE

Tezpur University

Head

Department of Computer Science & Engg  
Tezpur University



## Tezpur University

### Certificate

---

This is to certify that Kausthav Pratim Kalita bearing Enrolment No.CSI12014 has prepared the dissertation report entitled *An Approach Towards Preventing DDoS Flooding Attack Using Bandwidth Comparison Method*. The work was done under my supervision and guidance.

The dissertation is the result of his effort and endeavours. The dissertation is found worthy of acceptance for the award of Master of Technology in Information Technology.

---

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



## Tezpur University

### Certificate

---

This dissertation entitled *An Approach Towards Preventing DDoS Flooding Attack Using Bandwidth Comparison Method* submitted by Kausthav Pratim Kalita, Enrolment.No. CSI12014 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.

*Dr. Jyoti*

Internal Examiner

Date: 28/05/14

**Professor**

Department of Computer Science & Engg.  
Tezpur University

*Lalip*

External Examiner

Date: 28-05-14

**EXTERNAL  
EXAMINER**

## Declaration

I, Kausthav Pratim Kalita, hereby declare that the project report entitled '*An Approach Towards Preventing DDoS Flooding Attack Using Bandwidth Comparison Method*' submitted to the Department of Computer Science and Engineering under the School of Engineering, Tezpur University, in partial fulfilment of the requirements for the award of the degree of Master of Technology is based on bona fide work carried out by me. The results embodied in this project report have not been submitted in part or in full, to any other university or institute for award of any degree or diploma.

*Kausthav Pratim Kalita*  
(Kausthav Pratim Kalita)

## Acknowledgement

It is my great pleasure to show due regards to persons involved in bringing out my successful completion of the project work entitled *A Study on Prevention of DDoS Flooding Attack by simulation in NS2* undertaken by me as a prerequisite towards partial fulfilment for the award of M.Tech in Information Technology at Tezpur University.

It would not have been possible for me to achieve the success with my effort alone. There were a lot of people who extended their supportive hands towards me in the way of making my work a success. First of all my heartiest gratitude goes to my project guide Dr. Dhruba K Bhattacharyya, Professor of Computer Science & Engineering, Tezpur University for his excellent guidance and valuable suggestion during the course project. My sincere thanks to all faculty members of the department for their support during this project.

Last but not the least, I am also thankful to my class mates and juniors for their kind cooperation during the entire process. I would like to acknowledge everyone who contributed directly or indirectly for the fulfilment of this project work.

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

*Kausthav Pratim Kalita*

Kausthav Pratim Kalita