



**DEPARTMENT OF  
COMPUTER SCIENCE AND ENGINEERING  
TEZPUR UNIVERSITY**

(A Central University established by an Act of Parliament)  
NAPAAM:: TEZPUR-784028:: ASSAM

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**CERTIFICATE**

This is to certify that the work presented in the report entitled “*Development of a Filtering Engine for Deployment of Protocol – Level Vulnerability Signatures at the Router to defend against Internet Worms in an Enterprise Network*” submitted in partial fulfillment of the requirement for the award of the degree of **Bachelor of Technology in Computer Science & Engineering**, is a bona fide work carried out by **Nitin Gupta** (CSB06001) under my supervision. The work has not been submitted to any other institute for the award of any other degree or diploma.

Date: 03-06-2010

Place: Tezpur

*Professor*  
Department of Computer Science & Engg.  
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(Signature of the Supervisor)

**Professor D. K. Saikia**

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## CERTIFICATE

This dissertation entitled “*Development of a Filtering Engine for Deployment of Protocol – Level Vulnerability Signatures at the Router to defend against Internet Worms in an Enterprise Network*” submitted by Nitin Gupta in partial fulfillment of the requirement for the award of the degree of **Bachelor of Technology in Computer Science & Engineering** of Tezpur University has been examined.

(Internal Examiner)

Date: 4-6-10.

Place: Tezpur

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

(External Examiner)

Date: 4-6-10,

Place: Tezpur.

**EXTERNAL  
EXAMINER**

## **DECLARATION**

I hereby declare that the dissertation entitled "**Development of a Filtering Engine for Deployment of Protocol –Level Vulnerability Signatures at the Router to defend against Internet Worms in an Enterprise Network**" which is submitted to the Department of Computer Science and Engineering, Tezpur University, is prepared by me and was not submitted to any other institution for award of any degree.

Date:

Place:



(Nitin Gupta)

B.Tech (CSE), Roll No. CSB06001

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Nitin Gupta