



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

NAPAAM, TEZPUR – 784028  
ASSAM: INDIA

Ph : 03712-267007-009 Ext-  
Fax : 03712-267005/006

**CERTIFICATE**

This dissertation entitled “**Co-ordinated Port Scan: Generation,Capturing and Analysis**” submitted by Mukul Choudhury and Bappi Das in partial fulfilment of requirements for the degree of Master of Computer Application (MCA) of Tezpur University has been examined.

A handwritten signature in blue ink, appearing to read "J. K. Das", written over a horizontal line.

**EXTERNAL  
EXAMINER**

External Examiner

Date:

Place: Tezpur University, Tezpur

A handwritten signature in blue ink, appearing to read "S. S. Das", written over a horizontal line.

Internal Examiner

Date: 31/5/14

Place: Tezpur University, Tezpur

**Asso. Professor**

Department of Computer Science & Engg.  
Tezpur University



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

NAPAAM, TEZPUR – 784028  
ASSAM: INDIA

Ph : 03712-267007-009 Ext-  
Fax : 03712-267005/006

---

**CERTIFICATE**

This is to certify that the work presented in the report entitled “**Co-ordinated Port Scan: Generation, Capturing and Analysis**” submitted in partial fulfilment of the requirement for the degree of Master of Computer Application (MCA), was carried out by Mukul Choudhury and Bappi Das under my supervision. The work has not been submitted to any other institute for the award of any other degree or diploma.

Date: 30.5.2011

Place: Tezpur University, Tezpur

Dept. of Computer Science and Engineering,  
Tezpur University.

Prof. D. K. Bhattacharyya

Professor

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

## DECLARATION

We herewith declare that we have produced this report without the prohibited assistance of third parties and without making use of aids other than those specified; notions taken over directly or indirectly from other sources have been identified as such. This paper has not previously been presented in identical or similar form to any other examination board.

The thesis work was conducted from January, 2011 to May, 2011 under the supervision of Prof. Dhruva K. Bhattachayya at DIT assisted Network Security Laboratory, Department of Tezpur University.

*Mukul Choudhury*

Mukul Choudhury, CSM08005

Place: Tezpur University, Tezpur

*Bappi Das*

Bappi Das, CSM08022

Place: Tezpur University, Tezpur

## ACKNOWLEDGEMENT

This project could not have been done without the help of a lot of other people. Without them this experience would definitely not have been as special and gratifying as it was. So, it is our pleasure to have the opportunity to express our thanks to those who have ever helped us.

We would like to thank our supervisor Professor Dhruba K. Bhattacharyya. We will always be grateful to him for providing us this valuable opportunity to have worked under his guidance, and for his constructive criticism and patience to guide us throughout our project. It has been an excellent opportunity for us and we have learnt a lot from him.

We owe a very big thanks to all our faculty members for offering their valuable suggestions and ideas at times.

We sincerely thank Mr. M. H. Bhuyan, Mr. Prasanta Gogoi, Mr. Ajay Kr. Sharma, Mr. Arun Chetri and Mr. Raghvendra Choudhary for their assistance which was invaluable throughout our experiments. We really could not have done it without them.

We would also thank our friends, including some special ones, whose help and moral support gave us the confidence of completing the project well.

For those whose names we did not mention here, we offer our sincerest apologies but know that those that have made this experience so special will never be forgotten.

Last but not the least we cannot forget to thank our parents. We could not have been where we are without their prayers, blessings and hard work. This dissertation is dedicated to them.

Mukul Choudhury, CSM08005

Bappi Das, CSM08022

Department of Computer Science & Engineering,

Tezpur University, Tezpur