

# One Week Workshop

On

## Current Trends in Cyber Crime and Security (CTC<sup>2</sup>S-2018)

January 27 – 31, 2018

Sponsored by ISEA –Phase II

[Ministry of Electronics and Information Technology  
(MeitY)]

### Organized by

**Department of Computer Science & Engineering**  
**Motilal Nehru National Institute of Technology**  
**Allahabad**  
**Allahabad-211004, Uttar Pradesh, India**



### Course Convenors:

Prof. R.S. Yadav, PI, ISEA-II Project  
Dr. Anil Kumar Singh, Co-PI, ISEA-II Project

### Course Coordinators:

Dr. Dinesh Singh, CSED, MNNIT Allahabad  
Dr. Rupesh Kumar Dewang, CSED, MNNIT Allahabad  
Dr. Ranvijay, CSED, MNNIT Allahabad

### ABOUT MNNIT

Motilal Nehru National Institute of Technology (MNNIT) Allahabad is one of the premier National Institute of Technology (NIT) in India. It is committed to achieve quality and excellence in academic pursuits. Established in 1961, as a Regional Engineering College, a joint enterprise of Government of India (GOI) and Government of Uttar Pradesh, the institute was transformed into NIT on June 26, 2002. With the enactment of NIT Act-2007 (29 of 2007), the Institute has been granted the status of Institution of national importance w.e.f. August 15, 2007.

The Institute now offers various undergraduate and postgraduate courses such as B.Tech, M.Tech, MCA, MBA, M.Sc., M.S.W and

Ph.D. degree. It has been recognized by GOI as one of the Quality Improvement Programme (QIP) centres for the M.Tech. and Ph.D. Degrees. Also, it is a lead Institution under World Bank funded GOI Project on Technical Education Quality Improvement Programme (TEQIP III) and Information Security Education & Awareness (ISEA II).

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

For the first time in India undergraduate course in Computer Science and Engineering was offered in 1977 under Electrical Engineering Department with a modest strength of 10 students. The Department of Computer Science & Engineering offers courses leading to a Bachelor of Technology in Computer Science & Engineering, and Information Technology. It also offers a Master of Technology in Computer Science & Engineering, Master of Technology in Software Engineering, Master of Technology in Information Security, and Master of Computer Application (M.C.A.). Further, the department also has Ph.D. program.

### ALLAHABAD

The city of Allahabad is among the largest cities of Uttar Pradesh. It is situated at the confluence of three rivers: Ganga, Yamuna and the mythological Saraswati. The sacred meeting point is known as Sangam. The city better known as PRAYAG has many governmental Institutions which include MNNIT Allahabad, High Court of UP, prestigious Allahabad University & many tourist places like Sangam, Anand Bhawan, Narayani Ashram, Kushroo Bagh and Company Bagh etc. MNNIT Allahabad is one of the premier institutes of the city offering Quality Technical Education.

### COMMITTEES

#### ORGANIZING COMMITTEE

##### **Patron**

Prof. Rajiv Tripathi, Director, M.N.N.I.T. Allahabad

##### **Chairman**

Prof. Neeraj Tyagi, Head, CSED, M.N.N.I.T. Allahabad

##### **Convenors:**

**Prof. R.S. Yadav**, CSED M.N.N.I.T. Allahabad

**Dr. A. K. Singh**, CSED M.N.N.I.T. Allahabad

##### **Coordinators:**

**Dr. Dinesh Singh**, CSED M.N.N.I.T. Allahabad

**Dr. Rupesh Kumar Dewang**, CSED M.N.N.I.T. Allahabad

**Dr. Ranvijay** CSED M.N.N.I.T. Allahabad

##### **Treasurer:**

**Mr. Pankaj Sikka**, CSED, M.N.N.I.T. Allahabad

### ADVISORY COMMITTEE

Prof. M. M. Gore, Department of C.S.E., M.N.N.I.T, Allahabad  
Prof. Suneeta Agarwal, Department of C.S.E., M.N.N.I.T, Allahabad  
Prof. Neeraj Tyagi, Department of C.S.E., M.N.N.I.T, Allahabad  
Dr. D. S. Kushwaha, Department of C.S.E., M.N.N.I.T, Allahabad  
Dr. Mayank Pandey, Department of C.S.E., M.N.N.I.T, Allahabad  
Dr. K. K. Mishra, Department of C.S.E., M.N.N.I.T, Allahabad  
Mr. Manoj Wariya, Department of C.S.E., M.N.N.I.T, Allahabad  
Mr. Rajesh Tripathi, Department of C.S.E., M.N.N.I.T, Allahabad  
Dr. D. K. Yadav, Department of C.S.E., M.N.N.I.T, Allahabad  
Dr. Anoj Kumar, Department of C.S.E., M.N.N.I.T, Allahabad  
Prof V. K. Shrivastav, Department of E.C.E., MNNIT, Allahabad  
Prof R. K. Singh, Department of Electrical Engineering, MNNIT Allahabad  
Dr. Dushyant Kumar Singh, Department of C.S.E., M.N.N.I.T, Allahabad  
Dr. Divya Kumar, Department of C.S.E., M.N.N.I.T, Allahabad  
Dr. Shashank Srivastava, Department of C.S.E., M.N.N.I.T, Allahabad  
Dr. Pragya Dwivedi, Department of C.S.E., M.N.N.I.T, Allahabad  
Dr. Rajitha B., Department of C.S.E., M.N.N.I.T, Allahabad  
Dr. Shashwati Banerjea, Department of C.S.E., M.N.N.I.T, Allahabad

### ADDRESS FOR COMMUNICATION

Complete registration form, accompanied by the demand-draft /transaction-receipt should reach the course coordinator on or before **15-01-2018**. The contact details are:

#### **Dr. Dinesh Singh**

Department of Computer Science and Engineering  
Motilal Nehru National Institute of Technology  
Allahabad Allahabad-211004

**Phone:** 9455421546, 7007207964

**E-mail:** [suraksha@mnnit.ac.in](mailto:suraksha@mnnit.ac.in), [dinesh\\_singh@mnnit.ac.in](mailto:dinesh_singh@mnnit.ac.in)

### COURSE INTRODUCTION

Technological advancements have led to easy access to information. However, it has also imposed the threat to critical information owned by organizations and the country as a whole. These organizations may fall prey to inappropriate security measures taken by them. Thus, the awareness to various means of exploits and the available techniques of information security will help them not only to safe guard themselves against cyber-crime but also to prepare evidences required in the court of law in case of any mishap.

## OBJECTIVE OF THE COURSE

The objective of the WORKSHOP is to bring awareness in the teaching fraternity, who in turn nurture the budding engineers, about the importance and means of information security as well as empower them to safeguard the interest of the nation against cyber-crime by bringing together eminent researchers, educators, engineers and practitioners in the field under one roof.

## TENTATIVE TOPICS TO BE COVERED

- Cyber Attacks
- Spoofing Methods
- Session Hijacking
- SQL Vulnerabilities
- Security from Spyware, Keylogger & Viruses
- Data Security & Information Hiding Techniques
- Mobile phone Security
- Facebook, twitter and whatsapp security
- Online banking and shopping security
- Cyber Law & Cyber Forensics
- Cyber physical system

## WORKSHOP IMPACT -EXPECTED OUTCOME

Enhancing the curriculum of information security and computer forensics of present academia by introducing innovative experiments and exposing them to the research challenges for their possible pursue. The course is designed to provide in depth knowledge and training on the modern information security and forensic tools. Evaluation, practice and discussion sessions are evenly distributed to ensure that the taught idea is understood

## WHO SHOULD ATTEND

The primary audience will include students enrolled in B.Tech. and M. Tech. courses who are interested in Information Security, Network Security, Cyber Security as well as conducting research related to the areas of information security, forensics, Cyber-crime and law. Other genre of audience includes PhD scholars, Faculties and Industry Personnel interested in the same. This workshop will be of value to students, researchers, faculty as well as Industry Executive.

## RESOURCE PERSON

From Various IITs and NITs, IT Industry and other eminent institutions.

## REGISTRATION

To register for this course the applicants will have to pay fees in advance as per the following details

Category	Fee
Industry Personnel	Rs. 2,500/-
Faculty	Rs. 2,000/-
Research Scholars	Rs. 1,500/-
Students( B.Tech, M.Tech)	Rs. 1,000/-

The registration fees should be sent in the form of

- 1.) Demand Draft in favour of "CTCCS-2018" payable at **Allahabad**. (OR)
- 2.) NEFT or RTGS in A/C No. **718400301000290** of Vijaya Bank, IFSC Code: **VIJB0007184**, Name of A/C holder: **CTCCS-2018**.

Limited accommodation may be provided on first come first serve basis to the participants, based on the availability of rooms in the institute EDC, Hostels and other available places (**Female Participants will be given preference**). The participants have to bear their travelling and lodging expenses. Also, you are requested to send a proof of your identity and designation for claiming the category.

### Important Dates:

Activities	Date
Receipt of application form along with fee details.	January 15 <sup>th</sup> 2018
Selection notification	January 16 <sup>th</sup> 2018
Workshop dates	January 27-31, 2018

Department of Computer Science and Engineering,  
Motilal Nehru National Institute of Technology Allahabad,  
Allahabad-211004  
**REGISTRATION FORM**

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On

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[Ministry of Electronics and Information Technology  
(MeitY)]

Name (in Block Letters) \_\_\_\_\_

Date of Birth \_\_\_\_\_ Sex: Male/Female

Highest Qualification: \_\_\_\_\_

Organization: \_\_\_\_\_

AICTE Approved Yes/No

Designation (Faculty/Research Scholar/Student/Industry Personnel) \_\_\_\_\_

Correspondence Address: \_\_\_\_\_

City: \_\_\_\_\_ Pincode: \_\_\_\_\_

Phone \_\_\_\_\_ E-mail \_\_\_\_\_

Accommodation needed Yes/No :

(Accommodation would be provide on first come first serve basis)

PAYMENT DETAILS:

Draft No/Transaction Id. \_\_\_\_\_

Date:- \_\_\_\_\_

Issuing Bank and Branch (with code) \_\_\_\_\_

Amount: \_\_\_\_\_ Drawn on: \_\_\_\_\_

(DD in favour of 'CTCCS-2018' payable at 'Allahabad' OR NEFT or RTGS in A/C No. **718400301000290** of Vijaya Bank, IFSC Code: **VIJB0007184**

(Signature of Applicant)