

Workshop On

Communications and Multimedia Security

09-10 February, 2017

Organized by



Department of Computer Science and Engineering
Indian Institute of Technology (Indian School of Mines)
Dhanbad-826004, Jharkhand, India

Sponsored by

Information Security Education and Awareness (ISEA) Project Phase-II
MeitY, Government of India



Importance and Scope

In the present digital world, networking and multimedia technologies are developing rapidly. People can communicate and exchange information with each other over the Internet effortlessly at anytime and anywhere. The Internet has come up as the most suitable medium for transferring all kinds of data especially multimedia data (image, audio, video, etc) due to easy and wide transmission capability. The forgery of multimedia data is concerned as a serious issue since the Internet itself does not provide any security to the digital documents, so it should be major concern to preserve the security of the data as it mostly consists of important personal and secret information. At the same time, unauthorized users may gain access to systems and information and consequently they may corrupt data, consume network bandwidth, degrade network performance and launch attacks that prevent authorized users from accessing the network efficiently. Therefore, information security has always been considered as a major concern issue in the present digital world. The explicit focus of this workshop is to raise security awareness among students, academicians and industry professionals. In this workshop, experts from academia will share their knowledge to the participants who are interested to build a career in broad area of communications and multimedia security.

Lecture Topics

- ✚ Mathematical Attacks on RSA
- ✚ Security and Privacy Issues in Cloud Storage System
- ✚ Forensic Multimedia Processing
- ✚ Visual Cryptography: A Different Secret Sharing Scheme
- ✚ Image Security Schemes in Spatial and Transform Domain

Tentative List of Speakers

- ✚ **Prof. G. P. Biswas**, Department of Computer Science & Engineering at Indian Institute of Technology (Indian School of Mines), Dhanbad
- ✚ **Dr. Somanath Tripathy**, Department of Computer Science & Engineering at Indian Institute of Technology, Patna
- ✚ **Dr. A.V. Subramanyam**, Department of Computer Science & Engineering at IIT Delhi
- ✚ **Dr Avishek Adhikari**, Department of Pure Mathematics at University of Calcutta
- ✚ **Dr. Arup Kumar Pal**, Department of Computer Science & Engineering at Indian Institute of Technology (Indian School of Mines), Dhanbad

Date and Venue

February 09-10, 2017 at Indian Institute of Technology (Indian School of Mines), Dhanbad.

Target Participants and Eligibility Criteria

Academic Institutions: Postgraduate Students, Research Scholars and Faculty Members.

Others: Employees of Govt., Public and Private sector having at least a graduate degree holder.

About Location

Indian Institute of Technology (Indian School of Mines), Dhanbad is well connected by rail and road. The institute is located at a distance of about 3 KMs from Dhanbad Railway Station in Jharkhand State.

Registration Fee

There is **no registration fee**. The selected participants will be informed by e-mail.

Accommodation

Limited shared accommodation is available at our institute guest house (i.e known as EDC) on payment basis. The accommodation could be arranged against prior intimation.

Instructions

- ✚ Registration will be on a first come first served basis and limited number of seats are available.
- ✚ Participants are requested to download the registration form available online at institute website and send the scanned copy of the filled in Registration Form via e-mail in order to confirm the participation.
- ✚ Dully filled in registration form should reach to the organizer by post on or before **07th February, 2017**.

Contact Details

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on
Communications and Multimedia Security
(09-10 February, 2017)**

**Organized by Indian Institute of Technology
(Indian School of Mines), Dhanbad
REGISTRATION FORM**

Name: _____

Designation: _____

Organization: _____

Gender: _____

Date of Birth (DD/MM/YYYY): _____

Educational Qualification: _____

**Address for
Correspondence:** _____

Mobile No: _____

E-mail ID: _____

Aadhar No: _____

Accommodation Required: (Yes/No): _____

Experience: _____

Teaching: _____

Others (Specify): _____

Date:

Signature of Applicant