

TEQIP Sponsored
Short Term Training Program (STTP)
on
“Multimedia Security, Cryptocurrency
and Forensics”

30th Oct to 3rd Nov, 2017

REGISTRATION FORM

Name:

Designation:

Organization:

Qualification:

Correspondence Address:

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Tel. (O) (R)

(M)

E-Mail:

I have enclosed proof of the registration fee
of Rs. by online transfer
with transaction no.
dated in account of
“Director, NIT Raipur”.

Date: Place:

Signature of the participant

Online/scanned copy of duly filled registration
form must reach to **Dr. Toshnial Meenpal**
(tmeenpal.etc@nitrr.ac.in), Assistant
Professor, Computer Vision Lab, Electronics
& Telecommunication Department, Second
Floor, NIT, Raipur, G.E.Road, Raipur, C.G.
492010, before 27/10/17 along with proof of
registration fee.

PATRON

Prof. A. M. Rawani,
Director, NIT Raipur

CHAIRMAN

Prof. S. Sanyal
Dean (R&C), NIT Raipur

COORDINATOR

Prof. S. Verma
Dean (Academics), NIT Raipur

Dr. T. Meenpal **Dr. T. K. Das**
Assistant Professor Assistant Professor

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(HOD, Electronics Telecomm. Dept.)

Prof. Harendra Bikrol
(HOD, Computer Applications)
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Dr. B. Acharya	Dr. S. Majumder
Mr. S. Chakroborty	Dr. M. K. Ahirwal
Mr. A. Gupta	Dr. S.K. Saha
Dr. T. Meenpal	Dr. R. K. Chaurasiya
Dr. A. Naugarhiya	

INVITED SPEAKERS

Dr. Subhamoy Maitra,
Professor(HAG), ISI Kolkata
Dr. Sugata Gangopadhyaya,
Associate Professor, IIT Roorkee
Dr. Gautam Paul,
Assistant Professor, ISI Kolkata
Dr. Sourav Sen Gupta,
Assistant Professor, ISI Kolkata
ADDRESS FOR CORRESPONDENCE

Dr T Meenpal **Dr. T. K. Das**
(95 75 45 19 28) (99 26 26 50 92)
tmeenpal.etc@nitrr.ac.in tkdas.mca@nitrr.ac.in
National Institute of Technology, Raipur
G.E. Road, Raipur, India-492 010
Website: www.nitrr.ac.in

TEQIP Sponsored One Week
Short Term Training Program
on

**Multimedia Security,
Cryptocurrency
and Forensics.**

30th Oct to 3rd Nov, 2017



Organized by

**Department of Electronics &
Telecommunication Engineering**



**National Institute of Technology
Raipur, India-492 010**

ABOUT THE INSTITUTE

National Institute of Technology Raipur situated in the capital of Chhattisgarh, has proven to be 'avant-grade' in the field of science and technology over past few decades in this region. With sweet memory of foundation ceremony by our president Hon'ble Dr. Rajendra Prasad on 14th September 1956, the institute started with two departments namely Metallurgical and Mining Engineering. Later the inauguration of the Institute building was done by our Prime Minister Hon'ble Pt. Jawahar Lal Nehru on 14th March 1963. From 1st December 2005, the institute has become the National Institute of Technology.

ABOUT THE DEPARTMENT

The **Department of Electronics and Telecommunication** came into existence in 1985. The department aims to be a national leader in imparting quality education, carrying out research and technology development in the field of Electronics and Telecommunication Engineering. The department provides an outstanding research environment and offers academic program leading to the award of B.Tech, and Ph.D. degree.

VENUE

Department of Electronics and
Telecommunication Engineering
NIT Raipur (CG) – 492 010, INDIA

OBJECTIVES

Recently security has certainly become one of the most significant and challenging problems for spreading new information technology. Digital data can easily be copied and multiplied without information loss. This requires security solutions for such fields as distributed production processes and electronic commerce, since the producers seek to provide access control mechanisms to prevent misuse and theft of material. Smooth functioning of organizations, governments, nations and the global economy hinges on security of underlying digital infrastructure.

Information Security is picking up the major share in the job market during the present days. Every Organization in the world is planning to strengthen their security infrastructure and call for positions such as security engineer, security officer, security manager, security analyst, security architect, security consultant, security specialist, Cryptographer, Cryptanalyst, Penetration tester, Vulnerability Assessor, and Chief Information Security Officer. To equip the students for these job positions skill building exercises should be started to improve the technology pool in the area of security.

Expert lectures will be delivered by faculty and scientists from various academic institutes, including ISI Kolkata, IIT Roorkee, IIIT Delhi and the host institute (NIT Raipur). Hands-On Sessions will be suitably designed to supplement classroom discussions using Matlab software.

ELIGIBILITY

Participation in this short term training programme (STTP) is open to the undergraduate students, post-graduate students, faculty members, engineers, researchers, and other executives working on diverse fields in electronics engineering, computer engineering, electrical engineering, instrumentation engineering, biomedical engineering, biotechnology, mechanical engineering, etc.

SELECTION

The course coordinators reserve the right of selection of participants. The preference will be given to the participants from outside the institute (NIT Raipur). Intimation regarding selection will be sent to the candidates by email as per the schedule. Certificates will be issued to the participants only after attending the complete course. No TA/DA will be paid to the participants.

TOPICS TO BE COVERED

- Basics of Digital Image Processing.
- Basics of Cryptography, Cryptocurrency.
- Introduction to Image Forensics, Multimedia Encryption and WSN.
- Introduction to Quantum Cryptography.
- Basics of Steganography, Watermarking.
- Discussion on various approaches of cryptanalysis.
- Research aspects and discussion on open problems around the above mentioned topics.

IMPORTANT DATES

Registration

On or before **27-10-2017**,

Intimation of acceptance

On or before **28-10-2017**,

REGISTRATION FEE DETAILS

Participants	Amount (in Rs)
UG Students	1000/-
PG/PhD Students	2000/-
Faculty	3000/-
Industry Delegates	3000/-

Registration fee includes registration kit, tea and lunch during the program. Fee is non-refundable for selected candidates.

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30th Oct to 3rd Nov, 2017

Organized by Department of Electronics & Telecommunication,
National Institute of Technology, Raipur, C.G.

Name:
Designation:
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Qualification/Currently studying in:
Correspondence Address:
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Tel. (O)(R)
(Mo. No.)
E-Mail:

Please paste
your recent
colour
photograph
here

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Telecommunication Department, Second Floor, NIT, Raipur, G.E.Road, Raipur, C.G.
492010, before 27/10/17 along with proof of registration fee.

Account Details for Online Payment:

Bank Name	:	State Bank of India
Bank Branch	:	G.C.E.T. Branch
Bank Address	:	G.E. Road, Raipur, Chhattisgarh - 492010
City	:	Raipur
Country	:	India
Account No.	:	34349680351
Account Name	:	DIRECTOR NIT RAIPUR TEQIP ACCOUNT
Bank Branch Code	:	02852
IFSC Code	:	SBIN0002852
Phone No. of Branch	:	0771-4040795