

Registration Form

Short Term Course on

Ethical Hacking and Network Security

08-12 March 2016

Name: _____

Designation: _____

Institute/Organization: _____

Mailing Address: _____

Phone No. (R) _____

(O) _____

Mobile: _____

Email: _____

DD No: _____ Date: _____

Issuing bank: _____

Accommodation required: Yes / No

Food habit : Veg / Non-Veg

Age: _____ yrs

Gender: Male / Female

About the institution

National Institute of Technology Rourkela is an institute of national importance created under the act of parliament. NIT Rourkela provides quality education in a diverse and multi-cultural environment. The mission of the institute is to become an internationally acclaimed institution of higher learning that will serve as a source of knowledge and expertise for the society and be a preferred destination for undergraduate and graduate studies. The institute is offering Ph.D. and M.Tech by Research programmes in 21 branches of Engineering. The institute research centers are engaged in consultancy and research activities of several bodies such as DST, DAE, CSIR, DRDO, BARC, ISRO and private industries.

About the Department

The Department of Computer Science and Engineering (CSE) offers B.Tech. course in CSE, M.Tech courses in Computer Science (CS), Information Security (IS), Software Engineering (SE), and Analytics and Decision Sciences (ADS). The department offers PhD programmes in various areas of cutting edge research. At present, more than 15 research scholars are working in the areas of information security. The Department has liaison with reputed industries and R&D organizations. The department conducts short term courses, symposiums, workshops, and conferences throughout the year.

Course objective

The course will present the fundamentals of cryptography, ethical hacking techniques and the advance concepts of network security with hands on experience on popular security tools.

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Ethical Hacking and Network Security

sponsored by

Information Security Education & Awareness Project (ISEA) Phase II, Govt. of India

08 – 12 March, 2016



Department of
Computer Science & Engineering
National Institute of Technology Rourkela
Odisha – 769 008, India

Course Outline

- Cryptography Foundations
- Introduction to Network Security
- Symmetric and Public Key Cryptography
- Key Management and Entity Authentication
- Security at different layers: PGP, SMIME, SSL, TLS, IPSec
- Ethical Hacking: Foot printing and Reconnaissance, System Hacking
- Network Simulation, Network Packet Analysis
- Web Applications Security, Social Network Security, Vehicular Ad-Hoc Network Security

The course will be taught by the faculty members of NIT Rourkela. Experts from other academic institutions will be invited to share their latest research findings with the participants.

Who is eligible for applying?

Academicians working in AICTE approved organizations or Industry, Research Scholars working in the domain of security.

Registration Details:

Fee for faculties : INR 3000.00
Fee for research scholars: INR 2000.00
Fee for industry persons: INR 5000.00

How to apply:

The candidate should send a Demand Draft in favour of "Continuing Education, NIT Rourkela", payable at SBI NIT Campus branch, Rourkela (Branch Code: 2109).

The DD should be sent to:

Prof. Sanjay Kumar Jena
Department of Computer Science and Engineering
National Institute of Technology Rourkela
Rourkela-769008, Orissa, India
skjena@nitrkl.ac.in

A mail titled "ISEA STC Registration: Ethical and Network Security: March 2016" containing scan copy of the DD and the filled registration form should be sent to skjena@nitrkl.ac.in

Important Dates:

Application Deadline: 01-Mar-2016

Accommodation and Food

The participants will be provided with free shared air conditioned accommodation and food at institute guest house during the course. No travel allowance will be given.

How to reach?

Rourkela is on the Howrah (Kolkata)–Mumbai main line of South Eastern railway. The railway station and intrastate bus stand are 6kms and 2kms from NIT Rourkela campus respectively. The airports near to Rourkela are Ranchi, Bhubaneswar and Kolkata. Rourkela is well connected to these cities by rail and train frequency is very good.

Contacts:

Principal Coordinator: Prof. Sanjay K. Jena
(skjena@nitrkl.ac.in)

Coordinator: Prof. Ramesh Kumar Mahapatra
(mohapatrark@nitrkl.ac.in, Ph: 0661-2462366)

Student Coordinator:

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