

# Registration Form

Short Term Course on

## Recent Trends in Cybersecurity & Ethical Hacking

15 - 19 July 2024

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Institute/Organization: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Mailing Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone No.(R) \_\_\_\_\_

(O) \_\_\_\_\_

Mobile: \_\_\_\_\_

Email: \_\_\_\_\_

Accommodation required: Yes / No

Age: \_\_\_\_\_ yrs

Gender: Male / Female

Registration form:

<https://forms.gle/eu8FuC25kfunZDpY9>

## About the Institute

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 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) and Software Engineering(SE). 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.



Short Term Course on

## Recent Trends in Cybersecurity & Ethical Hacking

(Hybrid Mode)

15 - 19 July 2024



Department of  
Computer Science & Engineering  
National Institute of Technology Rourkela  
Odisha - 769008, India



## Course Objective

In this course, participants will delve into the fascinating world of ethical hacking, gaining a comprehensive understanding of the techniques used to assess and secure computer systems and networks. By the end of the course, learners will be equipped with the necessary knowledge and skills to identify potential vulnerabilities, implement preventive measures, and ethically protect against cyber threats.

## Course Outline

- Cryptography & Steganography
- Forensics
- Open Source Intelligence (OSINT)
- Penetration Testing
- Reverse Engineering & Binary Exploitation
- Red Teaming and CTFs
- Website Security
- \* ) Termux installation and usage
- \* ) Python in CyberSecurity
- \* ) Perl/Rust in CyberSecurity

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.

**Patron:** Prof. K. Umamaheshwar Rao

**Chairman:** Prof. B. D. Sahoo

**Coordinator:** Dr. Sujata Mohanty

**mail\_to:** [stc.rtcseh@gmail.com](mailto:stc.rtcseh@gmail.com)

## Who is eligible?

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

## How to Apply?

A mail titled "Recent Trends in Cybersecurity and Ethical Hacking: July 2024" containing screenshot of the transaction done and sent to mail\_to:

**[stc.rtcseh@gmail.com](mailto:stc.rtcseh@gmail.com)**

with following details.

Name:

Institute/Organisation:

Whatsapp No:

## Method of Delivery

The Short-Term Course will be conducted using a hybrid approach, combining both in-person and online elements. Upon registration, participants will receive the meeting link for accessing the course materials and attending sessions.

## Accommodation & Food

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

## Registration Details:

- The registration fee (GST 18% inclusive) for various participants for attending the short-term course is given below:
- The students/faculty members of NIT Rourkela are exempted from the payment of registration fee.

### Registration Details(Fee Non-Refundable)

Student	INR 1000+18%GST
Academia	INR 2000+18%GST
Scientist from R & D Organization/ Industry Persons	INR 2500+18%GST

### Bank Account Details for Registration

Account Name	CONTINUING EDUCATION NIT ROURKELA
Account No.	10138951784
Bank	STATE BANK OF INDIA
Branch	NIT Campus Rourkela(02109)
IFS Code	SBIN0002109

**UPI ID:** 01389517841@sbi

**Merchant Name:** Continuing Education NIT

• E-certificates will be provided to the registered participants upon successfully completing the course.

**Contact and Queries:**

+91-7327076467, +91-8777389702, +91-9340024543