

# Course Contents

- ✓ Research Problems
- ✓ Networking
- ✓ Blockchain
- ✓ Python Programming
- ✓ Machine Learning
- ✓ Reverse Engineering
- ✓ Malware Analysis and Detection
- ✓ DoS attack on Wireless Network
- ✓ The Art of Social Engineering
- ✓ Network Scanning attacks
- ✓ Intrusion Detection System
- ✓ Password Cracking
- ✓ Implementing Cryptography Algorithms
- ✓ Complete OS Forensics
- ✓ Cyber Check Suite (Cyber Forensics tool)
- ✓ Forensics Data Imaging
- ✓ Cyber Forensics- Hardware Tools
- ✓ TrueImager and Write Protect
- ✓ Windows Registry Tools

Practical Hands-on Sessions on Network Security and Forensics

## About NITTR Chandigarh

In realization of the need for training better quality technicians to meet the large scale industrialization of the country, the ministry of Human Resource Development (the then Ministry of Education), Government of India established four Regional Technical Teachers' Training Institutes (now National Institute of Technical Teachers Training & Research, NITTR at Bhopal, Chandigarh, Chennai and Kolkata in 1967.

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## About the Department

Excellence in teaching, research and technology, development is the vision of the department of Information Mgmt & Emerging Engg. The department is actively involved in conducting short term training programmes in the upcoming areas such as Big Data Analytics, Machine Learning, Python Programming, Cyber Security, Penetration testing and malware analysis, MATLAB Programming, Scilab Programming, etc.

IMEE dept. has established laboratories in emerging areas such as Advanced cyber security, AR/VR, IoT under various sponsored research projects from the Ministry. Faculty of this dept. are involved in extension services to various Govt. bodies like AICTE, UGC, etc.



Two week  
Online Practical  
Hands-on  
Training  
Programme on

**NETWORK**  
**SECURITY**  
**&**  
**CYBER FORENSICS**

**Important Dates:**

**Last date for receiving application: 9 JAN 2022**  
**Commencement of Course: 10 JAN 2022**

Practical Hands-on Sessions on Network Security and Forensics

# Organizing Committee

*Prof. (Dr.) Maitreyee Dutta  
Er. Amanpreet Kaur  
Er. Shweta Sharma*

**Registration  
Details for  
Two Week Online Training  
Programme  
on  
Network Security & Cyber  
Forensics  
10<sup>th</sup> January 2022 –  
21<sup>st</sup> January, 2022**

The registration fee to attend this online training program is Rs. 1000/- +18% GST per candidate (The total amount is Rs. 1180 per candidate).

#### Bank Details for Fee submission:

Name of the Bank-	State Bank of India
Account Number-	55105008209
IFSC Code-	SBIN0050116
Branch Name -	Grain Market, Sector 26, Chandigarh
Branch Code -	050116
Name of Account Holder-	Director, NITTR Chandigarh

After Payment, Upload a copy of the Payment Receipt during the Registration Process using the link:

<https://forms.gle/q3bx8frNBRnHGAWf9>

## Objectives of the Course

The proposed course is designed to offer a unique opportunity to the participants to interact with the prominent experts from Industry, faculty from the Premier Academic institutions, and distinguished practitioners working in the area of Network Security and Forensics. Lectures will be delivered by eminent experts, having rich teaching and industrial experience in their respective field of application and hence will provide deeper insight and knowledge to the participants about the advances in the fields of networking, forensics, IoT applications, along with its challenges. The primary target group for the online training programme are:

- **Students**
- **Research scholars (Mtech and Phd) who are engaged in research (or) planning to undertake research and Industry personnel**