



# Engineering Staff College of India

Autonomous Organ of The Institution of Engineers (India)  
Old Bombay Road, Gachi Bowli, Hyderabad – 500 032. Telangana, India



## INFORMATION TECHNOLOGY DIVISION

### PROFESSIONAL DEVELOPMENT PROGRAMME



## Cyber Security Tools & Security Audit

23 – 25 Oct 2024

At IEI Center Srinagar, J & K



Powered by

**ESCIUpSkill**

A Smart Learning Platform

#### Introduction

In today's world, Information Technology is playing a pivotal role in business, most of the organizations and enterprises depend on different kinds of Information Technology solutions, say e-commerce, e-governance, e-learning, e-banking etc.. Battles between corporations, governments, and countries are no longer fought using physical force. Cyber war has begun and the consequences can be seen in everyday life. With the onset of sophisticated cyber-attacks, the need for advanced cyber security and Security Audit training became mandatory in the present day.

A cyber security audit focuses on cyber security standards, guidelines and procedures, as well as the implementation of these controls. The cyber security audit relies on other operational audits as well.

#### Objective

- Three - day, instructor-led course will provide you knowledge in Computer Security to protect your IT Infrastructure.
- This Course provides in-depth knowledge in Cyber Security & Security Audit

#### Course Coverage

##### Cyber Security

- Cyber Security Overview
- Types of Attacks
- Goals for Security and its properties
- Security Threats and Vulnerabilities
- Windows Security
- Internet Security
- Web Application Security
- Mail Attacks
- Investigating Email Crimes
- Network Security
- Wireless Security
- Overview of Computer Forensics
- Data security policies relating to the network, database and applications in place
- Data loss prevention measures deployed
- Effective network access controls implemented
- Detection/prevention systems deployed
- Security controls established (Physical and Logical)
- Incident Response Program Implemented
- Nist Guidelines
- Key Elements Of Cyber Security Auditing: Controls And Threats
- IT ACT/ ITAA 2008 INDIAN PENAL CODE

#### Methodology

##### Methodology of the programme includes

- Learning prerequisites skill through ESCI LMS Platform
- Online Video Interactive sessions with Cloud-based Hand-on Practical,
- Online case studies, Sharing of experiences

(An ISO 9001:2015 Certified, AICTE & CEA Recognized Institution)

**Centre for Promotion of Professional Excellence**

## Target Participants

- System Administrators / Network Administrators/ IT Managers
- Defence Scientists / Officers of Forensic Labs / Police Offices / Officers / Managers involved in Cyber Security and Audit related works.
- Programmers / Professors / Faculty & Technical Staff of Engineering Collages
- The program is designed for all IT professionals involved with information system security, Security Audits.

## Programme Venue, Dates & Timings

**Venue:** IEI Centre Srinagar, J & K

**Dates:** 23 - 25 Oct 2024

### Timings

On the first day Registration will commence at 09:00 hrs. On all other days the programme timings will be from 09:45 – 17:15 hrs with breaks in between for tea and lunch.

## Course Director

**Mr. Syed Azgar , MBA(IT), RHCE, MCSA**

Sr Faculty & Head IT,

Information Technology Division,

Engineering Staff College of India, Hyderabad.

## Course Fee

₹ **38,000/- (Residential Fee)** per participant. Fee includes course material, course kit, twin-sharing / single AC accommodation as per availability, Breakfast, Lunch, Dinner, Tea / Coffee and Snacks during the actual days of training programme.

## Online Course Fee

₹ **20,000/-** per Participant. Fee includes course material, course kit, Lunch, Tea / Coffee and Snacks during the actual days of training programme..

**GST @18%** is to be paid extra and above the training fee as training. **PAN Card No.** AAATT3439Q. **GST No:** 36AAATT3439Q1ZV, **HS No.:** 999293 (under commercial training or coaching services – clause 65(105) (ZCC) of Finance act – 1994).

**Note: 18% GST Extra** (GST Nil for All State & Central Govt. Departments like DRDO, DGQA & Other Govt. Departments).

Programme fee is to be paid in in favour of “**THE INSTITUTION OF ENGINEERS (INDIA) – ENGINEERING STAFF COLLEGE OF INDIA**” by **Electronic Fund Transfer (EFT)** to ESCI – **Axis Bank** A/c No. **912010049234564** with The Axis Bank Ltd, Old Mumbai Hwy, Cyberhills Colony, P Janardhan Reddy Nagar, GachiBowli Hyderabad-500032 by NEFT/ RTGS/ IFSC Code No. UTIB 0000733 – MICR No.500211020. **While using EFT method of payment, please ensure to communicate us your company name, our invoice reference and programme title.**

## Registration

**Online registration** shall be available on ESCI **web portal** <http://www.escihyd.org/index.php/it-upcoming-trainings>

**To register manually** please send your nominations giving details of name, designation, contact address, email address, mobile no, telephone and fax number of the participant along with the details of mode of payment of fee, addressed to : [it@escihyd.org](mailto:it@escihyd.org)

**A Certificate of participation will be awarded to each participant on conclusion of the programme.**

**Information Technology Division, Engineering Staff College of India**

Gachi Bowli, Hyderabad – Telangana 500 032

Phone: 040 – 66304100 (EPABX) 66304123/24/25 (Direct), 8886661060 Fax: 040 – 66304103

Email: [it@escihyd.org](mailto:it@escihyd.org), web portal: [www.escihyd.org](http://www.escihyd.org)