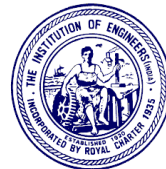




Engineering Staff College of India

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 Forensic & E-Surveillance

09 – 12 Jan 2024

Venue: Puri, Odisha

Introduction

Cyber forensics is the process of obtaining data as evidence for a crime (using electronic equipment) while adhering to correct investigative procedures to apprehend the offender by presenting the evidence to the court. Computer forensics is another name for cyber forensics. Computer forensics is used to recover data and identify the culprit behind a cybercrime. It's been used as evidence in criminal and civil law.

Now a day's electronic surveillance also play vital role to monitor organization security, E-Surveillance very useful for Remote Security Monitoring & Cogent Safe monitoring and analysis of security systems from remote Locations.

Objectives

- This instructor-led course will provide you knowledge in Computer Forensic.
- This Course provides in-depth knowledge of new techniques and tools used in Cyber defence and forensic investigation to meet the toughest challenges in fighting cybercrime.
- To Learn E-Surveillance Security, Analysis Tools & Techniques

Course Coverage

- **Cyber Security Overview**
- Types of Attacks
- Security Threats and Vulnerabilities
- Information Gathering techniques
- System and Windows Security
- **Overview of Cyber Forensics**
- Computer Forensics Investigation Process
- Types of Investigation Software's
- Digital Evidence First Responder Procedures
- Understanding Hard Disks and File Systems
- Windows Forensics
- Windows System logs & Registry Analysis
- Data Acquisition and Duplication
- Recovering Deleted Files
- Forensics Investigation Using Access Data FTK & EnCase
- Investigating Web & Mail Attacks
- Investigating Email Crimes
- Network Security
- Network Data Analysis
- Log Capturing and Event Correlation
- Tools for fingerprinting
- Network Monitoring and Management
- Port scanning & Network Traffic
- Wireless Security
- Investigating wireless attacks
- Mobile Security
- IT ACT/ ITAA 2008 INDIAN PENAL CODE
- **About E-Surveillance Security Systems**
- New Emerging Trends in E-Surveillance
- E-Surveillance Monitoring
- Image processing
- E-Surveillance Image Analysis Tools

Methodology

Methodology of the programme includes class room sessions with Lecture / Discussion with Hands- on Practical, with tools, audio visual aid, bench marked video shows, Chalk & Talk sessions, group discussions, case studies, debates, sharing of experiences etc. All the sessions will be interactive demanding active participation from all the members

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

Centre for Promotion of Professional Excellence

Target Participants

- System Administrators / Network Administrators/ IT Managers /
- Officers / Technical Staff Members of E-Surveillance Department
- IT Professional of DRDO /DGQA /Defence / Forensic Labs
- Programmers / Professors / Faculty & Technical Staff of Engineering Collages.
- The program is designed for all IT professionals involved with information system security, computer forensics, E-Surveillance and incident response

Programme Dates & Timings

Dates: 09 – 12 Jan 2023

Venue: Puri, Odisha

Session timings will be from 10:00 – 17:00 hrs. with 15 Minutes Tea break., One Hrs. Lunch Break

Course Director

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

Sr Faculty & Head IT,

Information Technology Division,

Engineering Staff College of India, Hyderabad.

Course Fee

₹ **18,000/- (Non-Residential)** per participant. Fee includes course material, course kit, Lunch, Tea / Coffee and Snacks during the actual days of the training program

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

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) (ZZC) of Finance act – 1994).

Programme fee is to be paid in in favour of “**THE INSTITUTION OF ENGINEERS (INDIA) – ENGINEERING STAFF COLLEGE OF INDIA**” in the form of demand draft payable at Hyderabad. Alternatively the payment may be made 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 <https://escihyd.org/division/it>

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

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

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