



Engineering Staff College of India

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



INFORMATION TECHNOLOGY DIVISION

Professional Development Programme

Cyber Security Best Practices



10 – 12 Oct 2017



(An ISO 9001:2008 Certified, AICTE & CEA Recognized Institution)

Centre for Promotion of Professional Excellence

Introduction

In today's computer world, networks are playing pivotal role in business, most of the organizations and enterprises depend on different kinds of Information Technology solutions like e-commerce, e-governance, e-learning, e-banking etc. These communications data must be secured and under control since the information stored and conveyed is ultimately an invaluable resource of the business. Securing vital resources and information in the network is the most challenging feat for system enterprise. The growing number of the computer Networks (internet/intranet) attacks and sophistication in attack technologies has made this task still more complicated.

The purpose of the Course is to develop the competency and expertise of a professional in security and networking skills thereby adding value to the workplace.

The Course provides knowledge and skills to protect their information assets. The Participant is introduced to various computer and network security threats such as identity theft, credit card fraud, online banking phishing scams, virus and backdoors, emails hoaxes, loss of confidential information, hacking attacks and social engineering.

Objectives

- The instructor-led course will provide knowledge and skills to protect your information assets
- Training provides knowledge and skills to preventing cyber crimes and ensuring network security.

Course Coverage

- Foundations of Security
- Securing Operating Systems
- Protecting Systems Using Antiviruses
- Data Encryption
- Data Backup and Disaster Recovery
- Internet Security
- Securing Network Connections
- Securing Online Transactions
- Securing Email Communications
- Social Engineering and Identity Theft
- Security on Social Networking Sites
- Information Security and Legal Compliance
- Securing Mobile Devices.

Note: Participants should bring their Laptop for Hands-on Practical & Case Studies

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.

Target Participants

- ❖ Senior Managers / Project Managers / HR Managers / Finance Managers/ Senior Executives
- ❖ Scientists & Executives of DRDO & Defence
- ❖ Senior & Middle Level Engineers, Managers, Professionals, Executives and Practicing Engineers managing projects in Government, Public & Private sector companies.
- ❖ Faculty & Technical staff of Engineering colleges.
- ❖ All the Managers / Executives who are using Computer, Mobiles & Internet and looking for information security.

Benefits to the participants

- ❖ After completing this course, the Participant will be able to prevent cyber crimes & Attacks using new trends & techniques.
- ❖ Rear opportunity for experience sharing among numbers of guest speakers and experts from various organizations from all over India.

Programme Venue, Dates & Timings

Venue: Engineering Staff College of India (ESCI) Campus, Old Bombay Road, Gachi Bowli, Hyderabad. 500032. TS, India.

Dates

10 – 12 Oct, 2017

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
Faculty & Manager-IT,
Information Technology Division,
Engineering Staff College of India, Hyderabad.

Course Fee

₹ 15,000/- (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.

DISCOUNTS

- ❖ **Non – Residential Fee** - 10% discount on course fee is allowed for non- residential participants.
- ❖ **Group Discount** - Additional 10% discount for three or more participants if sponsored by the same organization.

(All discounts are applicable only if fee is received at ESCI before commencement of the programme)

GST @18% is to be paid extra and above the training fee as training is also brought under the purview of Service Tax in Finance Bill 2010. **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 - SB A/c No. 10007111201 with The SBI, PBB, Rajbhavan Road Branch, Khairatabad, Hyderabad-500004 by NEFT/ RTGS/ IFSC Code No. SBIN 0004159 – MICR No.500002075. **While using EFT method of payment, please ensure to communicate us your company name, our invoice reference and programme title.**

Register Online: <http://www.escihyd.org/trainings/information-technology/>

To register, manually please send your nominations giving details of name, designation, contact address, email address, mobiles no, telephone and fax number of the participant along with the details of mode of payment of fee, addressed to:

The Head

Information Technology Division
Engineering Staff College of India
Gachi Bowli, Hyderabad – 500 032
Phone: 66304100 (EPABX) / 040 – 66304123/24/25 (Direct), Fax: 040 - 23000336
Email: it@escihyd.org, Portal: www.escihyd.org

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

- ESCI encourages participants to present case studies from their respective organizations.
- For the convenience of outstation participants, ESCI will facilitate pick-up and drop from Airport / Railway Stations / Bus Stations, if travel plans are received at least 3 days in advance along with mobile number by fax or email. The charges shall be paid by the participant directly to the Cab.
- ESCI provides complimentary accommodation and boarding to the participants one day before commencement (Check-in 1200 h) and one day after conclusion (Check-out 1200 h) of the programme duration. Overstay charges will be applicable as per ESCI rules (subject to availability of accommodation)
- Well developed Information Centre and Internet facilities are available to the participant.