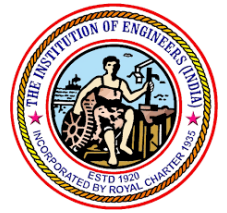




Engineering Staff College of India
Autonomous Organ of The Institution of Engineers (India)
(An ISO 9001:2015 Certified, AICTE & CEA Recognized Institution)
Old Bombay Road, Gachibowli, Hyderabad, Telangana – 500 032, India



Industrial Training cum Internship on
CYBER SECURITY & DIGITAL FORENSIC



INFORMATION TECHNOLOGY DIVISION

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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 Digital Forensic skillset became mandatory in the present day.

Industrial Training Topics

- Cyber Security Overview
- Types of Attacks
- Goals for Security and its properties
- Security Threats and Vulnerabilities
- Hacking Techniques,
- Five phases of Hacking,
- Information Gathering techniques
- System Security
- Windows Security
- Threats, Exploits and Vulnerabilities
- Overview of Computer Forensics
- Computer Forensics Investigation Process
- Classification, Searching and Seizing Computers
- Digital Evidence First Responder Procedures
- Understanding Hard Disks and File Systems
- Windows Forensics
- Data Acquisition and Duplication
- Recovering Deleted Files
- Web & Mail Attacks
- Investigating Web Attacks
- Tracking Emails and Investigating Email Crimes
- Network Security
- 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
- Project

Project Development: Project development after successful completion of training.

Internship Details:

Duration: 2 Weeks Hands – on Training + 2 Week Project Development

Venue: Online

Fee: Rs.4500/- (Inclusive of 18% GST)

Assessment & Certificate: ESCI and Technology Partner

Internship Dates - 09 May - 04 Jun 2022 06 June – 02 July 2022 04 – 08 July 2022