



## **CYBER SECURITY TRAINING COURSE CONTENT**

### **SECTION 1: Introduction to Cyber Security**

- Threat and Vulnerability Landscape
- Objectives and Goals
- Security, Vulnerabilities, threats
- Tech Brief - Privacy and Anonymity and Pseudonymity
- Risk Assessments
- Threat Modeling
- Security Principle's
- OSINT
- Vulnerabilities and Exploit Landscape
- Hackers vs Crackers
- Deep and Dark Web
- Dark Markets

### **SECTION 2: Information Security Laws**

- HIPPA
- FISMA
- GDPR
- IT-ACT
- PCI-DSS

### **SECTION 3: Malicious codes**

- Virus
- malware
- rootkits
- RAT's
- Spyware
- Adware
- Scareware
- PUPs
- CPU Mining and Cryptojackers

#### **SECTION 4: Social Engineering**

- Phishing
- vishing
- SMSing
- Spamming
- Doxing

#### **SECTION 5: Cyber Threat Intelligence**

- Spies and Secrets
- Indian Cyber Organizations

#### **SECTION 6: Cryptography**

- Tech Brief
- Types of Encryption
- Symmetric vs Asymmetric
- Hashing
- SSL/TLS
- PGP
- CA and HTTP
- Steganography

#### **SECTION 7: Our Own Lab**

- Setting our lab
- Vmware and Virtual box
- Portable linux os (Kali, redhat, Parrotsec)

#### **SECTION 8: Windows & Linux Security and Privacy**

- Tech Brief
- Vulnerabilities and Exploits
- Privacy and Tracking
- Privacy theft via Voice recognition
- UAC Bypass

#### **SECTION 9 : Secuiryt & Anonymity OS**

- QubesOS
- Subgraph OS
- Trisquel OS
- Tails
- Whonix

## SECTION 10: Isolation and Compartmentalization

- Tech Brief
- Hardware Isolation
- Virtual Isolation (8:36)
- Sandbox Isolation
- Hardening Vm

## SECTION 11: Incident Management

- Preparing
- Identification
- Containment
- Eradication
- Recovery
- Reporting



+91 9884412301 | +91 9884312236



info@credosystemz.com



Know more about [Cyber Security](#)



New # 30, Old # 16A, Third Main Road,  
Rajalakshmi Nagar, Velachery, Chennai  
(Opp. to MuruganKalyanaMandapam)

[BOOK A FREE DEMO](#)