FORENSIC ACADEMY -CEHE
Certified Ethical Hacking Expert

3 Months Program in Ethical Hacking & Cyber Security

12 Weeks # Masterclasses with Experts # Labs Sessions for Hands-on Practice

www.forensicademy.in

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FORENSIC ACADEMY- CERTIFIED ETHICAL HACKING EXPERT

CEHE- Curriculum

Firstly, you will go through networks and understand OS/Linux operations. Lately in this program you will understand the attacks (Network / Web / API) and lesson to perform VAPT on IT infrastructure. You will learn to design the security controls needed to build a resilient system.

Introduction to Operating System >>

TOPICS

- Linux Architecture
- Linux File directory architecture
- Installation of Linux
- Basics Commands of linux and their usage description of files like password, shadow, sudoers etc.
- Virtual Machine Installation
- Introduction to Kali Linux and its tools
- Introduction to Backtrack / KALI OS
- System
- Penetration testing using KALI
- The bash Environment
- Simple Bash Scripting
- Linux Standard to Advance Commands for Day-to-Day usages...
- Parrot OS Working
- UBUNTU Desktop Working for Some Others Tools
- Process Management in Linux
- How to Handle Linux
- Also Hands on Windows powershell or cmd prompt

TOPICS

- Basics of Networking
- Important Protocols and their headers
- TCP
- UDP
- IP
- ICMP
- Ports and their basic
- Basics of Linux Services
- IPV4 & IPV6
- CISCO Packet Tracer
- Design Network for Offices
- Network Exploitation Framework
- Information Gathering and Foot printing
- Network vulnerability assessment
- Wifi Hacking and Security
- WLAN Security
- Wireless Security Testing
- Router Penetration Testing
- Metasploit Framework
- Network Scanning VA Tools
- Network IDS IPS Implantation
- Packet Capturing -Wireshark Advance
- Network Scanning -NMAP Advance
- MITM Attack
- DoS or DDOS Attack Real Time
- How to takedown Network Devices
- VPN , Proxy
- Exploitation Framework
- Network Assessment Key Point
- Network Security Testing Report Generating

TOPICS

- Basic of Web Security
- Web Application Architecture
- Web Server Working
- HTTP Methods
- Burp suite Tool
- OWASP ZAP Proxy
- XSS or JS Injection Attack
- SQL Injection ATTACK
- RCE Injection
- LFI or RFI
- Command Injection
- Malicious file inclusion
- Session hijacking
- Website code review and secure coding principles
- Web Vulnerability Assessment
- Web Penetration Testing
- Sql injection basic to advance
- Sql query for exploitation
- Sqlmap -havij for automatic
- SSL enumeration
- Google Hacking
- Open Web Hacking Tools
- Proxy Tunnel SSH
- Enumeration Tables Names
- Web db Hacking
- Payment Authentication bypass
- Web Application Attack vectors
- Open Redirection Vulnerability
- Web Security Methodologies building
- Web Hacking Report Generating

TOPICS

- Introduction APIs
- Type of APIs
- Common API Authentication
- Tools for API Testing
- Postman, Burp suite, OWASP ZAP
- Setting up proxy for interception API request
- API Endpoint- GET, POST, PUT, DELETE
- API Response code and meaning
- API Security Issues
- Missing or weak authentication
- Lack of rate limiting
- Sensitive data exposure
- Api key enumeration
- SQL injection in API parameters
- Command Injection API
- Testing for Rate-limiting bypass
- How to find Endpoint
- Automation Tool for API
- API enumeration
- API practical hacking
- API hacking using POSTMAN
- Api Gateway Security features
- API Integration

Admission Process-

Application should have minimum qualify 12th with Any stream if you have some IT domain knowledge its good for understanding easily little bit

Total Fee : INR 9,999/- (25,000)

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Visit: our website: www.forensicacademy.in