2-weeks Live Online

FDP | Internship Training | Industrial Training

on

Ethical Hacking & Cyber Security

Total Duration: 20-Hrs LIVE, 2-Weeks

Course Content:

Module 1 - Introduction to Hacking –

1. Introduction to Ethical Hacking.

2. Phases of Hacking.

3. Types of Hackers.

4. Module 4 – Basic Python Programming

Module 2 – OSINT –

1. OSINT Websites

2. OSINT Extension

3. OSINT Tools

4. OSINT using Kali Linux

Module 3 – Networking –

1. Types of IP Address

2. IP Address Classes

3. IP Addressing

4. Subnetting

5. TCP/UDP

6. OSI Model

Module 4 - Scanning Networks

1. Ping

2. Nmap

3. Online Nmap

4. Wireshark

5. Other Tools

Module 5 - Vulnerability Assessment –

1. Nessus Installation

2. Nessus Usage

Module 6 - Introduction to Malware –

1. Types of Malware

Module 7 - System Hacking Using Built in Vulnerabilities and Malware Creation –

Module 8 – Introduction to Privilege Escalation –

Module 9 - Password Cracking –

1. ZIP/RAR Password Cracking

Module 10 – Denial-Of-Service –

1. DOS Attack

Module 11 - HTTP Intercept Web Proxy Setup (Web Application Testing Lab) –

    1. Lab Setup

Module 12 – Introduction to Web Servers and Web Applications –

Module 13 - Introduction to Web-Application/Web Server Pen-Testing –

Module 14 - Social Engineering –

1. Email Spoofing.

2. Identify Phishing Emails.

3. Phishing Attacks over LAN Network

4. Phishing Attacks over WAN Network

Module 15 - Hacking Wireless Networks –

1. Wifi Hacking

Module 16 - Hacking Mobile Platforms –

    1. Hacking using Metasploit Framework

    2. Android Debug Bridge

    3. Airdroid

Module 17 – Introduction to Mobile Application Pen-Testing –

Module 18 - Introduction to Cryptography and Steganography –

Module 19 - Privacy and Anonymity –

Module 20 - Hacking and Cybersecurity in Today's World –

Module 21 – Road map to the world of Cybersecurity –

Who can attend?

- Training is best suitable for Engineering college faculty, Research scholar, Student &

  Working IT Professional.

For Whom this Training is?
There is No Prerequisite for the Training

- Anyone who wants to learn about Ethical Hacking.
- Any students in college who want to start a career in Cyber security.
- Faculty & Research Scholars who wish to learn about Cyber security.
- Working Professional who wants a new career as a cyber-expert.

Training Highlights

- 20+ Hours live online Hands-on based learning
- Training includes: Soft copy of Training material, Training PPT's, Project code & Training Recording.
- Certificate of completion from Eduxlabs in Association with Mechanica IIT Madras

Note: We can customize the certificate as per your need Ex.

- FDP Certificate
- Industrial Training Certificate
- Internship Certificate / Others

Training Fee

	Training Fee
2-weeks Training Program	₹ 2199/-only

Prerequisite: There is no prerequisite for this training,

TO Know More : https://www.eduxlabs.com/ethical-hacking-cybersecurity

EduxLabs Teams

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