

### **EARN ETHICAL HACKING BADGE**

# ETHICAL HACKING

**Training & Certification Course** 

Rs 6,000/-

Unlock the Power of Ethical Hacking: Safeguarding the Future with Knowledge and Integrity!

15 DAYS TRAINING + 15 DAYS PROJECT



#### **NETWORKING:**

- Introduction to Networking
- Types of Network
- Basic Terminology
- OSI Model
- Protocols
- Common Protocols & Ports

#### LINUX:

- Installing KALI LINUX
- LINUX Basic Commands
- Intermediate Commands
- LINUX Directory & File Permissions
- Linux Utilities

#### **INTRODUCTION TO ETHICAL HACKING:**

- Information Security Overview
- Cyber Kill Chain Concepts
- Hacking Concepts
- Ethical Hacking Concepts
- Information Security Controls
- Information Security Laws and Standards

### **FOOTPRINTING AND RECONNAISSANCE:**

- Footprinting Methodology
- Footprinting through Search Engines
- Footprinting through Web Services
- Footprinting through Social Networking Sites
- Website Footprinting



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- Email Footprinting
- Whois Footprinting
- DNS Footprinting
- Network Footprinting

#### **SCANNING NETWORKS:**

- Network Scanning Concepts
- Scanning Tools
- Host Discovery
- Port and Service Discovery
- OS Discovery
- Scanning Beyond IDS and Firewall

# **ENUMERATION:**

- Enumeration Concepts
- NetBIOS Enumeration
- SNMP Enumeration
- LDAP Enumeration
- NTP and NFS Enumeration
- SMTP and DNS Enumeration

#### **SYSTEM HACKING:**

- System Hacking Concepts
- Gaining Access
- Cracking Passwords
- Vulnerability Exploitation
- Escalating Privileges
- Maintaining Access
- Executing Applications
- Hiding Files





#### **DENIAL-OF-SERVICE**

- DoS/DDoS Concepts
- DoS/DDoS Attack Techniques
- Botnets
- DDoS
- Case Study
- DoS/DDoS Attack Tools

### **EVADING IDS, FIREWALLS, AND HONEYPOTS**

- IDS, IPS, Firewall, and Honeypot Concepts
- DS, IPS, Firewall, and Honeypot Solutions
- Evading IDS
- Evading Firewalls
- IDS/Firewall Evading Tools
- Detecting Honeypots
- IDS/Firewall Evasion Countermeasures

#### HACKING WEB APPLICATIONS

- Web App Concepts
- Web App Threats
- Web App Hacking Methodology
- Footprint Web Infrastructure
- Analyze Web Applications
- OWASP TOP 10



#### **HACKING WIRELESS NETWORKS:**

- Wireless Concepts
- Wireless Encryption
- Wireless Threats
- Wireless Hacking Methodology
- Wireless Hacking Tools
- Bluetooth Hacking
- Wireless Countermeasures

### **HACKING MOBILE PLATFORMS:**

- Mobile Platform Attack Vectors
- Hacking Android OS

### **CRYPTOGRAPHY**:

- Cryptography Concepts
- Encryption Algorithms
- Cryptography Tools
- Public Key Infrastructure (PKI)
- Email Encryption
- Disk Encryption





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# **■** LEARNING

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