

CII-512

❖ **Module 01:- Introduction To Cyber Security**

- Introduction To Cyber
- More About Ethical Hacking
- Overview Of Cyber Security Certification's

❖ **Module 02:- Touch Up On Some Languages**

- HTML, CSS & Java Script
- MySQL & PHP

❖ **Module 03:- Understanding Computer Networking**

- Basic Networking
- Intermediate Networking

❖ **Module 04:- Setting Up Environment**

- Setting Up Lab
- Windows
- Linux

❖ **Module 05:- Footprinting**

- Network Footprinting & Whois
- Website, DNS And Email Footprinting
- GHDB

❖ **Module 06:- Scanning**

- Scanning Tools
- Nmap
- VAPT & WAPT Scanners

❖ **Module 07:- Cryptography**

- Understanding Cryptography
- Understanding Steganography

❖ **Module 08:- Enumeration And Exploitation**

- Service Enumeration
- Exploitation Using Metasploit Framework

❖ **Module 09:- System Hacking (How Hackers Hack System)**

- Hacking System as Offensive Part
- Different Types of System Hacking
- Using RAT
- ARP Poisoning (MITM Attack)
- Using Usb
- Keylogger
- Shell

❖ **Module 10:- Advance Exploitation**

- Buffer Overflow

❖ **Module 11:- Introduction To OWASP, Web VAPT And SQL Injection**

- Intro About OWASP Top 10
- Web VAPT Basic
- Learning SQL Injection

❖ **Module 12:- VAPT And WAPT**

- Introduction To Bug Bounty
- Introduction To Penetration Testing
- Performing VAPT
- Performing WAPT

❖ **Module 13:- Identifying Security Misconfigurations**

- Testing For Security Misconfigurations

❖ **Module 14:- Securing Systems**

- Security Auditing
- Creating Audit Report

❖ **Module 15:-Report Writing**

- Writing Report For Owner
- Writing Report For Developer

❖ **Module 16:- IOT Hacking**

- Information About IOT Devices
- Attack On IOT Devices

❖ **Module 17:- Social Engineering Attacks**

- Knowing How Hacker's Attack On Social Platforms
- Securing Social Platforms

❖ **Module 18:- Digital Forensics With Malware Analysis**

- Introduction To Digital Forensics
- Introduction To Malware
- Computer Forensics
- Mobile Forensics
- Network Forensics
- IOT Forensics
- Malware Analysis
- Anti Forensics And Securing Systems, Network & Android's From Malware Attack