



# CYB3R S3CURITY INDIA

## एथिकल हैकिंग : सुनहरे भविष्य की नींव

### Course Detail

**Course Name :** Certificate In Ethical Hacking And Security (CEHS)

**Duration (Months):** 2 / 1 **Fee :** Rs.15,000.00 **Tax :** 0.00 % **Tax :** Rs.0.00 **Total Fee :** Rs.15,000.00

#	Course Content
1	Importance of Cyber Security
=>	What is Cyber Space?
=>	What is Virtual World?
=>	Career in Cyber Space
=>	Job Opportunities in Hacking & Cyber Security
=>	Roles & Responsibility of Cyber Expert
=>	Job Areas & Designation
2	Understanding Internet Process
=>	Introduction Of Internet
=>	How Does Internet Works?
=>	Internet vs Intranet
=>	Network Introduction
=>	Types of Network
=>	Network Topology
=>	Network Devices
=>	What is LAN, MAN & WAN?
=>	What is IP Address?
=>	Types of IP Address
=>	IP Address and Architecture
=>	What is Internet Service Provider?
=>	Introduction of Web Server/ISP
=>	Devices Used in ISP Architecture
3	Exploring Ethical Hacking
=>	Information Security

#	Course Content
=>	Types of Information
=>	CIA Module
=>	Types of Threats to Info. Security
=>	What is Hack?
=>	What is Hacking?
=>	5 Phases For Hackers & Investigator
=>	Social Engineering
=>	Social Engineering Techniques
4	Social Media & Banking Security
=>	What is Social Media?
=>	Negative things on Social Media
=>	Secure Access of Facebook
=>	Secure Access of Instagram
=>	Secure Access of Whatsapp
=>	Secure Online Banking
=>	Types of Banking Transaction
=>	Steps for Safe Banking Transaction
5	Browser & Email Security
=>	What is Web Browser?
=>	Different Web Browser
=>	What type of Data Browser Stores?
=>	How hackers steals & use our Data?
=>	How to Secure Browser?
=>	What is Browser extension?
=>	How to use or download extension?
=>	Email Option
=>	Email Security
6	Digital Data Security
=>	Introduction to Digital Data & Security
=>	Prevent Data from Cut, Copy And Paste
=>	Restrict Pen Drive from Computer
=>	USB Port Security
=>	USB drive & Storage Devices Security
=>	Monitoring Folder Activity

#	Course Content
=>	Unrecoverable Delete
=>	Tracking Computer Activity
=>	Virus Protected Computer With Antivirus
=>	Remove Malware, Spyware, Rootkit , Backdoor, Trojan From Computer
=>	Computer Security
=>	Window TIPS
7	Portable USB PC
=>	What is Portable USB PC?
=>	Why It's Important in Digital Security?
=>	Create USB PC using Portable Apps.
=>	Working of USB PC
8	Kali Linux : The Ultimate Weapon
=>	What is Linux?
=>	What is Kali Linux?
=>	Introduction of Offensive Security
=>	How to Download Kali Linux?
=>	Kali Linux : OS for Hackers
=>	Live USB of Kali Linux
=>	Introduction of virtualisation Technology
=>	What is Virtual Machines?
=>	How to Download VM?
=>	How to install VM in Windows?
=>	How To Install Kali Linux in Vmware/Virtual Box?
=>	Installing Dual Boot Kali Linux
=>	One Step Kali Installation in VM
=>	Five plus scripts in Kali Linux
9	Introduction to Penetration Testing
=>	Introduction of Penetration Testing
=>	Need of Penetration Testing
=>	Security Audits Vs Vulnerability Assessment Vs Pen Test
=>	Types of Penetration Testing
=>	Real world Penetration Testing Team Video
=>	Phases Of Penetration Testing
=>	Security Testing Methodology

#	Course Content
10	Google Dork : Information Gathering & Foot-printing
=>	Foot-printing Concept
=>	Benefits Of Foot-printing
=>	Foot-printing Methodology
=>	Foot-printing Through Search Engine
=>	Foot-printing Using Advanced Google Hacking Techniques
=>	GHDB Database
=>	Search Diggity Tool
=>	Foot-printing Through Social Networking Websites
=>	Website Foot-printing
=>	WHOIS Foot-printing
=>	DNS Foot-printing
=>	Recon-NG
11	Introduction of Cyber Crime Investigation
=>	Cyber Crime Introduction
=>	Types Of Cyber Crime
=>	ITAct - 2008
=>	Cyber Crime Cases
=>	Cyber Law
=>	What is Server Log?
=>	Introduction of Nodal/Grievance officer
12	Data Recovery and Digital Data Analysis
=>	The reality
=>	What is Data Loss?
=>	Your responsibility
=>	Common Computer Problems
=>	What Causes Data Loss?
=>	How to Prevent Data Loss?
=>	Data Backup
=>	Backup Hardware
=>	After Backup
=>	Data Recovery
=>	Data Recovery TIPS
=>	Data Recovery Techniques

#	Course Content
=>	Data Recovery Software's
=>	Use of machines to recover data
=>	Scanning Probe Microscopy (SPM)
=>	Magnetic Force Microscopy (MFM)
=>	Scanning Tunnelling Microscopy (STM)
=>	Data Destroy
=>	Tools for Data Destroy
13	Website Hacking & Investigation
=>	What is Website?
=>	Types of Website
=>	What is Domain?
=>	What is Web Hosting?
=>	Types of Web Hosting Servers
=>	Top 5 Web Hosting Providers
=>	What is Database in Website?
=>	What is front-end & Back-end?
=>	How Database is connected to website?
=>	What is SQL?
=>	Command to manipulate database
=>	What is Phishing?
=>	How to create phishing page?
=>	How to send and grab credentials using Phishing links?
=>	What is Dos & DDos attack?
=>	Network and Website DoS attack methods
=>	What is SQL Injection?
=>	Types of SQL Injection
=>	SQL Login bypass
=>	Website data dump using SQL Map
14	Mobile Number Hacking
=>	Trace Spoof Mobile Call
=>	Applications for Virtual Numbers
=>	Mobile Number Hacking/Spoofing
15	Vulnerability Assessment and Pen-testing
=>	Vulnerability Assessment

#	Course Content
=>	Type of Vulnerability Assessment
=>	Vulnerability Research
=>	Web Server Attacks
=>	Website Attacks Methodology
=>	Website Information Gathering
=>	Web Server Foot-printing
=>	Mirroring a Website
=>	Vulnerability Scanning
=>	Web Server Security Scanner: Acunetix Scanner
16	Wi-Fi Hacking & Security
=>	Social Engineering Toolkit
=>	Wireless Hacking Methodology
=>	WiFi Discovery
=>	GPS Mapping
=>	Launch Wireless Attack
=>	Crack Wireless Encryption
=>	WiFi Jammer / Signal Blocking
17	Mobile Apps
=>	What is Mobile Application?
=>	Smart Phone Application for Routine Life
=>	Application for Smart Phone Security
=>	Paid apps for free of Cost
=>	Earning from Mobiles Apps
18	Research on Current Industrial Security Tools & Solution
=>	Installing and Configuring Firewalls
=>	Employee System Monitoring
=>	Call Monitoring Systems - Tellecalls
=>	End Point Security Solutions
=>	Report Tracking and Management
19	Reports
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20	Case Study
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21	Internship for Two Months (Optional)

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Course Content

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