



ETHICAL
HACKING
TRAINING
CENTER

C|EHP – Certified Ethical Hacking Professional



**INDIAN CYBER
SECURITY SOLUTIONS**

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Indian Cyber Security Solutions had been working with the organizations and government agencies. With around 10 years of experience in the cyber security domain we have sensed the need for proper cyber security training for students and corporates. We believe in imparting practical training and so we have developed the C|EHP course which is 100% practical oriented. Professionals from IT security domain will share their practical experience with students in the class.

ABOUT – INDIAN CYBER SECURITY SOLUTIONS (ICSS)

Cyber Security scenario had changed dramatically in India in the recent past where ICSS as an organization caters to the need of technology based risk management & cyber security solution in India. By this time it has gathered a good deal of momentum and has reached a distinguished position out of the leading firms in this domain in the country.

We provide all sorts of solutions to our clients & protect them from the manifold of cyber-attacks they are exposed to in their day-to-day activities. We assure them all round shield against data theft, security breaches, hacking, network vulnerability, virus attacks, system compromise, frauds etc. through our expertise solution package of cyber security audit & assurance, I.T. service management, information security and business technology advisory.

We have designed & devised a plethora of cyber security solution services taking into account the needs of the hour in the present context. We build up B 2 C relationships not only in producing solution package but also by creating a long standing support system through our talented and dynamic professionals who are committed to the cause. We assure all round cyber security solution to our clients in risk management and ensure their protection vis-a-vis optimal sustainable performance. We are working for the last decade with professionally certified ethical hackers & ISO 27001 Auditors.

C|EHP – *Certified Ethical Hacking Professional Course*



Cyber security has assumed a matter of grave concern since IT has become omnipresent and omnipotent in the lives of individuals and businesses across the globe. All corporate business relies on computers. All the data relating to the customers are stored in servers. These data are the assets of the subject organizations. Any sort of data infringement would lead to irreparable loss to the organization by way of legal and/or reputational consequences. Therefore, data security becomes the top agenda of the company or organization. Organizations aim is to protect the database from destructive forces and unauthorized access. It is in this connection that cyber security plays such a crucial role. Ethical Hacking Training from ICSS will enable you become a CEHP in this regard.

CEHP course can be undertaken by anyone who has completed his/her boards and feels a passion about hacking and/or wants to pursue a career on the same. The opportunity for a career in cyber security at the moment in India is plentiful and remarkable and so is it there to stay. As per an estimate given by NASSCOM our country needs 1 million well-trained and knowledgeable cyber security professionals by 2025 but it looks like a distant dream at least for the moment with the current number being around 62,000 approximately.

So becoming an ethical hacker is worth having a go. Even if you are from an IT background there is no job assurance in the present market context. But, with CEHP in your kitty you stand yourself a great chance of bagging not only an ordinary job, but a dignified one. Our hugely proficient hackers at ICSS with over 10 years of experience and wide range of exposure already will surely end your quest of 'how to become an Ethical Hacker' and turn you into actually one. We offer online hacking course also apart from class-room training where you can learn hacking from the comforts of your home.



Eligibility Criteria for C|EHP course:

Anyone who has a keen interest in learning ethical hacking and want to use this knowledge to enhance his carrier opportunity can go for this course. He / She should follow certain carrier path to be really successful as a Cyber Security Professional.

1. People having technical background (Btech in CSE / IT / ECE , BCA, MCA) can go for Python Programming course as it will give the basics of how you can also develop hacking tools and then go for the C|EHP course and complete it with C|WAPT (Web Application Penetration Tester) course and can work as a application penetration tester.
2. People who belong from a non-technical background can also go for this course as they can start with C|NP (Networking – CCNA structure) course from us and then go for C|EHP and complete it with C|NPT (Network Penetration Tester) and can apply for network security penetration tester jobs.

We have divided the domain to maximize the carrier opportunities for individuals and minimize competition in their respective fields.

C|EHP – Course Module

Introduction To Ethical Hacking

1. What is hacking? And what is Ethical about it?
2. Types of Hackers.
3. Terminology of Hacking [Vulnerability, Exploit, 0-Day]
4. 5 Steps of Hacking [Information Gathering, Scanning, Gaining Access, Maintaining Access, Covering Tracks]
5. Discussing about Information Gathering [Active, Passive]
6. Information Gathering Practical
7. Google Hacking
8. Types of malicious files [virus, worm, rootkit etc]
9. Introduction to Kali/Linux OS
10. Social Engineering

➤ 100 Marks assignment



Installation

1. According to the configuration of Laptop, 32/64 bit, provide VMware, and any Penetration testing OS like Kali 1.1.0a/Backbox, Windows XP SP2
2. Install VMware, OSs on it using Bridge Connection
3. Completion of the Lab setup.

Explanation of the tools

1. Ping a Website to get IP
2. Network Scan, Port Scan, Service Scan, OS Fingerprint Scan [Nmap/Zenmap]
3. Network Vulnerability Scanning [Nessus/Open VAS]
4. Metasploit, SE Toolkit
5. Web Vulnerability Scanning [Acunetix/Zap]
6. Sql-Injection [Havij, Sqlmap]
7. Addon:- server spy, Passive recon, Flagfox, Ghostery, Cryptofox, Wapplazer (Mozilla Firefox), Tamper data



➤ 100 Marks assignment

System Hacking

1. System Hacking using Kon-Boot, Live CD
2. Prevention of System Hacking
3. Types of Passwords
4. Password Cracking



5. Dictionary, brute force attack, Rule Based attack
6. Keylogger, Spyware, Rootkits
7. Defending Keylogger, Spyware and Rootkits

➤ **100 Marks assignment**

Protect Your Data

1. Cryptography
2. Steganography

Network Penetration Testing

1. Remote Administration Tool [RAT]
2. Scanning with NMAP
3. Vulnerability Scanning using Nessus/Qualys Free Scan/ GFI Lan Guard
4. Metasploit
5. Set toolkit
6. Protect System from RAT
7. Protect System from Metasploit
8. What is Sniffing and what is the mechanism of Sniffing
9. How to use Wireshark and Cain and Able as a sniffer
10. What is netscan and how it works. Real time practical
11. Malware threats and prevention
12. Denial Of Service/ Distributed Denial Of Service
13. Session Hijacking
14. Hacking Wireless Network
15. MAC Spoofing



16. IP Spoofing
17. Tor Browser and VPN

➤ **100 Marks assignment**

Web Application Penetration

- i) Web Application and its basics (Understanding HTML and its response)
- ii) OWASP Top 10 Vulnerability
- iii) Sql-Injection [Basic, Advance]
- iv) Practical of Sql-Injection using Havij/Sqlmap
- v) Prevention of Sql-Injection
- vi) Cross Site Scripting and Its effect
- vii) Prevention of Cross-site scripting
- viii) Data-tampering on E-commerce Sites
- ix) Prevention of Data-tampering
- x) Website Defacement and Prevention
- xi) E-mail hacking using phishing
- xii) Hacking Web Servers



➤ **100 Marks assignment**

Cyber Law in India in depth analysis

COURSE DURATION:



2 Months course (2 classes per week with 3 hours of each day class)

COURSE FEE:

INR – 13,000/- (Class room training)

INR – 18,000/- (Online training)

CERTIFICATION:

Certificate from **INDIAN CYBER SECURITY SOLUTIONS** will be awarded after successfully completion of the course.

Gradation System: (on total marks obtained)

E Excellent Performer (90% - 100% marks)

A+ (80% - 89% marks)

A (70% - 79% marks)

B+ (60% - 69% marks)

B (50% - 59% marks)

C (not qualified – reappear all the modules)



Why Choose INDIAN CYBER SECURITY SOLUTIONS?

- ❖ Industry professions from Amazon, Cognizant & Intel will share their practical experience in the class
- ❖ 100% practical and lab based classes (available online & offline)
- ❖ 30% Scholarship program for merited students with minimum of 90% marks in their board exams
- ❖ LIFE TIME access to video tutorials, case studies and hacking forum “HACKERS LAB”
- ❖ 100% money refund guaranteed if you are not satisfied within first 4 classes
- ❖ EMI option available if you go for 2 or more courses.



[Check out our Google reviews from our satisfied students](#)

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