PROFESSIONAL
ETHICAL HACKING

- One Step Towards National Security with ultimate ethical hacking skills.
- Master in-demand cybersecurity skills with hands-on training on industry-relevant projects and real-life case studies.

www.spyriotsecurity.in +91 6370634758 Debadutta Chandan Dash

SYLLABUS

30 Day's course + 45 Day'sInternship+5 Real-life case studies

Module 01. Introduction to Ethical Hacking & Cyber Security.

- Fundamentals of cyber security & ethical hacking-understandingprinciples,attack surfaces, ethical hacking concepts, Cyber Law's and legal considerations.
- Networking & Protocols - Basics of TCP/IP, OSI model, ports, protocols, firewalls, and network security principles.
- Cyber threats & attack vectors - Malware, phishing, social engineering etc.

Module 02. Professional In Windows and Kali Linux Commands.

- PowerShell & CMD Essentials – File operations, user management, network commands, registry modifications, and scripting basics.
- Linux file system & user management – File permissions, user privilege management.

Module 03. Hide Your Identity : Be An Anonymous Hacker.

- Change IP address using VPNs, Tor, I2P, proxy chains and various tools.
- Configuring multi-layered anonymity with Tor over double VPN to access Dark-Web.
- Using burner emails, temporary phone numbers, and other intelligence tools.
- End-to-end encrypted communication techniques using Dark-Web.

Module 04. Scanning & Enumerate Target's Network For Data.

- Perform Active & Passive scanning over target's domain to gather information.
- Detecting active hosts, ports, services, and Operating system of target's network.
- Executing three-way hand-shake between client and server.
- Capture username and password from targets browser over LAN.
- Monitoring search history and network traffics of target during the browsing.

Module 05. Finding Vulnerabilities In Website & Web-server.

- Understanding OWASP Top 10 Vulnerabilities.
- Using industry level tools / software for perform vulnerability analysis.
- Find various vulnerabilities and bug's using Artificial Intelligence.

- DNS Enumeration and domain analysis.
- Tracking past internet activity of target website.

Module 06. Social Engineering To Exploit Human Vulnerability.

- Understanding human behavior, trust exploitation, and manipulation techniques.
- Hacking different social media platform like Facebook, Instagram, twitter etc.
- Perform phishing attack (WAN), malicious attachments and cloning target’s website.
- Using deepfake technology, creating fake profiles, and voice cloning attack.

Module 07. Cyber Threat Hunting & Malware Analysis.

- Identifying signs of compromise and tactics, techniques and procedures.
- Detecting malware, unauthorized access, and suspicious network activity.
- Collecting and preventing volatile and non-volatile digital evidences.

Module 08. Reverse Engineering To Make A Crack Software.

- Reverse engineering with .exe files to extract and analysis the source code.
- Reverse engineering with malicious software to bypass anti-virus.
- Reverse engineering android application for penetration testing.
- Creating MOD .apk software using reverse engineering techniques.

Module 9. Bug Bounty Hunting.

- Research on bug bounty platform and programs to start the bounty hunter journey.
- Finding bugs over web application and operating system.
- Perform web application vulnerability assessment using various tools.
- Writing a professional bug report, e-mail & responsible disclosure.

Module 10. Generative AI in cyber security.

- Overview of Generative AI and key terminology (GANs, VAEs, LLMs).
- Deepfake and misinformation : implications of AI-generated content on society.
- Using advanced AI tools for cyber security and technical requirements.

Module 11. Hacking Windows Operating System.

- Understanding phases of system hacking and cyber kill chain techniques.
- Hacking windows OS using malware through USB Drive (Automation process).
- Hacking system by sending image file to targets machine (Payload binding).
- Crash targets website by performing DDoS attack.
- Creating powerful malwares and viruses to crash targets windows system.
- Clearing digital foot-prints after the attack to remove the digital evidences.

Module 12. Hacking Android Operating System.

- Hackingandroid deviceusing malware and take the fullaccessof targets phone.
- Hack android phone using a malicious QR code.
- Using different port forwarding techniques to perform android hacking over the WAN.
- Take full access of camera, microphone, call details, live screen monitoring.
- Hack androidover theout-sideofyour network (WAN Attack).

Module 13. Real-World Hacking Techniques.

- Perform advanced cardingtechniques using dark web market place.
- Pay unlimited payment using cracked PhonePe application.
- Creating multi-purpose viruses to destroy targets system.
- Download sensitive contents from dark web using surface web.
- Wi-Fi hacking by capturing handshake packets and creating fake access points.
- Spoof IPaddress andMAC address to bypassing firewalls andIDS.

Module 14. Anonymous Communication Methods.

- Communicate using multipleEnd-to-endencrypted secureplatforms.
- Large file sharing over the WAN using apache2 server anonymously.
- Communicate with anonymous hacker over the dark web securely.
- Self-destructive communication services.

Module 15. Location Tracking GPS, IP Address & Phone Number.

- Finding IP Address of cyber criminals.
- Get IP location and internet service provider details of targets device.
- Location tracking using targets phone number (paid services).
- Track exact location of your target using social engineering techniques. (GPS)
- Report writing to the ISP center to get the details about your targets IP Address.

Module 16. Securing Data With Cryptography and Steganography.

- Encrypt data usingdifferent cryptographic algorithm and tools.
- Encrypt or Hide confidential data into image, audio, video.
- Convert data extension unknow properties to secure the data from attackers.
- Secure your confidential messagesinside the image file.

Module 17. Real-life Case Studies About Cyber Crimes.

- The rise of ransomware.
- Data breaches and identity theft.
- Social engineering incybercrime.

Module 18. Projects Work.

- Project 01: Reverse engineering:Androidapplicationpenetration testing.
- Project 02: Vulnerability assessment : Professional Reporting
- Project 03: Network analyzingandpacketssniffing .

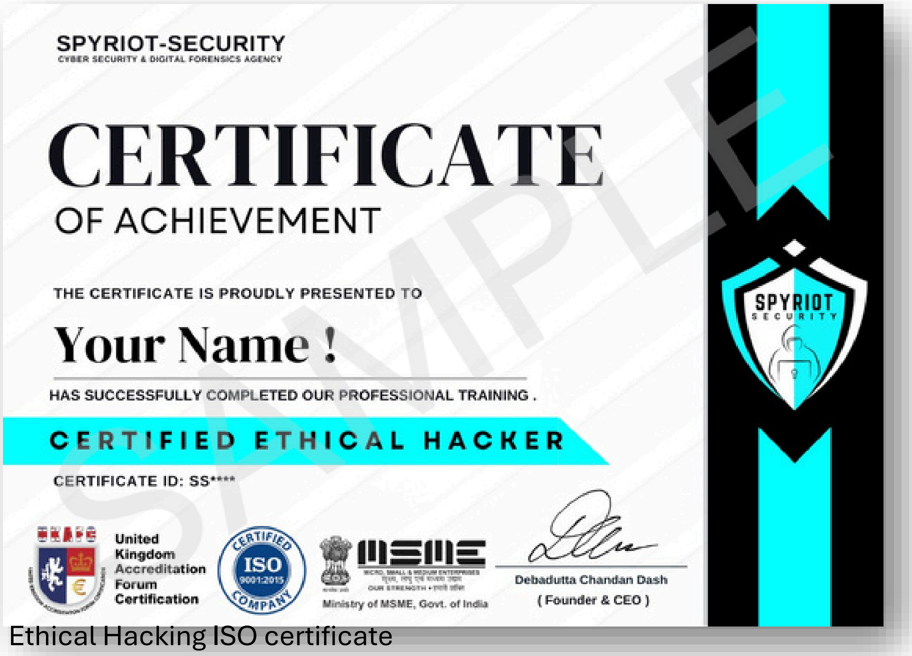
Module 19. Cyber Crime Prevention Techniques.

- Strong passwordgeneration techniques.
- Phishing and malicious link detection techniques.
- Malicious and virus file detection methods.
- Various cyber threatsdetectionmethods.

Module 20. Cybersecurity 45 Days Internship

Course by	Spyriot Security
Cyber Security Trainer Course	Debadutta Chandan Dash
Price Exam + International ISO Certification	₹ 3,999 (2 Time Installment Available)
Exam Fees	₹ 299 Only
Course Duration	1-Month
Class Timing	07:00 P.M

Certificate Sample



SPYRIOT-SECURITY
CYBER SECURITY & DIGITAL FORENSICS AGENCY

CERTIFICATE
OF ACHIEVEMENT

THE CERTIFICATE IS PROUDLY PRESENTED TO

Your Name !

HAS SUCCESSFULLY COMPLETED OUR PROFESSIONAL TRAINING .

CERTIFIED ETHICAL HACKER

CERTIFICATE ID: SS****

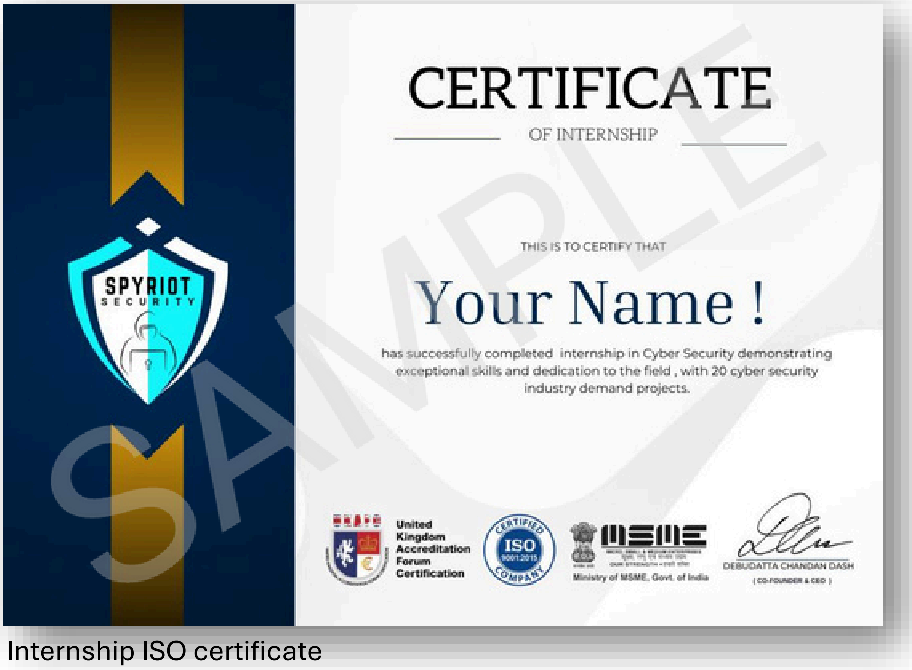
United Kingdom Accreditation Forum Certification

CERTIFIED ISO 9001:2015 COMPANY

MSME
Ministry of MSME, Govt. of India

Debadutta Chandan Dash
(Founder & CEO)

Ethical Hacking ISO certificate



CERTIFICATE
OF INTERNSHIP

THIS IS TO CERTIFY THAT

Your Name !

has successfully completed internship in Cyber Security demonstrating exceptional skills and dedication to the field , with 20 cyber security industry demand projects.

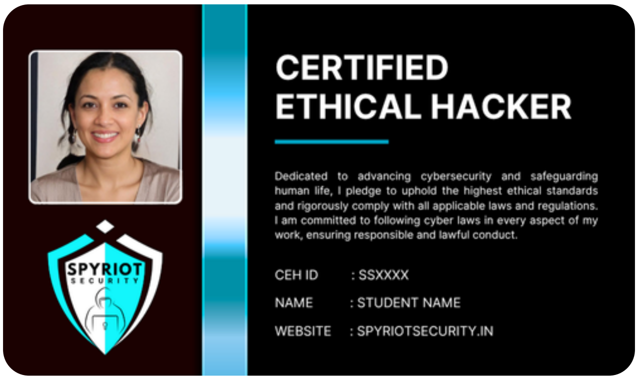
United Kingdom Accreditation Forum Certification

CERTIFIED ISO 9001:2015 COMPANY

MSME
Ministry of MSME, Govt. of India

DEBUDATTA CHANDAN DASH
(CO-FOUNDER & CEO)

Internship ISO certificate



CERTIFIED
ETHICAL HACKER

Dedicated to advancing cybersecurity and safeguarding human life, I pledge to uphold the highest ethical standards and rigorously comply with all applicable laws and regulations. I am committed to following cyber laws in every aspect of my work, ensuring responsible and lawful conduct.

CEH ID : SSXXXX
NAME : STUDENT NAME
WEBSITE : SPYRIOTSECURITY.IN

Hacker’s I’D Card