

Cyber Security & Ethical Hacking

Modules, Details & Fees

Total Modules- 30 (Highest in Industry)
Duration- 6 Months
Full Course Fees- 65,000/- (Pay in Installments also)


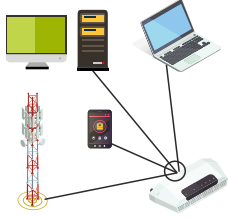




Batches Options	Regular Batches	Mon - Fri
	Alternate Batches	3 Days a Week
	Weekend Batches	Saturday & Sunday
	Sundays Bahches	Only Sunday
Online Classes Also Available		

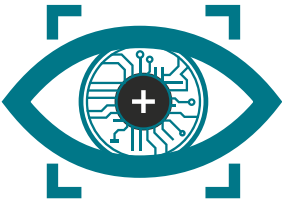




10 Reasons you Should Join DICC


1. Hands-on experience
2. Certified Trainer
3. Modules Covered: 30 - 2021 Updated
4. In-depth Training
5. Latest Software Toolkits + Study Material
6. Flexible Timings
7. 100% Placement Support
8. Free demo Class available
9. Future Support for Students


10. DICC Institute Certification


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02	Networking Concepts	→	
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17	Phishing	→	
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27	Firewalls, and Honeypots	→	
28	(CTF) Penetration Testing	→	
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30	Live Project Work	→	

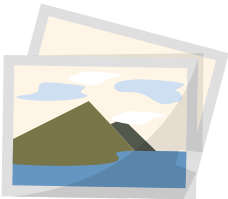
 <p>Introduction to Hacking</p>	<ul style="list-style-type: none"> • Important Terminology • Ethical Hacking vs. Hacking • Effects of Hacking on Business • Why Ethical Hacking Is Necessary • Skills of an Ethical Hacker • What Is Penetration Testing?
 <p>Networking Concepts</p>	<ul style="list-style-type: none"> • Various types of network topologies • Dissimilar type of Network Devices • Protocols & Port numbers • IP Addressing and its classes • VPN Network, DHCP Server • DNS Server, OSI Model • Server Configuration
 <p>Virtualization (Lab Setup)</p>	<ul style="list-style-type: none"> • Windows, Linux OS for Usage & Test • Setting up Vulnerable Machines • Create Network in VMs • Share Data in Network • Android Lab Virtualization • Problem Handling • Various types of Virtualization Programs
 <p>Kali Linux</p>	<ul style="list-style-type: none"> • Kali Linux Vs Other Pen Testing OS • Installation and setup of Kali Linux • System Architecture of Kali Linux • Network Configuration of Kali Linux • Essential Commands of Kali Linux
 <p>CyberLaws</p>	<ul style="list-style-type: none"> • Introduction to Cyber laws • What is IT Act 2000 • Types of Cyber crimes • Evolution of Cyber Law in India
 <p>Reconnaissance</p>	<ul style="list-style-type: none"> • Gathering Information • IP Mapping and Tracing IP address • Active and Passive Methods • Detecting Web Server and there Location • Find Login Pages, eMail Login, Cpanel, Admin • Hacking Using Google and other Search Engines

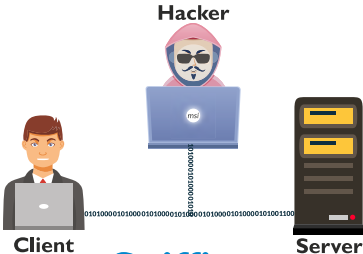
 <p>Scanning</p>	<ul style="list-style-type: none"> • Detection of Alive IP Addresses • Port scanning techniques • Advance Trace route • Discovering with SYN,ACK, UDP,ICMP,ARP • ARP (MAC Address scanning) • Packet Crafting • Aggressive detection
 <p>Enumeration</p>	<ul style="list-style-type: none"> • Extract User Names Using Email Ids • Extracting Information Using the Default Passwords • Brute Force Active Directory • Extract Username Using SNMP • Extract Information Using DNS Zone Transfer • Running services Detaction
 <p>Anonymity</p>	<ul style="list-style-type: none"> • How hackers hide their identity • Working with Proxy Server & Configuration • Types HTTP,HTTPS, SOCK Protocols • OpenVPN Client & Server Setup • Proxy Chains & RELAYING the Traffic • Understanding of TOR & Deepweb Network • Anonymous Browsers
 <p>Vulnerability Assessment</p>	<ul style="list-style-type: none"> • Types of vulnerability assessments • Network-based scans • Host-based scans • Wireless network scans • Application scans • Database scans
 <p>System Hacking</p>	<ul style="list-style-type: none"> • OS Authentication Architecture • OS Hash BruteForcing • OS Password Cracking • Windows Login Bypass • OSX Login Bypass • BadUSB Attacks


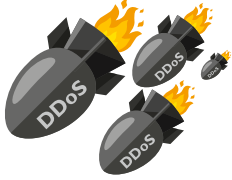


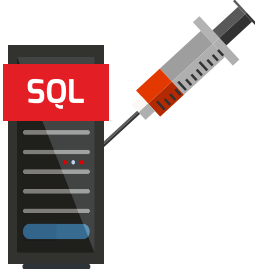

 <p>Mobile Hacking</p>	<ul style="list-style-type: none"> • Hacking Android OS • Android Rooting Tools • Hacking Networks Using Network Spoofer • Android-based Sniffers • Mobile Spyware • Android Trojans • Securing Android Devices • Mobile Pen Testing Toolkit
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 <p>Virus and Worms</p>	<ul style="list-style-type: none"> • Types of Viruses and Worms • Creation of Viruses and Worms • Ransomware Analysis • Detection of Viruses and Worms • Recover from Ransomware Attack
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 <p>Trojans & Payloads</p>	<ul style="list-style-type: none"> • Making of Trojan(RAT) • Embed Trojan Word/Excel Macro- Files • Non-Macro Office Files - DDE • Shellcode vs DLLs • Migrating Processes • Bypass AV and Network Detection • Hidden Encrypted Payloads
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 <p>Steganography</p>	<ul style="list-style-type: none"> • How Steganography Works • Types Of Steganography • Steganography In Image • Steganography In Audio • Steganography In Video • Online challenge • Countermeasures and detection
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 <p>Sniffing Spoofing</p>	<ul style="list-style-type: none"> • Introduction to Network Sniffing • Man in the Middle Attacks • MAC spoofing & Flooding • ARP Poisoning • Rogue DHCP • SSL Stripping • DNS Spoofing
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 <p>Phishing</p>	<ul style="list-style-type: none"> • Social Engineering • Desktop Phishing • Spear Phishing • SEToolKit • Punycode url
 <p>Denial-of-Service</p>	<ul style="list-style-type: none"> • How DoS Attack Works • Indications of DoS Attacks • DoS Attack Techniques • Tools for DDoS Attacks • Detection of Attacks
 <p>Session Hijacking</p>	<ul style="list-style-type: none"> • Session Hijacking Concepts • Key Session Hijacking Techniques • Session Hijacking Process • Packet Analysis of a Local Session Hijack • Session Hijacking Tools
 <p>Hacking Web Servers</p>	<ul style="list-style-type: none"> • Webserver Concepts • Website Defacement • Webserver Attacks • Attack Methodology • Webserver Attack Tools
 <p>SQL Injection</p>	<ul style="list-style-type: none"> • Introduction to SQL Database • Types of SQL Injections • Authentication Bypass Injection • Blind Injections • Error Based Injection • Union Based Injection • Stacked Query Injection • Time Based Injection
 <p>(XSS) Cross Site Scripting</p>	<ul style="list-style-type: none"> • How XSS Attacks Work • XSS Attack via Email • Stealing Cookies via XSS • XSS Attack in Comment Field • Blog Post via XSS Attack • CSRF Attacks


 <p>Wi-Fi Hacking</p>	<ul style="list-style-type: none"> • Wi-Fi Technical Details • Types of Encryptions • MAC Spoofing • Attacks on WEP, WPA, WPA2 • Forged Authentication Attack • Replay Attack • De-Synchronization Attack • Evil Twin and Fake AP Attack
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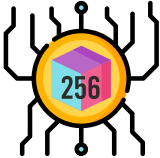
 <p>Bug Bounty Process</p>	<ul style="list-style-type: none"> • Pick a program • Find a target via recon • Hit the target and find a vulnerability • Write the report • Get paid
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 <p>IoT Hacking</p>	<ul style="list-style-type: none"> • IoT Concepts • IoT Attacks • IoT Hacking Methodology • IoT Hacking Tools
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 <p>Cloud Computing</p>	<ul style="list-style-type: none"> • Cloud Computing Concepts • Cloud Computing Threats • Cloud Security • Cloud Security Tools
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 <p>Firewalls, and Honeypots</p>	<ul style="list-style-type: none"> • Introduction to Firewalls • Network Firewalls • Web Application Firewalls • Weakness in Firewalls • Honey Pots and Security Misconfiguration
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 <p>Catch the flag (CTF)</p>	<ul style="list-style-type: none"> • What is capture the flag hacking? • CTF Preparedness • Types of Events • Types of Challenges • How To Participate in a CTF Event? • Examples • How Can I Learn More About CTF?
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 <p>Cryptography</p>	<ul style="list-style-type: none"> • Introduction to Cryptography • Key terms • Symmetric cryptography: • Asymmetric cryptography/Public key cryptography • Hash Algorithms
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 <p>Live Project Work (PenTest)</p>	<ul style="list-style-type: none"> • Need of Penetration Testing? • Types of Pen Testing • Pen Testing Techniques • Security Audit • Vulnerability Assessment • Black Box Pen Testing • Gray Box Pen Testing
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<p>SOME TOOLS we use</p>			
			
			
			
			
			
			
			
			
<p>and many more...</p>			