



2 DAYS WORKSHOP ON ETHICAL HACKING

BY TECH BOOSTER

JOIN NOW AND TAKE A STEP TOWARDS YOUR DREAM CAREER

DURATION: 14 HOURS (2 DAYS)



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www.techbooster.co.in

Session 1: The Secret World of Hackers (Interactive Opening)

◆ Ice Breaker Activity

Live demo: How weak passwords get cracked (simulation)

◆ Cybersecurity Basics

Why cybersecurity is the **most demanded skill in 2026**

Real cyber attack stories (banking, gaming, social media)

◆ Types of Hackers

◆ Ethical vs Illegal Hacking

Permission & Scope

Responsible Disclosure

Legal risks

Session 2: Phases of Ethical Hacking (Hands-on Concept)

Session 3: System Hacking Basics (Safe & Controlled Learning)

◆ How Systems Get Compromised

Weak passwords

Unpatched software

Misconfigured services

◆ Malware Awareness

Trojan, Worm, Ransomware, Spyware, Keylogger

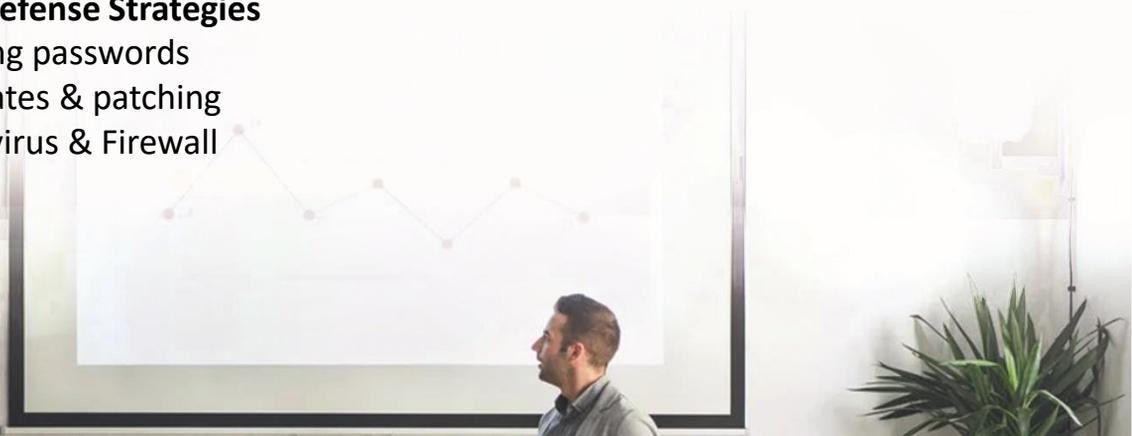
◆ Privilege Escalation (Concept + Simulation)

◆ Defense Strategies

Strong passwords

Updates & patching

Antivirus & Firewall





DAY 2 – Website & Network Security + Live Simulations

Session 4: Website Hacking & Security

◆ How Websites Actually Work

Frontend vs Backend

Client vs Server

HTTP vs HTTPS

◆ Common Web Vulnerabilities

SQL Injection (Concept Demo), XSS

Weak Login Panels

File Upload Exploits

Broken Authentication

◆ Authentication Attacks

Default passwords

Brute force concept

Session hijacking (explained safely)

◆ Defense Mechanisms

Input validation and Prepared statements

HTTPS

Strong authentication and 2FA

Live Activity:

Students test a deliberately vulnerable demo website (safe lab)

Session 5: Network Hacking & WiFi Security

◆ Networking Basics (Quick Recap)

IP address

Ports

Protocols (HTTP, FTP, SSH)

◆ Network Attacks Overview

Man-in-the-Middle

Packet sniffing (concept)

ARP spoofing (explained simply)

◆ WiFi Security

Open vs WPA vs WPA2

Evil Twin attack

Public WiFi dangers

Demo:

How attackers trick users on public WiFi (simulation only)

Session 6: Social Engineering Masterclass

◆ Phishing emails

◆ Fake websites

◆ Phone scams

◆ USB drop attack

Activity:

Students create a fake phishing scenario and others detect red flags.

