



# ETHICAL HACKING & CYBER SECURITY COURSE

# Career in Ethical Hacking & Cyber Security



## Why Build a Career in Ethical Hacking and Cybersecurity?



### Demand is So High For Cybersecurity Pros

There are 3.5 million unfilled cybersecurity jobs globally. There is a shortage of talent and this market has 0% unemployment.



### 8+ Job Roles & Career Paths

Opportunity to work in almost every industry and across various roles like Security Admin, Cybersecurity Analyst, Security Consultant, and 5+ more roles.



### 5.1 Lakh Per Annum Average Salary

The average salary of a Certified Ethical Hacker in India is INR 5.10 LPA. In top countries, it is more than \$50,920.



### Guaranteed Growth in Job and Career

By acquiring the right skills, you can be on your way to building a fast-growing career in the field of cybersecurity.



### Work Remotely for International Companies

Numerous brands and organizations around the world hire ethical hacking professionals for remote work and offer a lucrative package.



### Opportunities in Both Public & Private Sectors

As a cybersecurity professional, you have the opportunities to work in both public and private sector organizations of all sizes.

# Who Can Learn Ethical Hacking?

Learning Ethical Hacking becomes easier for you with proper guidance & advanced projects by Ansh InfoTech's cybersecurity expert trainers. You can acquire this skill if you are:



## College Student

Start shaping your career right from college time by learning in demand ethical hacking & cyber security skills.



## Graduate

Time for you to upskill, prepare yourself for a bright future, and kickstart a career in ethical hacking & cyber security.



## College Dropout

Not sure which career is right for you? Not finding any jobs? Learn ethical hacking & cyber security with us to instantly land your first job.



## Looking to Switch Career

Not satisfied with your current job profile? Switch to ethical hacking & cyber security, one of the most demanded and highly-paid skills.

# A Brief About Ansh InfoTech

## India's Most Trusted IT Training Company

Ansh InfoTech is a leading IT training and software development company based in Ludhiana, Punjab, India. Since 2014, Ansh InfoTech has trained over 1.5k students and provided internship opportunities to over 4,500 candidates.

Additionally, Ansh InfoTech is one of the fastest growing tech-enabled company in Ludhiana.

With its expert team of trainers in various technical fields like Ethical Hacking, Web Development, Data Science, Digital Marketing, and many more. Company has helped thousands of students from India and other Asian countries acquire new skills and explore high-paying career opportunities.

Our learners work for top brands, companies and unicorns across India and around the world.



# Why Learn **Ethical** **Hacking** **& Cyber** **Security** **With** **ANSH** **InfoTech** Only?

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## Trusted by **1.5K** Learners

We are the #1 preference of more than 15 lakh learners in India and Asian countries. Our training quality and support system intrigue learners.



## Completely **Practical-Oriented**

Ethical Hacking is a skill that requires immense practice. For that, we offer 100% practical training with regular assignments, assessments, and projects.



## Online and Offline Batches

Ethical Hacking is a skill that requires immense practice. For that, we offer 100% practical training with regular assignments, assessments, and projects.



## Comprehensive Curriculum

The ethical hacking course by Ansh InfoTech includes India's most comprehensive curriculum, covering all breadths and depths in detail & practically.



## Job Assistance

On course completion, we assist you with job interviews and resume building. Next, your interviews are arranged with top companies to help you land the job easily.



## Expert Trainers

You will learn ethical hacking from expert trainers having 10+ years of experience in the field. We ensure high-quality training always.



## Industry-Recognized Certification

The certificate you receive on course completion is valid nationally and internationally. You can easily share it, add it to your resume, and explore great opportunities.



## Hands-On Live Projects

You will apply all the practices on real websites (no dummies), do everything on your own, and make use of premium tools.



# **Ethical Hacking & Cyber Security Course Curriculum**

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# Master all Concepts of Ethical Hacking!

## Module 01

### INTRODUCTION TO ETHICAL HACKING

- Overview of ethical hacking and its importance
- Differentiating ethical hacking from malicious hacking
- Understanding the legal and ethical aspects of ethical hacking
- Introduction to hacking methodologies (reconnaissance, scanning, exploitation, post-exploitation)

## Module 02

### INFORMATION GATHERING AND VULNERABILITY ASSESSMENT

- Passive and active information gathering techniques.
- Open-source intelligence (OSINT) and reconnaissance
- Vulnerability scanning and assessment tools (e.g., Nmap, Nessus)
- Analyzing and interpreting vulnerability scan results

## Module 03

### EXPLOITATION AND PENETRATION TESTING

- Understanding common exploitation techniques
- Exploiting vulnerabilities in web applications and network services

- Post-exploitation activities and privilege escalation
- Introduction to penetration testing methodologies (black-box, gray-box, white-box testing)

## Module 04

### WIRELESS HACKING

- Wireless network fundamentals and security protocols (WEP, WPA, WPA2)
- Wireless network reconnaissance and cracking techniques
- Wireless network exploitation and attack scenarios
- Securing wireless networks and mitigating wireless attacks

## Module 05

### MAN-IN-THE-MIDDLE (MITM) ATTACKS

- Understanding MITM attacks and their implications
- ARP spoofing and DNS spoofing
- SSL/TLS interception and certificate spoofing
- MITM attack detection and prevention techniques

# Course Curriculum

## Module 06

### DENIAL OF SERVICE (DoS) AND DISTRIBUTED DENIAL OF SERVICE (DDoS) ATTACKS

- Introduction to DoS and DDoS attacks
- DoS attack techniques (e.g., ICMP flood, SYN flood)
- DDoS attack vectors and amplification techniques
- Mitigation and defense against DoS and DDoS attacks

## Module 07

### REVERSE ENGINEERING AND REMOTE CODE EXECUTION

- Introduction to reverse engineering concepts
- Practical approach of RE/RCE

## Module 08

### NETWORK SECURITY

- Network architecture and design principles with a security focus
- Network security devices and technologies (firewalls, IDS/IPS)
- Firewall Setup and configuration
- Secure Application Development
- Secure coding principles and best practices
- Common web application vulnerabilities (e.g., SQL injection, XSS)
- Secure software development life cycle (SDLC)

- Application security testing techniques (e.g., static analysis, dynamic scanning)
- Data Protection and Encryption
- Data classification and handling procedures
- Encryption algorithms and protocols (e.g., AES, SSL/TLS)
- Secure key management and distribution
- Data loss prevention (DLP) and data leakage prevention techniques

## Module 09

### SECURITY IMPLEMENTATIONS AND BEST PRACTICES

- Security configurations and hardening techniques for various systems (e.g., operating systems, databases)
- Secure network protocols and secure remote access methods
- Implementing secure coding practices in software development
- Security awareness training and promoting a security culture in organizations



# Job/Placement Assistance

Once you complete the Ethical Hacking Course, you will get advanced placement assistance to help you prepare for the job. We will evaluate your skills, prepare you for the interview, and arrange interviews with top companies.

- **Interview Preparation and Live Practice**
- **Appealing Resume Building**
- **Conducting Interviews at Various Companies**
- **Internship Opportunities**
- **Getting High-Paying Freelance Projects**

Students We've Trained Work at Renowned Companies, Startups, and Brands



# Our Students Speak for Us!



**Navdeep  
Khurmi**

"I did not have knowledge of hacking & penetration testing before enrolling in this course. However, everything was taught from scratch. Initially, I thought I can't do this. But the way of teaching and content is really simple and great!"



**Surmeet  
Singh**

I recently completed a penetration testing training course in Ansh InfoTech, and I am thoroughly impressed. The instructors were highly skilled. The hands-on labs and real-world scenarios allowed me to gain valuable experience.



**Divjot  
Singh**

"This is simply the best ethical hacking course. Rishav sir did a great job and put his heart into teaching all concepts of the course. Whenever I had doubts, he was eager to answer and helped me learn easily. Highly recommended."



**Disha  
Kukreja**

"The trainer here makes the content easy to learn and answers all the questions during the classes. I learned a lot of important concepts which looked so complex to me when I started. I recommend this course to anyone who wants to learn ethical hacking."



**Vijay  
Rajput**

"The trainer here makes the content easy to learn and answers all the questions during the classes. I learned a lot of important concepts which looked so complex to me when I started. I recommend this course to anyone who wants to learn any course in Ansh InfoTech."



**Ramandeep  
Singh**

"I would like to thank the trainer and Ansh InfoTech for the enhanced training provided during the entire course. The trainer has brilliant knowledge. The course content covers beginner to pro. Also, sir is a good motivator and friendly person."

# Events & Workshops

## at ANSH InfoTech



## WORKSHOPS





# Take Your Career's Most Important Step Today

Towards Building a Thriving Career in **Ethical Hacking & Cyber Security!**

■ **Course Duration:** 6 weeks

**Call Now for more info : +91 94171-68347 / +91 8427-8 99400**

## Contacts Us:

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