



ETHICAL HACKING COURSE

ANSH InfoTech Affiliation with Skill India



Skill India

कौशल भारत - कुशल भारत

Career in Ethical Hacking



Why Build a Career in Ethical Hacking ?



Demand is So High
For Ethical Hacking
Pros

There are 3.5 million unfilled Ethical hacking 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 ethical hacking.



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 certified Ethical hacker, 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 Ethical Hacking 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 skills.



Graduate

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



College Dropout

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



Looking to Switch Career

Not satisfied with your current job profile? Switch to ethical hacking, 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 50k 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
With
ANSH
InfoTech**
Only?





Trusted by **50K Learners**

We are the #1 preference of more than 50k 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

Course Curriculum

Master all Concepts of **Ethical Hacking!**

Introduction to Ethical Hacking

- Information Security Overview
- Information Security Threats and Attack Vectors
- Hacking Concepts
- Ethical Hacking Concepts
- Information Security Controls

Footprinting and Reconnaissance

- Penetration Testing Concepts
- Information Security Laws and Standards
- Footprinting Concepts
- Footprinting through Search Engines
- Footprinting through Web Services
- Footprinting through Social Networking Sites
- Website Footprinting
- Email Footprinting
- Competitive Intelligence
- Who is Footprinting
- DNS Footprinting
- Network Footprinting
- Footprinting Through Social Engineering
- Footprinting Tools
- Footprinting Countermeasures
- Footprinting Penetration Testing

Scanning Networks

- Network Scanning Concepts
- Scanning Tools
- Scanning Techniques
- Scanning Beyond IDS and Firewall
- Banner Grabbing
- Draw Network Diagrams
- Scanning Pen Testing

Enumeration

- Enumeration Concepts
- NetBIOS Enumeration
- SANP Enumeration
- LDP Enumeration
- SMTP and DNS Enumeration
- Other Enumeration Techniques
- Enumeration Countermeasures
- Enumeration Pen Testing

Vulnerability Analysis

- Vulnerability Assessment Concepts
- Vulnerability Assessment Solutions
- Vulnerability Scoring Systems
- Vulnerability Assessment Tools
- Vulnerability Assessment Reports



Course Curriculum

System Hacking

- System Hacking Concepts
- Cracking Passwords
- Escalating Privileges
- Executing Applications
- Hiding Files
- Covering Tracks
- Penetration Testing

Malware Threats

- Malware Concepts
- Trojan Concepts
- Virus and Worm Concepts
- Malware Analysis
- Countermeasures
- Anti-Malware Software
- Malware Penetration testing

Sniffing

- Sniffing Concepts
- Sniffing Technique: MAC Attacks
- Sniffing Technique: DHCP Attacks
- Sniffing Technique: ARP Poisoning
- Sniffing Technique: Spoofing Attacks
- Sniffing Technique: DNS Poisoning
- Sniffing Tools
- Countermeasures
- Sniffing Detection Techniques
- Sniffing Pen Testing

Social Engineering

- Social Engineering Concepts
- Social Engineering Techniques
- Insider Threats
- Impersonation on Social Networking Sites
- Identity Theft
- Countermeasures
- Social Engineering Pen Testing

Denial-of-Service

- DoS/DDos Concepts
- DoS/DDos Attack Techniques
- Botnets
- DDoS Case Study
- DoS/DDos Attack Tools
- Countermeasures
- DoS/DDos Protection Tools
- DoS/DDos Penetration Testing

Session Hijacking

- Session Hijacking Concepts
- Application Level Session Hijacking
- Network Level Session Hijacking
- Session Hijacking Tools
- Countermeasures
- Penetration Testing



Course Curriculum

Evading IDS, Firewalls, and Honeypots

- IDS, Firewall and Honeypot Concepts
- IDS, Firewall and Honeypot Solutions
- Evading IDS
- Evading Firewalls
- IDS/Firewall Evading Tools
- Detecting Honeypots
- IDS/Firewall Evasion Countermeasures
- Penetration Testing

Hacking Web Servers

- Web Server Concepts
- Web Server Attacks
- Web Server Attacks Methodology
- Web Server Attack Tools
- Countermeasures
- Patch Management
- Web Server Security Tools
- Web Server Pen Testing

Hacking Web Applications

- Web App Concepts
- Web App Threats
- Hacking Methodology
- Web App Hacking Tools
- Countermeasures
- Web App Security Testing Tools
- Web App Pen Testing

SQL Injection

- SQL Injection Concepts
- Types of SQL Injection
- SQL Injection Methodology
- SQL Injection Tools
- Evasion Techniques
- Countermeasures

Hacking Wireless Networks

- Wireless Concepts
- Wireless Encryption
- Wireless Threats
- Wireless Hacking Methodology
- Wireless Hacking Tools
- Bluetooth Hacking
- Countermeasures
- Wireless Security Tools
- Wireless Pen Testing

Hacking Mobile Platforms

- Mobile Platform Attack Vectors
- Hacking Android OS
- Hacking iOS
- Mobile Spyware
- Mobile Device Management
- Mobile Security Guidelines and Tools
- Mobile Pen Testing



Course Curriculum

IoT Hacking

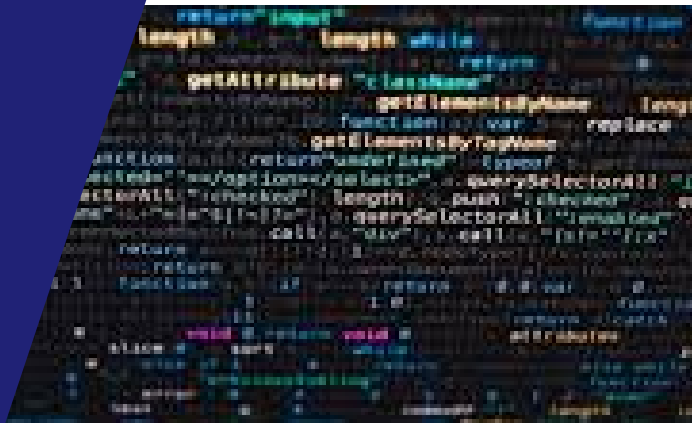
- IoT Concepts
- IoT Attacks
- IoT Hacking Methodology
- IoT Hacking Tools
- Countermeasures
- IoT Pen Testing

Cloud Computing

- Cloud Computing Concepts
- Cloud Computing Threats
- Cloud Computing Attacks
- Cloud Security
- Cloud Security Tools
- Cloud Penetration Testing

Cryptography

- Cryptography Concepts
- Encryption Algorithms
- Cryptography Tools
- Public Key Infrastructure (PKI)
- Email Encryption
- Disk Encryption
- Cryptanalysis
- Countermeasures



Mode of LEARNING



CLASSROOM
+



ONLINE

AIT has a CLASSROOM + ONLINE training pattern where students have the flexibility to attend the sessions IN CLASSROOM as well as ONLINE. AIT Trainers conduct the training sessions live from AIT Classrooms. All AIT sessions are live streamed for students from that batch, thus enabling students to attend the same sessions ONLINE and interact with the Trainer as well as other students.

Skill-Sets Covered



VULNERABILITY ANALYSIS



**RECONNAISSANCE AND
INFORMATION GATHERING**



WEB APPLICATION SECURITY



PENETRATION TESTING

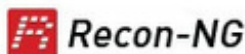


NETWORK SECURITY



IDS, FIREWALLS, AND HONEYPOTS

Tools & Technologies



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

make  trip

 thrillophilia

accenture

Tech
Mahindra

Capgemini 

 cognizant

IBM

wipro 

tcs TATA
CONSULTANCY
SERVICES



Infosys

HCL

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."

CERTIFICATE OF ANSH INFOTECH AFFILIATION WITH SKILL INDIA



Certificate of Affiliation



Skill India

कौशल भारत - कुशल भारत

This is to certify that

ANSH INFOTECH (16217)

is an **Authorised Training Center** of
National Skill Qualification Framework (NSQF)



Scan Barcode with your Mobile Phone
or App for verification of the Certificate

Date of Issue : 10 September, 2023

Valid Upto: 09 September, 2025

Signing Authority

An Approved Training Partner of
National Skill Qualification Framework

STUDENT CERTIFICATE



CERTIFICATE

This is to certify that
ARADHYA MALHOTRA
Son/ Daughter of **JATINDER KUMAR** Candidate ID : **CAN_26645166**
has successfully completed training in
"DIPLOMA IN DATA ANALYTICS AND MACHINE LEARNING" Course
conforming to National Skill Qualification Framework-**Level 5**
with Grade **A**
from **ANSH INFOTECH**
at **LUDHIANA, PUNJAB**
Date of Issuance : 2023-10-20



Scan Barcode with your Mobile Phone
or App for verification of the Certificate


Signing Authority
An Approved Training Partner of
National Skill Qualification Framework

Events & Workshops

at ANSH InfoTech



WORKSHOPS







PLACEMENT DRIVE AT ANSH InfoTech



AWARDING STAR PERFORMERS






Take Your Career's Most Important Step Today


Towards Building a Thriving Career in **Ethical Hacking** !


■ **Course Duration:** 2 Months


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

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