★ AI-INTEGRATED COURSE

NXT CERTIFIED ETHICAL HACKING PROFESSIONAL

Launch your career as a Cybersecurity Expert today!

Duration: 3 Month | **Certificate** · Advanced | **Eligibility:** Basic understanding of networking and computer systems is re

OVERVIEW OF THE COURSE

Join the NxT Certified Ethical Hacking Professional course to dive deep into the world of cybersecurity. Over a duration of 3 months, you will learn the tools and techniques used by ethical hackers to protect organizations from cyber threats. Understand the fundamentals of ethical hacking and cybersecurity. Gain hands-on experie...

- Hands-on ethical hacking experience
- Learn from industry experts
- Capstone project for real-world skills
- Deep dive into cybersecurity frameworks
- Explore advanced security measures



3 Month	7	4	10
DURATION	SUBJECTS	PROJECTS	TOOLS

JOIN NOW →

WhatsApp us

WE ARE AVAILABLE AT
600+ LOCATIONS

NOT SURE WHICH COURSE IS RIGHT FOR YOU?
Choose the Best Course for You - Try our AI-Powered Career Counselling for FREE

Start free →

YOUR NEAREST ISDM NxT CENTRE
V tech Academy
VTECH ACADEMY, FATHIMA TOWER, NARIKKALMUKKU, KALLAMBALAM ROAD, PALACHIRA P.O, VARKALA, TRIVANDRM DISTRICT, KERALA , 695143, Thiruvananthapuram, Kerala - 695143
Call / WhatsApp: **9567444361** · info@vtechbs.com

Scan to enquire

COURSE CURRICULUM

What you will learn

01 Subjects → | 02 Projects → | 03 Tools → | 04 AI Integration

01 Subjects & modules

6 subjects with the topics you will learn

01 Introduction to Ethical Hacking & Cybersecurity Fundamentals

- Cybersecurity Threats, Risks, And Attacks
- Cyberattack Prevention And Security Practices
- Ethical Hacking Methods And Tools
- Ethical Hacking Careers And Certifications
- Cybersecurity Laws And Compliance Standards
- Penetration Testing Lab Setup
- Virtual Machines And Kali Linux

02 Scanning, Enumeration & Exploitation Basics

- Network Scanning With Nmap And Netcat
- OS Fingerprinting And Banner Grabbing
- Service Enumeration And Vulnerability Identification
- Initial Access And Exploitation Techniques
- Metasploit Framework And Post-Exploitation
- Network Security And Exploit Defenses
- Hands-On Scanning And Vulnerability Assessment

03 System Hacking & Privilege Escalation

- Password Cracking Fundamentals
- Hashing And Password Storage
- Password Cracking Techniques
- John The Ripper And Hashcat
- Password Security Defenses
- Privilege Escalation Types
- Windows And Linux Exploitation

04 Web Application Security & Exploitation

- OWASP Top 10 Vulnerabilities
- SQL Injection And Cross-Site Scripting
- CSRF And Broken Authentication
- Burp Suite And ZAP Proxy Testing
- Web Application Security Practices
- Hands-On Vulnerability Exploitation

05 Wireless, IoT & Cloud Security

- Wireless Security Protocols And Attacks
- MITM And Packet Sniffing Attacks
- IoT Vulnerabilities And Attack Techniques
- IoT Security Auditing And Hardening
- Cloud Security Models And Threats
- Cloud Security Controls And Best Practices
- Cloud Penetration Testing Methodology

06 Advanced Topics & Capstone Project

- Social Engineering And Phishing Attacks
- Malware Analysis And Reverse Engineering
- Incident Response And Digital Forensics
- Bug Bounty And Responsible Disclosure
- Ethical Hacking Engagement Methodology
- Penetration Testing Tools And Techniques
- Penetration Testing Reporting And Remediation

02 Projects & assignments

Hands-on work for your portfolio

P1 Conduct a penetration test on a simulated network.

P2 Create a security assessment report for a fictional organization.

P3 Develop and present a case study on a recent cyber attack.

P4 Design a security policy for a small business.

03 Tools & software you will master

4 industry tools

- Kali Linux
- Metasploit
- Burp Suite
- Wireshark

04 AI Integration

How AI is used inside the work of this course

AI SUBJECT

AI Fundamentals & Prompt Engineering

- AI Basics and Everyday Uses
- Generative AI: How It Works
- Prompt Engineering Foundations
- AI for Study and Workplace Tasks
- Fact-Checking and Reliable Research
- Privacy, Safety and Responsible Use
- Integrated Practice and Review

AI TOOLS YOU WILL USE

- CH ChatGPT
- Google Gemini
- MC Microsoft Copilot
- Claude
- Perplexity
- NotebookLM

CAREER OPPORTUNITIES

Where this course can take you

Ethical Hacker
Fresher salary: ₹3.0-5.0 LPA*

Penetration Tester
Fresher salary: ₹3.5-6.0 LPA*

Security Consultant
Fresher salary: ₹4.0-7.0 LPA*

Cybersecurity Analyst
Fresher salary: ₹3.2-5.5 LPA*

Network Security Engineer
Fresher salary: ₹3.0-5.0 LPA*

Freelancing & own business

- Offering penetration testing services
- Consulting on cybersecurity policies
- Developing security training programs
- Freelance vulnerability assessments

Industries that hire

- Information Technology
- Finance and Banking
- E-commerce
- Telecommunications
- Government Agencies

Grow further

- Advanced Cybersecurity Certification
- Certified Information Systems Security Professional (CISSP)
- Cloud Security Certification
- Network Security Professional Course

Certification

Upon successful completion, receive the NxT Certified Ethical Hacking Professional certificate from ISDM NxT.

Practical AI-integrated project **Final online test** **Verifiable certificate**

JOB SUPPORT

How we help you get a job

1 Resume building workshops

2 Mock interview sessions

3 Job offer notifications

4 Job application guidance

* Typical fresher salary ranges in India; the actual salary depends on the employer, the city and your skills.

WHY START NOW

Your future is built by the skills you learn today.

Companies hire people who can do the work. People who use AI well at work are in demand - this course teaches you the job skills and the AI tools together. Every month you practise adds a project to your portfolio - the best time to start is now.

18+	600+	2,708+	390+
Years of training experience	Centres across India	Job offers to our students	Hiring companies

UNIQUE FEATURES AT ISDM NxT

- ✓ Free pre-counselling to choose the right course
- ✓ Study material, attendance, assignments, exams and results online from day one
- ✓ 24x7 AI trainer (ChatNxT) for your doubts
- ✓ Experienced, rated trainers and daily class feedback
- ✓ Practical lab sessions and live projects
- ✓ Monthly online mentorship sessions
- ✓ Resume, mock interviews and job offers in your student dashboard
- ✓ Freelancing and start-up guidance

● LIVE PLACEMENT DATA

Latest job offers to ISDM NxT students

Updated 20 Nov 2026



Gaurav M.
India
Java Software Development Engineer
Health Catalyst



Geeta K.
New Delhi
tellecaller for digital marketing
balajimarketingexperts



Anand S.
Muvattupuzha
Hiring Junior Account Executive J...
CorpZop



Adarsh S.
Ghugus
TGT Computer Science
Adani Foundation



Priyanka Y.
Mumbai
Data Entry Operator (Full-time) -...
CorpZop



Rajan S.
Ahilyanagar
Computer Trainer
Enlearning skill development Ltd

Job offers shared with our students through the ISDM NxT job network. See all at isdmnext.in/latest-placement

LIMITED SEATS · VALID TILL 30 NOV 2026

FREE Ambassador Affiliate Programme

Complete your admission within **10 days** and join the ISDM NxT Ambassador Affiliate Programme free of cost: refer friends, earn referral rewards as per the programme and get featured on the ambassador leaderboard.

CLAIM NOW

TAKE THE FIRST STEP

Book your FREE counselling session today

Meet our counsellor, see the lab, get your doubts answered and know the current fees and offers for your centre.

YOUR ISDM NxT CENTRE

V tech Academy

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Scan for course details & enquiry

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Choose the Best Course for You

Try our AI-Powered Career Counselling for FREE - answer a few questions and get the courses that fit your interests, skills and career goal.

Try it FREE → isdmnext.in/course-for-you

01 Counselling
Free guidance to pick the right course

02 Training
Practical classes, labs and projects

03 Mentoring
Experts, AI trainer and feedback

04 Placement support
Resume, interviews and job offers

What you get with this course

- Comprehensive study material
- Practical lab sessions
- Live projects for hands-on experience
- 24x7 AI trainer support
- AI career counselling
- Interview preparation assistance
- Job offers in student dashboard
- Certificate upon completion

ISDM NxT Head Office: 309, Saffron Plaza, Airport Road, Vadodara, Gujarat, 390022 · +916263625594 · inquiry@gmail.com

Fees depend on the centre and current offers - ask your counsellor. Course content may be updated to stay current with industry needs. · isdmnext.in