★ AI-INTEGRATED COURSE

NXT CERTIFIED CYBER SECURITY PROFESSIONAL

Secure your future with a Cyber Security career!

Duration: 6 Month | **Certificate** · Intermediate | **Eligibility:** Candidates with a basic understanding of IT and computer sys

OVERVIEW OF THE COURSE

Enhance your career prospects with the NxT Certified Cyber Security Professional course. This comprehensive program is designed to equip you with the essential skills and knowledge required to tackle modern cybersecurity challenges. Over a duration of 6 months, you will engage in hands-on learning, real-world projects, and exper...

- Hands-on learning experience
- Expert-led training sessions
- Real-world projects
- Cutting-edge tools and techniques
- Strong industry connections



6 Month	9	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

8 subjects with the topics you will learn

01 Introduction to Cybersecurity & Ethical Hacking

- Cybersecurity Fundamentals And Threats
- Malware, Phishing, And Network Attacks
- Vulnerabilities, Exploitation, And Defenses
- Emerging Trends And Cybersecurity Careers
- Ethical Hacking, Laws, And Compliance
- Security Policies, ISO 27001, And GDPR
- Cybersecurity Labs, Kali Linux, And Tools

02 Network Security & Firewalls

- Networking Fundamentals And Topologies
- TCP/IP Models And Transport Protocols
- IP Addressing And Subnetting
- Network Security Threats And Firewalls
- Network Scanning And Reconnaissance
- Intrusion Detection And Prevention Systems
- Wireless Network Security

03 Ethical Hacking & Penetration Testing

- Hacker Types And Ethics
- Reconnaissance And Footprinting
- Penetration Testing Phases
- Penetration Testing Tools
- Web Application Security Threats
- SQL Injection, XSS, And CSRF
- Practical Testing And Reporting

04 Cryptography & Data Security

- Cryptographic Foundations And Encryption Types
- AES Symmetric Encryption
- RSA Asymmetric Encryption
- Hashing Algorithms And Data Integrity
- PKI, Certificates, And Digital Signatures
- Steganography And Secure Communication
- Blockchain Security And Cryptography

05 Malware Analysis & Reverse Engineering

- Malware Types And Threats
- Static Malware Analysis
- Dynamic Malware Analysis And Sandboxing
- Reverse Engineering With IDA Pro And Ghidra
- Custom Malware Signatures And Detection
- Malware Analysis, Neutralization, And Removal

06 Cloud Security & Cyber Threat Intelligence

- Cloud Security Fundamentals And Shared Responsibility
- AWS Azure And Google Cloud Security
- Cloud Security Practices And Compliance
- Cloud Identity And Access Management
- Cloud Penetration Testing And Threat Hunting
- Incident Response SIEM And SOC Operations
- MITRE ATT&CK And Cyber Threat Intelligence

07 Digital Forensics & Incident Response

- Forensic Investigation Lifecycle
- Disk Forensics And Evidence Imaging
- Memory Forensics And Volatile Data
- Network Forensics And Traffic Analysis
- Forensic Tools And Analysis Platforms
- Cybercriminal Tracking And Chain Of Custody
- Cybercrime Laws And Digital Evidence

08 Red Team vs Blue Team Cyber War

- Cyber Warfare Tactics And Impact
- Ethical Hacking Team Roles And Contributions
- Cyber Warfare And Ethical Hacking Challenges
- Building Effective Ethical Hacking Teams
- Red Team Offensive Security And Operations
- Blue Team Defensive Security And Incident Response
- Security Operations Centers And Threat Intelligence

02 Projects & assignments

Hands-on work for your portfolio

P1 Conduct a security assessment of a fictional organization.

P2 Create an incident response plan for a data breach scenario.

P3 Develop a security policy document based on compliance standards.

P4 Perform a risk analysis on a given IT infrastructure.

03 Tools & software you will master

4 industry tools

- Wireshark
- Metasploit
- NM — Nmap
- Burp Suite

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

Cyber Security Analyst
Fresher salary: ₹3.0-4.5 LPA*

Information Security Manager
Fresher salary: ₹4.5-6.0 LPA*

Network Security Engineer
Fresher salary: ₹3.5-5.0 LPA*

Risk Management Consultant
Fresher salary: ₹3.0-4.5 LPA*

Compliance Officer
Fresher salary: ₹3.0-4.0 LPA*

Freelancing & own business

- Cybersecurity consultancy services
- Freelance ethical hacking
- Incident response services
- Security audits for small businesses

Industries that hire

- Information Technology
- Finance
- Healthcare
- Telecommunications
- Government Agencies

Grow further

- Advanced Cyber Security Specialist course
- Certified Ethical Hacker
- Cloud Security Professional
- Digital Forensics and Incident Response

Certification

Upon successful completion, you will receive an NxT Certified Cyber Security Professional certificate from ISDM NxT.

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

JOB SUPPORT

How we help you get a job

1. Personalized resume building assistance
2. Mock interviews with feedback
3. Access to job offers
4. Guidance in job applications

* 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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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 resources
- Job offers in student dashboard
- Certification 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