ISDM Independent Skill Development Mission NXT

EMPOWERING FUTURES,
SHAPING TOMORROW

★ 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
**SOCTECH COMPUTER EDUCATION**
Soctech Computer Education Rajakkad P.O Rajakkad,Idukki Kerala (685566), Kerala - 685566
Call / WhatsApp: **7306570796** · soctecheducation@gmail.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

## SOCTECH COMPUTER EDUCATION

Soctech Computer Education Rajakkad P.O Rajakkad,Idukki Kerala (685566), Kerala - 685566

**Call: 7306570796**

Email: soctecheducation@gmail.com

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Scan for course details & enquiry

NOT SURE WHICH COURSE IS RIGHT FOR YOU?

### 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