CDSA Certificate in Digital Security Analyst

CERTIFICATE IN
DIGITAL SECURITY ANALYST

"A Professional Cyber Security Analyst"

CDSA Certificate in Digital Security Analyst

Certificate in Digital Security Analyst (C-DSA)

"Certified Digital Security Analyst course has given the much-needed impetus to enhance my expertise."
Looking at the sophisticated nature of cyber-attacks, it is important to learn industry current trends to detect vulnerabilities and investigate them, endorse compliance and implement controls.

Course Objective

To keep up with rising security demands, more and more organizations are keen on following industry best practices to keep their digital environment secure. Our C-DSA course is an extensive training program to impart the latest and most relevant technological practices in Information Security Analysis. Learn everything about the Information Security Auditing - from risk management, network stress testing to incident response and patch management.

30% **28%** **19%** **23%**

- Protect Information Assets and maintain Confidentiality & Integrity

- Information System Security operations and security policy implementation

- Information System security acquisition, Development and Implementation of security posture

- Process of Auditing Information System, Governance and Management of IT

Course Ideally Suited For

- Security professionals working in IT sector
- Individuals planning a career in Digital Security Auditing

Benefits

C-DSA helps you start your career as:

- Information Security Analyst
- System Security Audit Analyst
- Information Security Policy Specialist
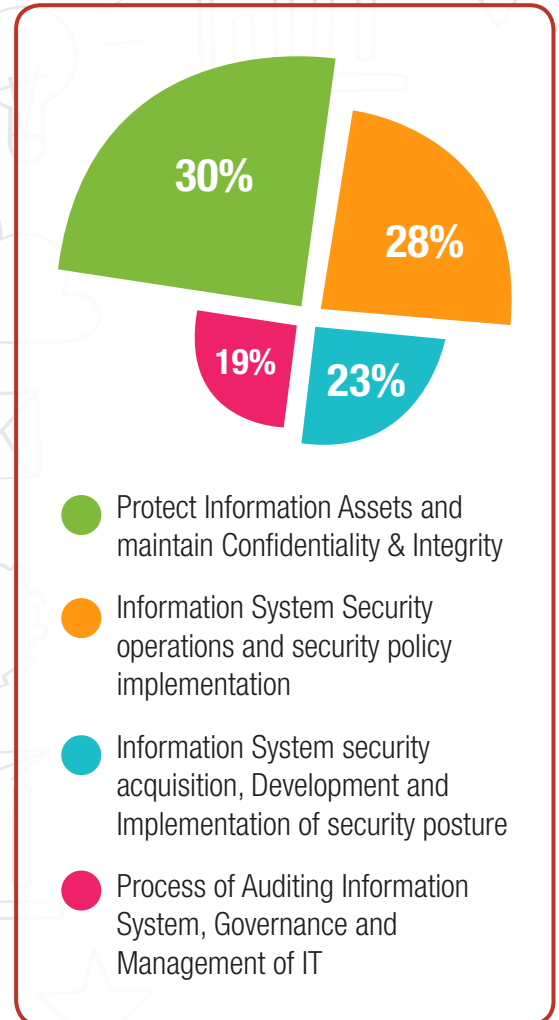
Key Areas of C-DSA

- Process of Auditing Information System
- Governance and Management of IT
- IS Acquisition Development and Implementation
- IS Operation, Maintenance and Support
- Protection of Information Assets

CDSA
Certificate in Digital Security Analyst

Length	Delivery Method
120 HOURS	Lecture + Lab

Unit 1 — Networking Concepts Overview | Lab

- Networking Concepts Overview
- Information Security Concepts
- Security Threats And Vulnerabilities

- Operating System and Configuration of Network
- Network Topologies and Creation
- DNS Server, Web Server, E-Mail Server, Vpn Server
- Wireless Network and Security
- Steganography, Cryptography and E-Commerce Security
- Malwares Ransomware and Trojan

Unit 2 — Ethical Hacking

- Introduction to Ethical Hacking
- Various Attack Methods and Countermeasures
- Penetration Testing

- Footprinting and Scanning
- Vulnerability Assessment and Exploitation
- Denial of Service and Distributed Denial of Service (DoS and DDoS)
- SQL Injection, XSS, CSRF Attacks and Countermeasures
- Buffer Overflow, MiTM, Spoofing

Unit 3 — Server Management, Firewall, IDS, Wireless NW & Mobile security

- Server Management & Firewall
- Wireless Network Security
- Intrusion Detection Systems & Honeypots
- Mobile Security

- DNS Routing & Load Balancing, DMZ & Firewall
- VPN and Webserver Security
- WiFi Security Testing
- Intrusion Detection & Prevention
- Incident Handling
- Smartphone Security

Unit 4 — System and Application Security

- System Security
- OS Security
- Digital Forensics
- Information System Compliance

- Desktop Security
- Email Security: PGP and SMIME
- Web Security: Web Authentication, SSL and TLS
- Operating System Vulnerabilities, Security Updates and Patches.
- Windows and Linux Security

Features of This Course

- Instructor-led Online Training for uninterrupted learning environment
- Off-line learning through Interactive Training videos for hassle-free, self-paced learning
- Excellent course content including course books, lab manuals and DVD
- Cyber Simulation DVD to practice on real life scenarios
- Yuva Cybercell to address student complaints regarding cyber issues
- A life time support to students through email & off-line chats

Skills Factory is an exclusive endeavour towards training and developing new-age skills in professionals and entrepreneurs, to meet the knowledge upgradation required in two fast growing industries - IT and Wellness. Our main aim is to develop the much-needed competences in the domains of Cyber Security, Digital Security, Information Security and Wellness at an equitable value.

We conduct on-premise seminars, workshops, and awareness talks for colleges, government organizations and corporates. New trending courses are added for professionals and beginners to keep up with the technological advancements in both the industries.

CDEH — Certificate in Digital Ethical Hacking

"Cyber Security, the only solution to safer and efficient business"

A CDEH certificate make you stand apart from the crowd as you understand the process of hacking and a malicious hacker's mindset. You get trained to beat them in their own game. A thorough knowledge of different steps of ethical hacking helps you secure any network and system with confidence.

CWAST — Certificate in Web App Security Testing

"A 360° web application security testing for a safer web experience"

C-WAST course is an excellent addition to your skills. You will understand the best practices followed in the industry for web application security and implement it all through SDLC. This course will enable you as a web application security tester and create efficiencies to produce secure applications.

CNSE — Certificate in Network Security Expert

"A safe network is central to any business and so is network security"

Candidate now aptly qualified to handle the highly sophisticated nature of network threats. CNSE will give the right tools and techniques to evaluate network infrastructure, security threats and deploy strong security strategies to keep sensitive data safe.

CWASC — Certificate in Web App Secure Coding

"Secure Coding for Secure Applications"

To be on the top of the game right skills are important and C-WASC credential just helped you achieve it. This course will give you the ability to follow industry best practices to deploy secure coding in web applications.

CAAPT — Certificate in Android App Penetration Tester

"Android Penetration Testing - key to a totally secure application"

This course help you to take care of Android app security throughout the development cycle. The course is one-of-its-kind and prepares you to take on a lead role in the growing market for Android Application Penetration Testers.

SKILLS FACTORY
SHARPER SKILLS FOR BETTER CAREERS