Certification Program in Cyber Security & Forensics

Certified by NASSCOM & Govt of India

Why **Cyber Security**

In today's fast-paced and digitally interconnected world, the importance of cybersecurity and digital forensics cannot be overstated. Organizations across industries face constant threats to their data, networks, and digital assets. As a result, the demand for skilled professionals who can protect against cyber threats and investigate digital crimes has skyrocketed. Our comprehensive Certification Program is specifically designed to equip you with the knowledge, skills, and industry-recognized credentials needed to excel in this rapidly evolving field. By choosing our program, you open the door to a wealth of opportunities and benefits that will propel your career to new heights and ensure your long-term success in the digital age.

Course **Outcome**

After completion of this course students will be able to acquire the following skills:

Server Administration
Hacking techniques for defensive in line to hackers such as Disk forensics, Live forensics, social engineering, Malware Forensics, Network forensics, Mobile Phone forensics.
Using latest techniques for Vulnerability analysis and Penetration testing
Using latest techniques for security operations management.
Analyzing skills for effective communication.

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Nasscom

NASSCOM (National Association of Software and Service Companies) is a prominent trade association in India's technology and IT-enabled services sector. Established in 1988, NASSCOM plays a pivotal role in advocating for the interests of the IT industry and promoting its growth on both national and international levels. With a membership comprising a diverse array of companies, including global giants and emerging startups, NASSCOM serves as a platform for collaboration, knowledge-sharing, and policy advocacy. The organization is dedicated to fostering innovation, supporting skill development, and driving digital transformation across various domains. NASSCOM's initiatives encompass areas such as skill development, research and analysis, industry events, and fostering business partnerships, all aimed at driving the growth and global competitiveness of India's technology sector.

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CYBER SECURITY MODULES

Network Essentials — 01

System Administration — 02
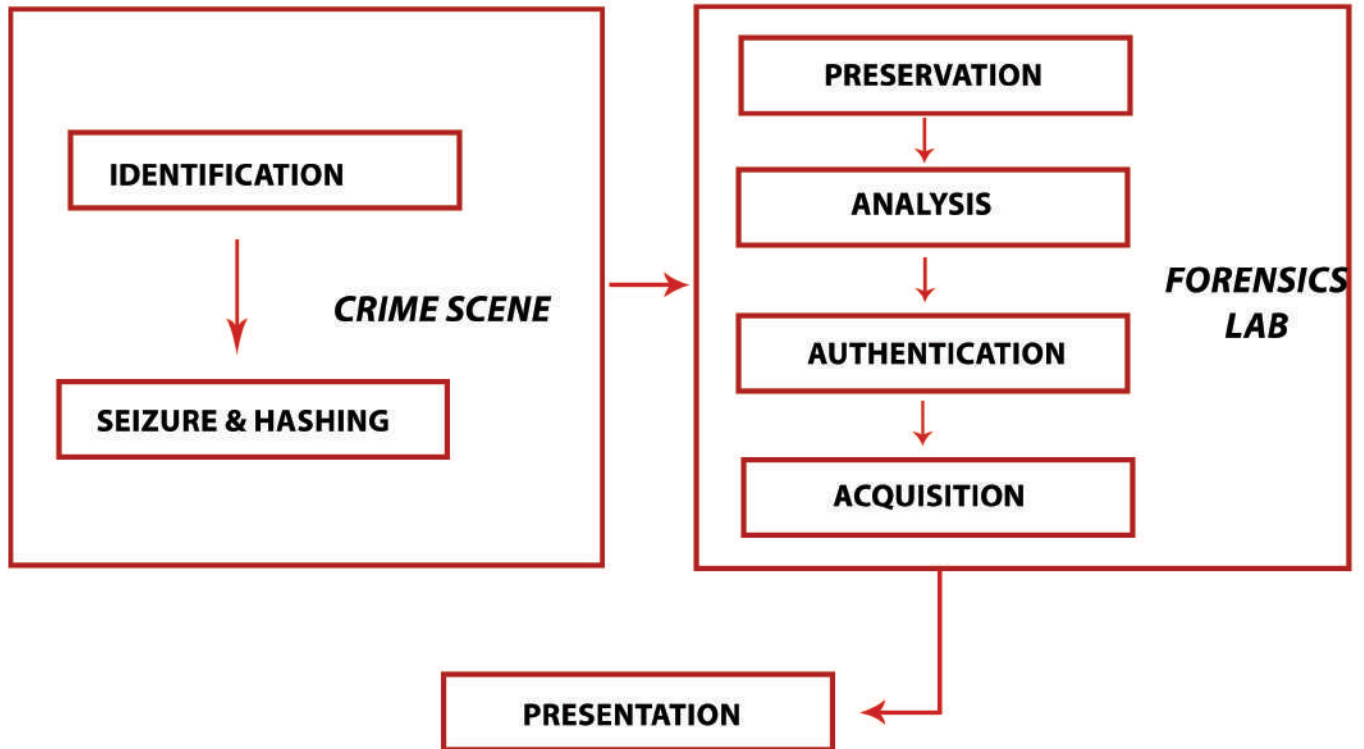
Ethical Hacking — 03

Python Programming — 04

Cloud Security — 05

DIGITAL FORENSICS

CRIME SCENE

IDENTIFICATION

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SEIZURE & HASHING

FORENSICS LAB

PRESERVATION

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ANALYSIS

↓

AUTHENTICATION

↓

ACQUISITION

PRESENTATION

COURSE MODULES

1. NETWORKING FUNDEMNTALS

◇ Introduction
◇ Network Topology
◇ Osi Model
◇ Protocols
◇ Networking Devices
◇ Cables & Connectors
◇ Ip Address
◇ Wireless Communications

2. LINUX & WINDOWS SERVER ADMINISTRATION

◇ Linux History
◇ Distributions
◇ The Linux File Tree
◇ Linux Commands
◇ Files In Linux

◇ Windows Introduction
◇ Evolution Of Windows
◇ Windows 11 Home Vs Pro
◇ Windows Commands
◇ Windows File Systems
◇ Windows Partitions
◇ Task manager
◇ Power shell Vs Command Prompt

3. ETHICAL HACKING

◇ Introduction To Ethical Hacking
◇ Footpriniting
◇ Scanning And Enumeration Techniques
◇ System Hacking
◇ Hacking Web Apps And Servers
◇ Malware Threats
◇ Session Hijacking
◇ Social Engineering
◇ Denial Of Service
◇ Evading Defence
◇ Cloud Security
◇ Cryptography

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4. PYTHON PROGRAMMING

◇ Introduction To Python
◇ Download & Install Python
◇ Python Syntax
◇ Python Keywords And Identifiers
◇ Storage Allocation
◇ Data Types
◇ Input Methods
◇ Operators
◇ Control Flow Statements
◇ Python Structures
◇ Strings
◇ Functions
◇ Lambda Function
◇ Modules
◇ Class
◇ Inheritance
◇ Polymorphism
◇ Abstraction
◇ Encapsulation
◇ Exception Handling
◇ Iterals
◇ Object Attributes
◇ Decorators
◇ Assertion
◇ Generator Function
◇ Logging
◇ File Handling
◇ Regular Expression
◇ Sql In Python

5. CYBER FORENSICS

◇ Cyberforensics Principals
◇ Incident Response And Crime Scene Management
◇ File Systems
◇ Forensics Software And Hardware Tools
◇ Cyber Forensics Analysis And Thumbnails
◇ Windows Analysis
◇ Network Forensics
◇ Mobile Forensics

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HANDS-ON
LEARNING LABS

Our advanced cyber range environment offers a unique learning experience that prepares you for real-world scenarios in cybersecurity. With access to state-of-the-art technology, you can simulate complex network infrastructures and systems, and test your skills against sophisticated attacks in a safe and controlled environment. Our range supports multiple operating systems, including Windows, Linux, and macOS, as well as virtual machines and containers, enabling you to explore different configurations and scenarios. Additionally, our range is equipped with customizable scoring and reporting features, allowing you to track your progress and measure your performance against industry benchmarks. Whether you are a beginner or an experienced cybersecurity professional, our cyber range provides the ideal platform to develop and enhance your skills.

WHAT'S COVERED:

Ethical hacking by using more than 1000+ tools .

Network Security.

Secure Coding Practices.

The practical labs and simulations in this course simulate real-world situations, allowing you to hone your skills and problem-solving abilities in a safe and controlled environment.

Digital Forensics with latest methods and technologies .

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COMMON JOB ROLES FOR CCSF

◇ **Cyber Security Analyst**
◇ **Security Architect**
◇ **Cyber Security Engineer**
◇ **Forensic Computer Analyst**
◇ **IT Systems Analyst**

◇ **Cyber Forensics consultant**
◇ **Web Security Tester**
◇ **Cyber Security Consultant**
◇ **SOC Analyst**
◇ **System Administrator.**

ABOUT US

Facein Technologies Pvt Ltd, one of the best and recognized IT Training Company in India provides world-class IT training programs and certifications to the global participants. We have the latest and the most pioneering courses to choose from, state of the art infrastructure and ever-evolving techniques while imparting training to you. We offer end-to-end learning solutions for students and professionals who are looking at securing their technical skills, professional reputation and marketability.

CONTACT US

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UNLOCK THE SECRETS OF
CYBER SECURITY & FORENSICS