

GET SKILLED BE EMPLOYABLE

CYBER SECURITY FOUNDATION PROGRAM

Cyber Security is the National Security

Every single data is a valuable commodity in this digital era. It comes as no surprise, therefore, that instances of cyber-attacks and security breaches are on the rise.

These attacks can result in a direct loss of resources, commercial interests, and intellectual property. Organizations are striving to prevent leakage of sensitive information and ensure data integrity. As a consequence, they are adopting stringent cybersecurity measures.


Cybersecurity entails safeguarding enterprise IT landscape from malware, virtual attacks, and unauthorized usage. However, improvement in virtual security methods is accompanied by an ever-escalating threat landscape.

Cyber Security Foundation Program


The Cyber Security foundation program is well-curated to impart the basic knowledge about Cyber Security. It will skill those who pursue the program and it will explain about the knowledge expansion after the fundamentals are understood by the learner.

The course is well defined in 6 modules, 30 hours of Theory with interesting context and 15 hours of Practical session of clarity, Topics and Sub-topics well defined and interactive for any number of times absorption, Course available in English + 5 languages and more to be added soon. the candidate will gain hands-on absolute knowledge about the fundamentals to begin a career path in Cyber Security.


COURSE OVERVIEW

Fundamentals of Cyber Security 

Understanding the strong fundamental of Cyber Security before getting into the core topics.

Fundamentals of Networking 

Learning the basics of network security across enterprises and the tools to navigate the security issues.

Basics of Security Testing 

Diagnose and Test the security threats and a wide range of security testing techniques.

Fundamentals of Access Management 

Deep understanding of managing access to different systems and enterprises assets connected to a network as Identity and Access Management for all prevention

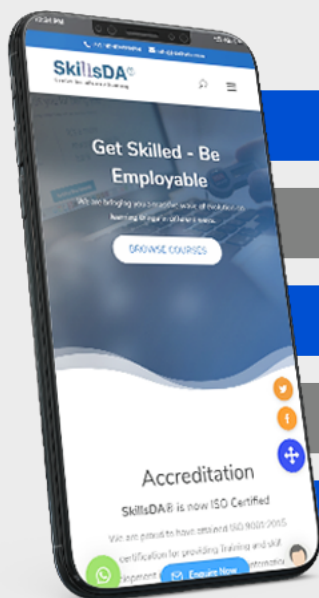
Fundamentals of Incident Management and Response 

Fundamentals of security incident management and the knowledge to report & mitigate security incidents.

Fundamentals of Security Operations 

Basic understanding of common cybersecurity operations, widely over-viewing different security tools and services as per the market standard.

LEARNING FEATURES



Self Paced, Highly interactive

Info Graphic representation

A 360-degree non-compromising learning approach

Unique LMS with a user-friendly dashboard

Learn-Pause-Learn and retrieval features

WHAT WILL YOU LEARN?

- Fundamentals of Cyber Security and different disciplines
- Types of Cyber Security threats
- Different types of Cyber Security Attacks and their applications
- Types of malware which are used to trigger Cyber Security incidents
- Basic concepts of Networking and different types of devices that constitute a network (such as Modem, Hub, NIC, Switch, Router etc.)
- Common terminologies related to networking (such as MAC Address, IP Address, Domain Name System etc.)
- The fundamentals of network models such as OSI (Open System Interconnection) and TCP/IP (Transmission Control Protocol/Internet Protocol)
- Different types of networks (such as Local Area Network (LAN), Wide Area Network (WAN), Virtual Private Network (VPN) etc.)
- Different Network Models such as OSI (Open System Interconnection) and TCP/IP (Transmission Control Protocol/Internet Protocol)
- Fundamentals of network firewall
- Fundamentals of Identity and Access Management (IAM) What security testing is and the different types of security tests
- Common user Identification and Access Management policies
- Different types of security controls, user authorization and encryptions and their applications
- Fundamentals of incident management, incident response, disaster mitigation and containment
- Continuity Plan, Back-up and Recovery Plan and Disaster Recovery Plan
- Basic concepts of continuous security monitoring
- Basics of change management and configuration management
- Fundamentals and applications of security forensics

TOOLS USED IN THIS COURSE



Security Testing
Kali Linux
Burp Suite
Vega
Metasploit



Identity & Access Management
AWS Cloud
Azure Cloud



Incident Management
Veritas



Security Operation Center
IBM QRadar

COURSE DURATION

45 HRS



THEORY SESSIONS

30 HRS



HANDS ON PRACTICALS

15 HRS



QUIZ-BASED KNOWLEDGE CHECK

150+



COURSE COMPLETION CERTIFICATE WILL BE ISSUED ON SUCCESSFUL COMPLETION OF THE PROGRAM

ELIGIBILITY CRITERIA

- Familiarity with writing code using at least one programming language
- Basic understanding of information technologies



INGU's Knowledge Academy Pvt. Ltd

(ISO Certified Cyber Security Training Center)

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