

Cybersecurity Certification

Cybersecurity is a constantly evolving and highly volatile space in the contemporary world. Packed with fascinating possibilities, this is a domain that is waiting to explode into the world any moment now. To face the various emerging threats in the cyberworld, cybersecurity certifications will enable you to become certified specialists in the various fields with the discipline of cybersecurity.

take an innovative approach towards cybersecurity. and, have a range of attractive and cutting-edge certification courses with the most enviable curriculum developed by our own subject matter experts.

1. Security Awareness :Introducing Cybersecurity

Cyberthreats are real! In the explosive volatile cyberspace of the contemporary world, threats and crimes are no longer confined in the physical domain, but have crossed over into the virtual . This is a next generation program offering the student a comprehensive understanding of fundamental cybersecurity approaches that need to be addressed within the ever-changing cyberspace.

2. Certified Cybersecurity Professional Courses - Basic and Advanced

Cybersecurity basic and advanced levels of Offensive hacking courses, Basic course covers the foundation of hacking technologies and Advanced level covers advanced futuristic hacking.

It has the most advanced Pen-Testing Linux OS in the world. The Calculus Edition comes with more than 1TB of hacking tools.

Cybersecurity Engineer level courses are under approved by American National Standards Institute (ANSI)

Cybersecurity Engineer Basic Course

A cybersecurity engineer can be called forth to fight Government espionage, hacktivists, organized crime groups, external and internal data theft and so on.

As a Cybersecurity Engineer,

- You will be equipped to prevent instances of cyber threats such as hacking, detecting phishing attacks, malware, identifying internal and external security threats and so on.

- You will understand distributed-denial-of-service attacks and implement strategies to mitigate them.
- You will be the architect for secured modern web applications, understand the use of right widgets and programming languages that would prevent hackers from scraping websites, use Address Resolution Protocol, use botnets and so on.
- You will gain knowledge of the scripts used for Web shell attacks and other scripts, spyware and tools used for phishing.
- You will develop an understanding of file systems and frameworks used for hacking.
- You will learn about encryption algorithms and ways to generate encryption keys

3.Cybersecurity Engineer Level 2

Cybersecurity Engineer Level 2 is a futuristic, advanced hacking course. The student should have gone through the Basic program which is a mandatory requirement. The student should also have a working understanding of the essentials of hacking tools and cybersecurity solutions. In Level 2, trainees will get a hands-on knowledge of analytical tools and advanced techniques including penetration testing and other innovative solutions and protocol to counter sophisticated security breach.

This course will impart a ground breaking first-hand experience of advanced cybersecurity threats, in a range of topics such as AI and cyberwarfare, Machine Learning, DevOps, principles of quantum entanglement, biometrics hacking, cyberthreat intelligence, cryptocurrency, such as blockchain and crypto mining etc. You will be a Cyberwarfare soldier after graduating from this course. sree

4..Cyberthreat Intelligence Analyst Certification Program

Cyberspace has been expanding on a magnificent scale. It's an important alternative to our physical space today, with more individuals and organisations increasingly interacting across mobile devices and multiple online channels. This new era of greater connectivity has led to the explosion of digital data streaming from online portals, cloud space, social and entertainment networks, online transactions so on. To preserve our precious data in Cyberspace the frontiers of this invisible space should be managed and protected with strong security systems.

Though routers, network and application firewalls have been installed to protect our data assets online, these are increasingly vulnerable to security breaches in our systems. It's not enough to ensure that the right security tools are installed in the right places, they must work in proper coordination with each other. A breach in the security ecosystem can prove very expensive.

Preparing for cyber attacks is a major challenge to organizations today. Responding to sudden, unseen and unwarranted attacks of cyber criminals operating at a global scale calls for qualified and vigilant Cyber Security forces.

5. Certified IOT Engineer

Tapping into the potential of IoT and all the possibilities that it brings to businesses requires a well-rounded knowledge base and insights into the new technologies and systems emerging today.

Understanding how machines and devices are built with embedded sensors and intuitive and interactive user interfaces enables professionals and businesses to take advantage of the opportunities created by the Internet of Things.

A Certified IoT Engineer will be trained in the various disciplines required to navigate the challenges of the Internet of Things revolution. The Certified IoT Engineer course is made up of a comprehensive set of modules that provide both an understanding and insight into developments in networking, data management and analytics, communication devices, embedded systems, and user interface design.

IoT and the Careers of Tomorrow

IoT is expected to be at the forefront of the next technological revolution. At present, it finds application in the fields of transportation, design, education, and healthcare. The sectors where knowledge of the IoT is being sought include Product Management, Robotics, Hardware Engineering, Business Intelligence, Networking, Industrial Programming, Software Development, User Interface, and Experience Design (UI/UX) and more.

6. Certified Big Data Analyst

Companies spanning across all industrial domains are experiencing a Big Data Boom! Several databases of digitally stored information and expert knowledge await us. Before the huge wave of digital data turn intimidating, we are saddled with a much-valued responsibility of managing the raw data. With computational powers growing at a spectacular speed, mastering this data-centric world can be challenging as well as fun. Big Data is to Artificial Intelligence what Automation and Robotics is to Internet of Things (IoT).

Faster, better, and cost-effective decisions is what makes businesses successful and unique and Big Data technologies such as Hadoop and cloud-based analytics bring significant advantages while making such decisions.

Big data analytics enables the organizations to handle a wide variety of data using advanced analytical capabilities including event, predictive and text analytics. These new data processing infrastructures includes faster hardware starting with faster multi-core processors and large memory spaces, to solid-state drives and tiered data storage for handling hot and cold data, to bring significant business growth.