

Overview

Cyber Security is a specialized field in Information Technology (IT) regarded as a sub-stream in Computer Science. Cyber Security as a profession has evolved over the years, one of the reasons being the increasing rate of cybercrimes. Any industry that transacts online or carries sensitive data requires a Cyber Security professional to safeguard its data from such delinquents.

Cyberspace is a common platform accessed by anyone from every corner of the world, the scope of cyber security is spread equally across the globe. According to India Today, the median salary for a professional who has sufficient training in cyber security in India is around 19.8 lakhs. So, cyber security courses in India have a high ROI at present.

About the Program

This course will introduce students to Cyber Security Fundamentals and Careers in Cyber Security to understand the real-world cybersecurity challenges that organizations face today. Students will learn to apply this knowledge and gain skills to address them. This course focuses on hands-on activities, and students are encouraged to participate in public and industry cyber security challenges.

Course

- Cyber Security Fundamentals
- Cyber Security Standards
- Types of Cyber Security Framework
- Introduction to Careers in Cyber Security
- Cyber Attack Life cycle
- Building a secure Hacking Lab
- Types of Attacks
- Network Security Attacks
- Web Application Attacks
- Zero-Day Exploit