



Innovation Center for Education



Cyber Security

IBM Global Certification Program



IBM in Kerala

Marketing Trends

✓ Growth

It will add \$14.2 Trillion to the world economy by 2030

✓ Job opportunities

Globally 40000+
India 1000+

✓ Salary

Global average salary INR 99L pa

Global Skill Gap

As per World Economic Forum January 2019 report, in United States there are more than 200,000 cyber security skills requiring job vacancies. The NASSCOM recently estimated that India alone will need 1 million cybersecurity professionals by 2020 to meet the demands of its rapidly growing economy.

The skill gap has now become an ever-growing mountain for its climbers, the recruiters of the cyber security roles.

Why Learn Cyber Security ?

Raising cybersecurity awareness is one of the main strategies of data protection and reduces the risks of cyber-attacks. Since there is an exponential growth in a cyber-attack, there is a need for an organization or individuals to equip themselves with the tools and technologies to prevent these cyber-crimes.

Cyber Security

Cyber security is the technology and process designed to protect networks, devices, programs and data from attack, damage, or unauthorized access. Cyber security is also referred as information technology security. It defends the system and servers, mobile devices, network and data from malevolent attacks.

The term is wide-ranging and covers everything from computer security to disaster recovery and end-user education.

Pre-requisites

Academic Qualification

- Science graduates and pursuing students (CS/ IS/ ECE/ Instrumentation/ Electrical/ Mechanical/ Automotive/ Civil)
- Diploma - 2nd and 3rd year
- B.Tech - 3rd and 4th year
- BCA
- M.Tech/MCA/MSc - 1st and 2nd year
- Professionals with minimum 2 years experience in IT with at least one programming skill

Skills

- Basic programming skills
- Basic security fundamentals
- Basic networking knowledge



Subjects

- Information security fundamentals
- IT applications and data security
- Ethical hacking and penetration testing

About Us

IBM and ASAP Collaboration

Additional Skill Acquisition Program has identified the need to tie up with well recognised organization, whose skill development methodologies, tools and capabilities are proven, whose certification is globally recognized.

IBM shall provide the solution to meet the need of the students of CSP and its affiliated colleges by providing the industry oriented project driven globally recognized certification program as per the curriculum of IBM iCAT identified and selected tracks.

IBM

74+ years of experience in the field of education, one of the most respected and recognized company globally.

ASAP

ASAP was incorporated in the year 2012 through State Skill Development Project with the aim of 'empowering' the youth of Kerala.

Why Choose Us ?

- World Class Content
- Virtual Labs
- Learning Pedagogy
- Enhanced Learning
- World Class Training
- Projects
- Flexibility
- Global Recognition

Cyber Security Outcome

On successful completion of this specialization, the audience will:

- Gain knowledge on information security fundamentals
- Understand the need and techniques for protecting the organization assets
- Gain knowledge on application of techniques and controls associated to cryptography and operations security
- Gain an insight into cost-benefit plan for analyzing security controls
- Gain knowledge on web and mobile application security
- Learn about the skills required for hacking
- Get IBM digital badge as Cyber Security professional



Job Roles

- Information security analyst
- Security software developer
- Security consultant
- Penetration tester
- Source code auditor
- Cyber security lead
- IT security analyst
- Intrusion detection specialist
- Security architect
- Security administrator
- Cryptographer/Cryptologist
- Cryptanalyst
- Security program manager
- Application security engineer

IBM Digital Badge



**Become a globally certified
Cyber Security professional !
Start Now !**

Contact Us

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