

Overview of Cyber Security:

Our daily life, economic vitality, and national security depend on a stable, safe, and resilient cyberspace. We rely on this vast array of networks to communicate and travel, power our homes, run our economy, and provide government services.

Yet cyber intrusions and attacks have increased dramatically over the last decade, exposing sensitive personal and business information, disrupting critical operations, and imposing high costs on the economy.

Today's world is more interconnected than ever before. Yet, for all its advantages, increased connectivity brings increased risk of theft, fraud, and abuse. People become more reliant on modern technology, we also become more vulnerable to cyber attacks such as Corporate Security Breaches, Spear Phishing, and Social Media Fraud.

Cyber security is a shared responsibility and each of us has a role to play in making it safer, more secure and resilient.

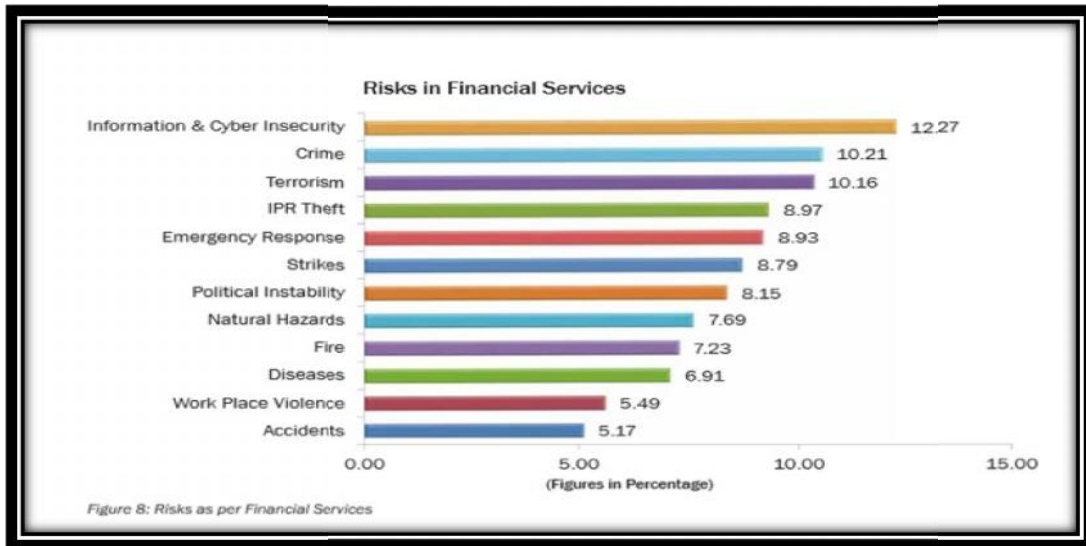
What is cyber security?

It is the practice of defending information from unauthorized access, use, disclosure, disruption, modification, perusal inspection, recording or destruction.

In computer security a threat is a possible danger that might exploit a vulnerability to breach security and thus cause possible harm.

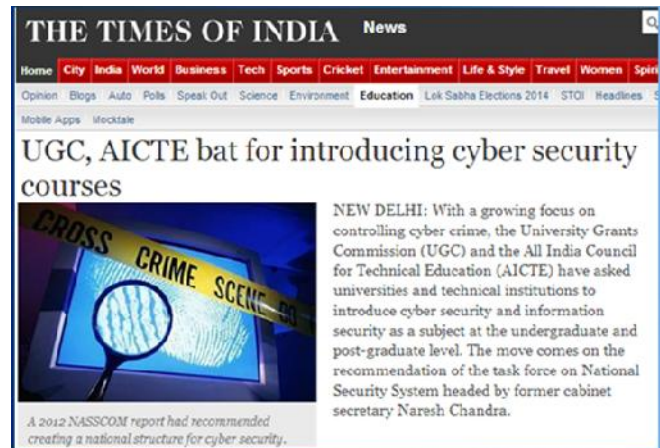
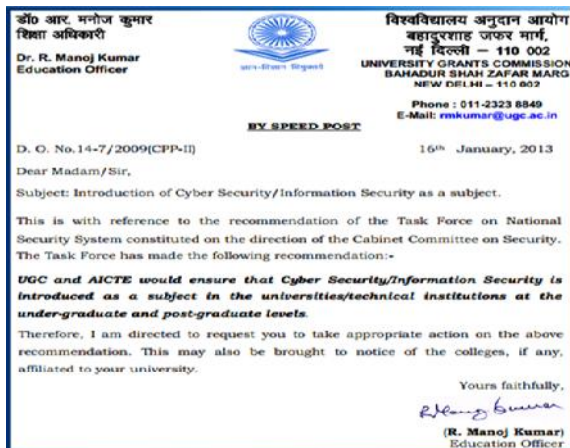
“By the end of 2015, 74% of enterprises will be infected with undetected, financially motivated, targeted threats that evaded their traditional perimeter and host defenses”

Source: *Gartner, Top Ten Key Predictions.*



Looking into the today's scenario & defend all the threats in cyber world UGC and AICTE has given the notification that Information Security should be a compulsory subject.

UGC and AICTE notifications:



- ▶ As per Nasscom report and National Cyber Crime Policy of 2013 published by Government of India 5, 00,000 Cyber Security Professionals are required by the end of 2015.

To give extra knowledge to the students along with traditional degree, Bharati Vidyapeeth have joined hands with Intelligent Quotient Systems Pvt. Ltd. (IQSPL) to deliver Cyber Security Course in IMED under Industry-Academy Partnership.

Intelligent Quotient Systems Pvt. Ltd.

Intelligent Quotient System Pvt. Ltd. is incorporated in 2006 having ISO 9001-2008 Certified company. A premier provider of Communications and Information technology based services. For over a decade, we have undertaken colossal projects from start to finish. Over the years, we have amassed a resilient team and unparalleled expertise across diverse technologies in order to provide seamless solutions for our clientele. Today IQSPL is synonymous with excellence.

Core Domains:-

- i. IT & IT Security Implementations, Security Audits;
- ii. IT & IT Security Trainings.

Our Strengths:-

- i. Certified Trainers
- ii. Quality Material & Delivery
- iii. Students Satisfactions
- iv. Alignment of study material with Industry best practices
- v. Maximum Hands-On training in adequate no of hours.

Vision Behind this course:



Dr. Shivajirao Kadam
Vice-chancellor
Bharati Vidyapeeth Deemed University,
Pune (India)

All time Support



Dr. Sachin S. Vernekar
MBA, LLB (GEN).Ph.D, FIMA, FICA.
Director IMED.



Mr. Deepesh Shah
Managing Director
Intelligent Quotient System Pvt. Ltd.

How Students with knowledge of security serve superior at the time of placement:

- A knowledge information technology can prepare you for an exciting career in a variety of industries. As information technology (IT) plays an increasingly important role in business, employers search for skilled workers with experience in handling information technology areas.
- The world of information technology is always growing and changing, so learning how to keep up with the pace of technology is one of the most important things students learn when enrolled in a Cyber Security Program.
- Working professionals in any industry can benefit from information technology training. Staying current on trends in technology and the changing online environment can increase job security and upward mobility. Employers consider people with advanced computer knowledge and experience an essential part of keeping their company competitive in the Internet age.
- The fast pace at which technology changes means that many different types of people are required to specialize in a variety of different areas, providing plenty of opportunity for everyone. It is much easier to keep up with one aspect of technology than with all of them. Therefore, it is important for specialists in different fields to communicate with each other and use IT Security in their own field.
- Top IS concern – Protecting your HR assets: Company assets are meant for business, and not personal use. We all have a responsibility to protect and safeguard company assets from loss, theft, misuse and waste. One should use company assets and funds for legitimate and authorized business purposes. This is responsibility of HR person to design and develop and implement a policy which safeguards company's interest.

Case Study:

Imagine this scenario: Two men work for a large corporate construction materials supplier. Both men have been at the company for the same number of years, and both are committed, dedicated workers. A managerial position has opened up, and both are under consideration for the promotion. The men seem equally qualified as far as experience, attitude, and dedication. But, one man recently earned an accredited online degree in information technology. Which employee do you think will get the promotion?

Knowledge of cyber security won't get you every promotion you want, but it can give you the edge you need over others competing for the same position. No matter what industry you work in, you can rest assured that your company uses information technology in a number of ways. From streamlining order-processing systems to increasing customer service, information technology is moving to the forefront of industry in general.

Job Opportunities:

At the time of placement with traditional degree, knowledge of cyber security will be added advantage. Below we have listed some job areas where students can be placed once they attain expert knowledge in security.

