

Information technology
act, 2000
Unit 4
“Cyber crime”

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Why Should we know about Cyber-Crime?

- In this Tech-savvy world of 21st Century every one is engaged with internet, through whatsapp, twitter, facebook, net-banking & lots of other platforms are there.
- And some criminal minded persons commit crimes here, which is included under cyber-crime.
- So we should be aware about crimes happening around in the cyber-space.

Objectives

- To provide a general awareness of Cyber-crime
- To Recognize Cyber-crime methods
- To know the importance of Cyber-laws(LOVE BUG Suspects+ loss 10\$ billion)
- To learn how to keep away from being a victim

Technical Definition of CYBER-CRIME .

- When Internet was developed, the founding fathers of Internet hardly had any inclination that Internet could also be misused for criminal activities. Today, there are many disturbing things happening in cyberspace. Cybercrime refers to all the activities done with criminal intent in cyberspace.
- **Cyber crime** refers to any crime that involves a computer/mobile and a network. The computer may have been used in the commission of a crime, or it may be the target.

What is Cyber-Crime?

Simple Theory-

- When you purchase a home it comes with a door and a lock. You always ensure that the door/lock exist and working properly. You may even purchase security systems.
- Well, why would you not secure your investments?
- Likewise, Your System is your home and security tools are your door/lock and security tools.

- So if someone breaches into your home's(System), accesses all your personal accounts and tampers your data, is the criminal who is committing the crime.
- And committed crime is known as cyber-crime.
- That means more precisely we can say that-
- **Cyber crime is an illegal activity committed on the internet.**

Various categories of Cyber-Crime.

Cyber Crime may be basically divided into 3 categories-

- Against Persons
- Against Property
- Against Government

Against Person:

- Cybercrimes committed against persons include various crimes like transmission of child-pornography, harassment of any one with the use of a computer such as e-mail, and cyber-stalking.
- The distribution, posting, and dissemination of obscene material including pornography, indecent exposure, and child pornography, constitutes one of the most important Cybercrimes known today. The potential harm of such a crime to humanity can hardly be overstated..

Against Government:

- The third category of Cybercrimes relate to Cybercrimes against Government. Cyber Terrorism is one distinct kind of crime in this category. The growth of Internet has shown that the medium of Cyberspace is being used by individuals and groups to the international governments as also to threaten the citizens of a country. This crime manifests itself into terrorism when an individual "cracks" into a government or military maintained website.

Against Property:

- The second category of Cybercrimes is that of Cybercrimes against all forms of property. These crimes include unauthorized computer trespassing through cyberspace, computer vandalism, transmission of harmful programs, and unauthorized possession of computerized information.

Examples Of cyber-Crime:

Malware
Phishing
Rootkits
Spam
Spyware
Trojans
Viruses

Cyber-Crimes and their History:

- The majority of cybercrimes are centered on forgery, fraud and Phishing,*
- India is the third-most targeted country for Phishing attacks after the US and the UK,*
- Social networks as well as ecommerce sites are major targets,*
- 6.9 million bot-infected systems in 2010,*
- 14,348 website defacements in 2010,*
- 6,850 .in and 4,150 .com domains were defaced during 2011,*
- 15,000 sites hacked in 2011,*
- India is the number 1 country in the world for generating spam.*

- Looking at the scam history, some of the popular scams have been the '419 scam',
- 'See who viewed your profile!',
- 'Dad walks in on daughter Embarrassing!',
- 'The 'dislike' button',
- 'Make thousands working from home!',
- Twitter direct messages with bad links,
- 'Twitter mentions',
- 'Justin Bieber stabbed!',
- 'Your account has been cancelled.',
- 'Confirm your email account',
- 'Facebook will start charging members!', and the list can go on and on.

Conclusion

- The key to protecting yourself is being aware.
- Not all cybercriminals are “hackers.”
- There is a whole other world that exists in cyberspace... make sure that your information travels safely.
- Stay Secure, Stay

Thank You

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