

Computer Misuse

White collar crime:

Crimes committed using computers from a significant proportion.

Cyber Crime:

Use of tech. or info. for illegal purpose or unauthorized access of computer sys where is to damage, delete, alter data.

Categories of misuse:

- Computer fraud
- unauthorized obtaining of information from computer
- unauthorized alteration or destruction of info. stored on the computer.
- denying access to an authorized user
- unauthorized removal of info. stored on a computer.

Computer Fraud categories:

- Input fraud: Phishing (slide-10)
- output fraud:
- program fraud. (salami - slicing)

Computer fraud:

Involves manipulation of computer's info by any means, dishonestly obtained money, property or any other adv. or. to cause loss.

→ Main offences:

- ↳ Fraud & theft
- ↳ obtaining property by deception
- ↳ False accounting.

Unauthorized obtaining of info.

- Computer hacking
- Eaves dropping on a computer.
 - ↳ secret listening
 - ↳ secret watching
- Making unauthorized use of comp. for personal benefit.

Unauthorized destruction of Info:

- damage or delete data belonging to some one
- Writing / executing program that damages data on hard disk

Unauthorized modification

- To impair the operation of any comp.
- To prevent or hinder access to any program.
- To impair the operation of any program or reliability of data.

Forgery:

Unauthorized alteration or destruction of data may amount to forgery.

Denying access to an authorized user

↳ denial of service - (DoS)

Unauthorized removal of info stored on a comp.

↳ only property can be stolen, info is not a property. e.g. A floppy disk is protected by law but not the info. stored in it.

Why cyber crimes are not reported?

- Offences are difficult to prove
- Evidences are difficult to collect.
- Firms are embarrassed or scared for reputation
- Employees are sacked or demoted.
- Police lack expertise
- Cyber-crime is perceived as soft-crime since no-one gets physically hurt.

Cyber laws in Pakistan

1. Electronic transaction ordinance 2002

↳ solid foundation for legal sanctity
& protection of Pakistani e-commerce
~~globally~~ globally & locally

2. Electronic /cyber Crime bill 2007.

↳ formulated against the cyber crimes.

Data Damage: