

# Law of Computing

Lec 1

# **Computer Law Book**

**Chapter 1: Cybercrime**

**Chapter 2: Crime Prevention**

**Chapter 3: Cracking” (“hacking”) and its effects**

**Chapter 4: Malicious Software**

**Chapter 5: Copyright**

**Chapter 6: Computer security policy**

**Chapter 7: Accountability, responsibility, liability in computer-based system**

# Cybercrime

- Cybercrime may be defined as any offense targeting computer data and systems or in a very broad sense as any offense involving a computer system.
- It should be possible to operationalize it for criminal law purposes in order to meet the rule of law principle that there cannot be a crime without a law.

# Professions Giving Birth to Cyber Crimes

There are three kinds of professionals in the cyberspace:

1- **IT or Tech Professionals** Since Cyber Crime is all about computers and Networks (Internet), many types of IT & Technology professionals .

- Network Engineers
- Cyber Security Software Professionals
- IT Governance Professionals
- Ethical Hackers

# Professions Giving Birth to Cyber Crimes Cont.

## 2- Cyber Law Experts

Cyber law experts handle:

- General Cyber Law
- Patent Infringements or other Business Cyber crimes
- Cyber Security for Identity thefts and Credit Cards and other Financial transactions
- Online Payment Frauds
- Copyright Infringement of software, music and video.

# Professions Giving Birth to Cyber Crimes Cont.

## 3- Cyber Law Implementation Professionals:

Many agencies play a role in cyber law implementation, which include

- e-Governance agencies,
- law and enforcement agencies,
- cybercrime research cells
- cyber forensic labs.

# Types of Cybercrime

- **Cyber crimes against persons.**
  - Cyber crimes committed against persons using computer system or the internet.
- **Harassment via E-Mails:** This is very common type of harassment through sending letters, attachments of files & folders i.e. via e-mails.
- **Cyber-Stalking:** It is expressed or implied a physical threat that creates fear through the use to computer technology such as internet, e-mail, phones, text messages, webcam, websites or videos.

# Types of Cybercrime

- **Defamation:** It involves any person with intent to lower down the dignity of the person by hacking his mail account and sending some mails with using vulgar language to unknown persons mail account.
- **Hacking:** It means unauthorized control/access over computer system and act of hacking completely destroys the whole data as well as computer programs. Hackers usually hacks telecommunication and mobile network.

# Types of Cybercrime

- **E-Mail Spoofing:** A spoofed e-mail may be said to be one, which **misrepresents its origin**. It shows its origin to be different from which actually it originates.

# Types of Cybercrime

- **SMS Spoofing:** Here an offender **steals identity** of a mobile number and sending SMS via internet and **receiver gets the SMS** from the mobile phone number of the **victim**. Spoofing is blocked through spam which means the **unwanted uninvited messages**.
- **Carding:** It **means** false ATM cards i.e. Debit and Credit cards used by criminals for their **monetary** benefits through **withdrawning** money from the **victim's bank account**.

# Types of Cybercrime

- **Assault by Threat:** It refers to **threatening** a person with fear for their lives or lives of their families through the use of a computer network i.e. E-mail, videos or phones.