Why learn about CYBER CRIME ?

Because –

– Everybody is using COMPUTERS..

– From white collar criminals to terrorist organizations And from Teenagers to Adults.

– Conventional crimes like Forgery, extortions, kidnapping etc.. are being committed with the help off computers

– New generation is growing up with computers.

– <u>MOST IMPORTANT</u> - Monetary transactions are moving on to the INTERNET.

WHAT IS CYBER CRIME?

All crimes performed or resorted to by abuse of electronic media or otherwise, with the purpose of influencing the functioning of computer or computer system.

IN SHORT

- **COMPUTER CRIME is any crime where –**
  - Computer is **a target**.
  - Computer is **a tool** of crime
  - Computer is **incidental** to crime

PROFILE OF CYBER CRIME   VICTIMS

- Disgruntled employees..

- Teenagers..

- Professional Hackers..

- Business Rival..

- Ex-Boy Friend..

- Divorced Husband.. etc

- Gullible

- Desperados and greedy people

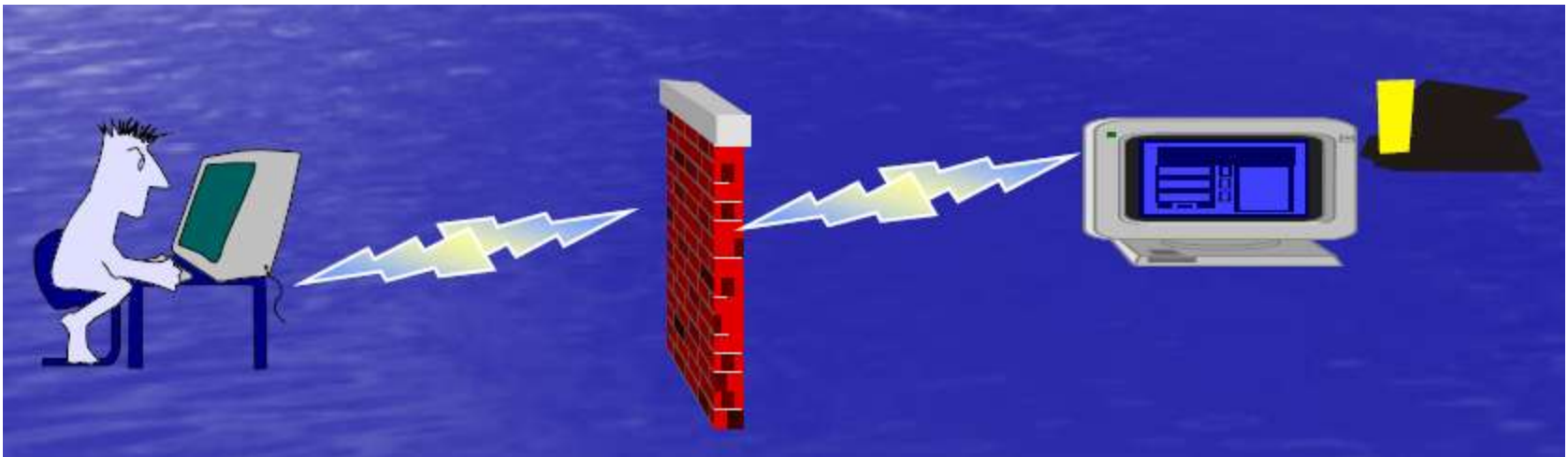- Unskilled & Inexperienced

- Unlucky people

TYPES OF CYBER CRIME

NOTE: - This is not exhaustive list of cyber crime

1. HACKING
2. DENIAL OF SERVICE ATTACK
3. VIRUS DISSEMINATION
4. SOFTWARE PIRACY
5. PORNOGRAPHY
6. IRC Crime
7. CREDIT CARD FRAUD
8. NET EXTORTION
9. PHISHING
10. SPOOFING
11. CYBER STALKING
12. CYBER DEFAMATION
13. THREATENING
14. SALAMI ATTACK
15. SALE OF NARCOTICS

1. HACKING

Hacking in simple terms means illegal intrusion into a computer system without the permission of the computer owner/user.

- This is an act by the criminal, who floods the bandwidth of the victim's network or fill's his e-mail box with spam mail depriving him of the services he is entitled to access or provide.

- Malicious software that attaches itself to other software. (virus, worms, Trojan Horse, Time bomb, Logic Bomb, Rabbit and Bacterium are the malicious software's).

4. SOFTWARE PIRACY

- ✓ Theft of software through the illegal copying of genuine programs or the counterfeiting and distribution of products intended to pass for the original..

- ✓ Retail revenue losses worldwide are ever increasing due to this crime.

- ✓ Can be done in various ways-

  End user copying,, Hard disk loading, Counterfeiting, Illegal downloads from the internet etc.

5. PORNOGRAPHY

- ✓ Pornography is the first consistently successful ecommerce product.

- ✓ Deceptive marketing tactics and mouse trapping technologies Pornography encourage customers to access their websites.

- ✓ Anybody including children can log on to the internet and access websites with pornographic contents with a click of a mouse.

- ✓ Publishing, transmitting any material in electronic form which is lascivious or appeals to the prurient interest is an offence under the provisions of section 67 of I.T. Act -2000.

6. IRC CRIME

Internet Relay Chat (IRC) servers have chat rooms in which people from anywhere the world can come together and chat with each other.

- Criminals use it for meeting.

- Hackers use it for discussing their exploits / sharing the techniques.

- Paedophiles use chat rooms to allure small children.

- Cyber Stalking - In order to harass a woman her telephone number is given to others as if she wants to befriend males.

7. CREDIT CARD FRAUD

- You simply have to type credit card number into www page off the vendor for online transaction.

- If electronic transactions are not secured the credit card numbers can be stolen by the hackers who can misuse this card by impersonating the credit card owner.

Credit card skimmer

How the credit card skimmer is used

Credit card skimmer, is used to collect the data of user before it swapped.

Additional Slot In ATM Machine

FALSE slot Fixed to the original card slot. (Same color and sticker). Contains additional card reader to copy your card information ...and duplicate your card

Multi Expresso

The micro camera at the side can view the KEYPAD and also the monitor to send wireless picture up to 200metres.

Inside the False pamphlet Box

Camera position at correct angle to view keypad & monitor.

Camera Battery;

Transmission Antenn

8. NET EXTORTION

9. PHISHING

- Copying the company's confidential data in order to extort said company for huge amount..

- It is technique of pulling out confidential information from the bank/financial institutional account holders by deceptive means.

Actual login page   Fake login page

10. Spoofing

11. CYBER STALKING

- Getting one computer on a network to pretend to have the identity off another computer, usually one with special access privileges , so as to obtain access to the other computers on the network.

- The Criminal follows the victim by sending emails, entering the chat rooms frequently.

12) CYBER DEFAMATION

13) THREATENING

- The Criminal sends emails containing defamatory matters to all concerned off the victim or post the defamatory matters on a website..

- (disgruntled employee may do this against boss,, ex-boys friend against girl, divorced husband against wife etc)

- The Criminal sends threatening email or comes in contact in chat rooms with victim.

- (Any one disgruntled may do this against boss, friend or official)

14) SALAMI ATTACK

15) SALE OF NARCOTICS

- In such crime criminal makes insignificant changes in such a manner that such changes would go unnoticed.
- Criminal makes such program that deducts small amount like Rs. 2.50 per month from the account of all the customer of the Bank and deposit the same in his account. In this case no account holder will approach the bank for such small amount but criminal gains huge amount.

- Sale & Purchase through net..
- There are web site which offer sale and
- Shipment off contrabands drugs..
- They may use the techniques off
- Stegnography for hiding the messages..