



## Study about Cyber Law of India

Somia Malik, Research Scholar  
BPS University, Knanpur Kalan, Sonipat

**Introduction:** In Simple way we can say that cyber crime is unlawful acts wherein the computer is either a tool or a target or both Cyber crimes can involve criminal activities that are traditional in nature, such as theft, fraud, forgery, defamation and mischief, all of which are subject to the Indian Penal Code. The abuse of computers has also given birth to a gamut of new age crimes that are addressed by the Information Technology Act, 2000.

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**We can categorize Cyber crimes in two ways**

- The Computer as a Target :-using a computer to attack other computers.  
e.g. Hacking, Virus/Worm attacks, DOS attack etc.
- The computer as a weapon :-using a computer to commit real world crimes.  
e.g. Cyber Terrorism, IPR violations, Credit card frauds, EFT frauds, Pornography etc.

### Technical Aspects

Technological advancements have created new possibilities for criminal activity, in particular the criminal misuse of information technologies such as

#### a. Unauthorized access & Hacking:-

Unauthorized access would therefore mean any kind of access without the permission of either the rightful owner or the person in charge of a computer, computer system or computer network. Every act committed towards breaking into a computer and/or network is hacking. Hackers write or use ready-made computer programs to attack the target computer. By hacking web server taking control on another person's website called as web hijacking.

#### b. Trojan Attack:-

The program that act like something useful but do the things that are quiet damping. The programs of this kind are called as Trojans. The most popular name is Trojan Horse. Trojans come in two parts, a Client part and a Server part. When the victim (unknowingly) runs the server on its machine, the attacker will then use the Client to connect to the Server and start using the trojan.

#### c. Virus and Worm attack:-

A program that has capability to infect other programs and make copies of itself and spread into other programs is called virus.

Programs that multiply like viruses but spread from computer to computer are called as worms.

#### d. E-mail & IRC related crimes:-

- Email spoofing.
- Email Spamming
- Sending malicious codes through email
- Email bombing
- Defamatory emails