

# Cyber law in India

## Need & Importance



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# Overview

1. Need of cyber law
2. Cyber crime
3. Introduction of cyber law
  - IT act 2000
  - IT act amendment 2008
4. Cyber Law in world
5. Importance of cyber law in present era

# Brief about Cyber law

“ The modern thief can steal more with a computer than with a gun. Tomorrow’s extremist may do more damage with a keyboard than or with a bomb”

- \* Cyber space creates moral, civil and criminal wrongs. It has now given a new way to express criminal tendencies
- \* Information technologies is encompassing all walks of life all over the world
- \* Internet has dramatically changed the way we think, the way we govern, the way we do commerce and the way we perceive ourselves
- \* cyber space is open to participation by all
- \* It has brought transition from paper to paperless world

# Cyber law

- Cyber law is the law governing cyber space
- Cyber space includes computers, networks, soft wards, data storage devices (such as hard disks, USB disks), the internet, websites, emails and even cell phones, ATM machines
- Cyber law deals with
  - \* Cyber crimes
  - \* Electronic or digital signatures
  - \* Intellectual properties
  - \* Data protection & privacy

# Categories of cyber crime

- Cyber crime against persons
- Cyber crimes against property
- Cyber crimes against government

## Against a person

- \* Cyber stalking
- \* Impersonation
- \* Loss of privacy
- \* Transmission of obscene material
- \* Harassment with the use of computer

# Against Property

Un authorized computer trespassing

- Computer vandalism
- Transmission of harmful programmes
- Stealing secret information & data

➤ Copy rights

Against government

- \* Hacking government website
- \* Cyber extortion
- \* Cyber terrorism
- \* Computer viruses

**Some other crimes:**

- Logic bombs  
horse, email bombing
- Spamming  
-E-mail abuse

# IT Act -2000

- The information technology act, 2000 (IT act) come into force on 17<sup>th</sup> October 2000
- The primary purpose of the act is to provide legal recognition to electronic commerce and to facilitate filing of electronic records with the government.
- Information technology act 2000 consisted of 94 sections segregated into 13 chapters

# IT Act -2000 Objectives

- To provide legal recognition for transactions
- To facilitate electronic filing of documents with the govt. agencies
- To amend the IPC, the Indian evidence act 1872, the bankers book evidence act 1891 and the reserve bank of India act 1934.
- Aims to provide the legal frame work to all electronic records



# IT Act 2000-snap shot of important Cyber Law Provisions in India

- Section 43 - offence, tampering with computer source, documents (with out permission of in-charge
- Sec-66 - Hacking with computer system, data alteration
- Sec-67 - Publishing obscene information
- Sec-70 - Un authorized access to protected system
- Sec-72 - Breach of confidentiality & privacy
- Sec-73 – Publishing false digital signature certificates
- Sec-503 & 499 IPC – sending threatening & defamatory messages by email

# IT Act 2000-snap shot of important Cyber Law Provisions in India

- Sec-463 – Forgery of electronic records
- Sec-420 – Bogus websites, cyber frauds
- Sec-463 & 500 – Email spoofing & abuse
- Sec-383 – Web jacking
- NDPS Act – Online sale of drugs
- Arms Act- Online sale of Arms

# IT Act Amendment 2008

- The information technology amendment act 2008 has been passed by the parliament on 23<sup>rd</sup> December 2008
- It received the assent of president of India on 5<sup>th</sup> February 2009
- The IT act 2008 has been notified on 27<sup>th</sup> October 2009
- IT act 2008 is a new version of IT act 2000
- Provides additional focus on information security

# IT Act Amendment 2008

- Added several new sections on offences including cyber terrorism & data protection
- 124 sections & 14 chapters
- Digital signature has been replaced with electronic signature
- Sec 67 of the old act is amended
- Amended Sec 69 gives power to the state

# Importance of cyber law

- We are living in highly digital world
- All companies depend upon their computer net works & keep their valuable data in electronic form
- Govt. forms including income tax returns, company law forms etc., are now filled in electronic form
- Consumers are increasingly using credit cards for shopping
- Most people are using email, cell phone, SMS for communication
- Even in “non-cyber crime” cases also important evidence is found in computers/cell phones etc. in case of divorce, murder, kidnapping organized crime, terrorist operations.



# A.P Government & Police Initiative Cyber Safety for Women & Children



## Cyber safety measures

- Never accept friends requests from unknown people on social media platforms
- Use caution when share personal information/emotions with virtual friends/chat room partners etc. whom you don't know in your real life.
- Never share your passwords, credit/debit card PIN/OTP to anyone
- Disable camera permission and keep the lens of your camera closed or covered when not in use
- Always let your friends and family know where you are going and who you are meeting



# A.P Government & Police Initiative Cyber Safety for Women & Child Cyber safety measures



- Disable geo tagging in your camera. Enable it only when required
- Always logout from online accounts when you are done
- Never click on a link from an un-trusted source
- Use safety tips like filtering emails, locking personal albums and information, personal walls of social networking sites etc.
- Use pseudo names instead of real names in internet



# A.P Government & Police Initiative Cyber Safety for Women & Child



## Cyber safety measures

- Don't share /forward abused messages/images/videos and rumours in internet
- Enable parental controls on systems and gaming consoles to manage child's online activities
- Avoid using free, unsecured Wi-Fi for shopping or banking on the internet and even for logging into your media profiles
- Keep evidence of bullying behavior such as instant messenger conversations or online posts
- Avoid saving your credit/debit cards information on websites, web browsers and gaming sites





# A.P Government & Police Initiative Cyber Safety for Women & Child Cyber safety measures



- Security updates and patches keep the latest threats away. Always install them no matter how busy you are
- Don't mail back to unknown senders of spam/ pornographic/ erotic/ phishing
- Freebies come as games, offers, deals, etc. they may be riddled with viruses, spyware and malicious software
- Familiarize yourself with blocking and reporting functions in social media sites
- Go for unique and hard to guess password
- Report to law enforcement agencies if you find any viral scare in online
- Enable privacy options and two-factor authentication on social media sites
- Don't mail back to unknown senders of spam/ pornographic/ erotic/ phishing



# A.P Government & Police Initiative Cyber Safety for Women & Child Cyber safety measures



- Report to law enforcement agencies if you find any viral scare in online
- Enable privacy options and two-factor authentication on social media sites
- For enabling/ disabling privacy settings in social media

Facebook: <https://www.facebook.com/help/325807937506242>

Whatsapp:

<https://faq.whatsapp.com/en/android/23225461/?category=5245250>

Instagram: <https://help.instagram.com/196883487377501>



# Toll free numbers



## Cyber Distress ?

*Are you being harassed ?*



### Police help is **Just a call away**

**DIAL 112**

**DIAL 181**

**DIAL 100**

9121211100

AP Police Women Safety  
Cyber Space

**ANY TIME ANY WHERE AT YOUR SERVICE**



KNOWLEDGE PARTNER



LEAD ORGANISATION

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**Thank you**