



SCOPE & NEED OF CYBER LAW

CYBER LAW & INTELLECTUAL PROPERTY RIGHTS (OE-EC506B)

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ELECTRONICS & COMMUNICATION ENGINEERING



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Introduction

- We are living in an era where the internet has become a part of our daily schedule.
- Everything, from ordering food to shopping online, studying a subject to looking at memes, posting online about your whereabouts to online transactions, has been so engrained in our functioning that we tend to overlook the threats and dangers it poses to us.
- The web is a worldwide stage, which means that anyone can have access to it. And once people have access to anything, they start violating it.
- The computer-generated world of the internet is known as **Cyberspace** and the laws prevailing in this area are known as **Cyber laws**.



Cyber Law



- Cyber Law can be defined as the law which governs Cyberspace and protects from cyber crimes and lays down punishments for its violation.

- Cyberlaw is a common term which refers to legal jurisdiction and regulation of various aspects of the internet and computer security.
- In short, cyber law is the law governing computers and the internet.
- In India, cyber laws are regulated by the **Information Technology Act, 2000**.



Need of Cyber Law

With the evolution and development of the internet, information technology and computers, challenges imposed by cyber crimes have also increased. With the increase in the number of internet users, the need for cyber laws and their applications has become very urgent in modern times. Cyber laws are needed because:

1. Consumers are increasingly using online transactions with the increased popularity of payment apps and sites, as they are easy and efficient.
2. Email, SMS, messaging apps and social networking sites have become the main mode of communication.
3. Companies are highly dependent upon their computer networks to keep their electronic data safe.
4. Digital contracts are also gaining popularity in modern times; cyber laws help in protecting the rights of these legally enforceable digital contracts.



Scope of Cyber Law

The scope of cyber law is very wide as it deals with various kinds of challenges and threats imposed by the internet and developments in computer technology:



1. Dealing with computer hackers, spammers and those who spread malware and viruses.
2. Protecting the privacy of the individuals and preventing fraud in money transactions.
3. Regulation of the content and information available on the internet.
4. Protection of Intellectual Property Rights and dealing with issues of copyright in a computer program and patent protection of software programs.
5. Dealing with the purchases from other jurisdictions under e-commerce.



Cyber Laws in India

- In India, cyber laws are contained in the **Information Technology Act, 2000**.
- The main object of this Act is to provide legal recognition to e-commerce and electronic formats and to facilitate the filing of electronic records with the Government.
- This legislation lays down rules and regulations related to cybercrimes, electronic information and formats, electronic authentication and digital signatures, and liability of network service providers.
- The I.T. Act is based on the **United Nations Model Law on Electronic Commerce 1996 (UNCITRAL Model)** recommended by the General Assembly of the United Nations by a resolution dated 30 January 1997.
- Indian Cyber Law covers almost all kinds of cybercrimes and provides punishment for the same.



Conclusion



To sum up, though a crime-free society is perfect and exists only in illusion, it should be a constant attempt of rules to keep the criminalities lowest. Especially in a society that is dependent more and more on technology, crime based on electronic law-breaking is bound to increase and lawmakers have to go the extra mile compared to the impostors, to keep them at bay. With the introduction of the I.T. Act, 2000, the issue of crimes in Cyberspace in India has been addressed very smartly, yet, the proper implementation of the Act is still lacking. The need for efficient cyber laws is very evident, considering the current scenario, but individuals should also be aware of such threats while surfing the internet.





Thank
you!