A BRIEF STUDY ON CYBER CRIME AND CYBER LAW'S OF INDIA

Shilpa Sharma¹, Sukhvir Singh²

Department of Computer Science & Applications Desh Bhagat University, Mandi Gobindgarh

ABSTRACT

As we all know that this is the era where most of the things are done usually over the internet startingfrom online dealing to the online transaction. Since the web is considered as worldwide stage, anyone can access the resources of the internet from anywhere. The internet technology has been using by the few people for criminal activitieslike unauthorized accesstoother'snetwork, scams etc. These criminal activities or the offense/crime related to the internet is termed as cyber crime. In order to stop or to punish the cyber criminals the term "Cyber Law" was introduced. We can define cyber law as it is the part of the legal systems that deals with the Internet, cyberspace, and with the legal issues. It covers a broad area, encompassing many subtopics as well as freedom of expressions, access to and utilization of the Internet, and online security or online privacy. Generically, it is alluded as the law of the web.

Key Words: Internet, Unauthorized access, Cyber crime, Cyber law, Cyberspace, Punish, Network

1. INTRODUCTION

The invention of Computer has made the life of humans easier, it has been using for various purposes starting from the individual to large organizations across the globe. In simple term we can define computer as the machine that can stores and manipulate/process information or instruction that are instructed by the user. Most computer users are utilizing the computer for the erroneous purposes either for their personal benefits or for other's benefits incedecades [1]. This gave birth to "CyberCrime". This had led to the engagement in activities which are illegal to the society. We can define Cyber Crime as the crimes committed using computers or computer network and are usually take place over the cyber space especially the Internet [2]. Now comes the term "Cyber Law". It doesn't haveafixed definition, but in a simple term wecan defined it as the law that governs the cyberspace. Cyber laws are the laws that govern cyber area. Cyber Crimes, digital and electronic signatures, data protections and privacies etc are comprehended by the Cyber Law [3]. The UN's General Assembly recommended the first IT Act of India which was based on the "United Nations Model Law on Electronic Commerce" (UNCITRAL) Model [4].

2. OBJECTIVE

The principle target of our paper is to spread the knowledgeofthecrimesoroffencesthattakeplace through the internet or the cyberspace, along with thelaws

that are imposed against those crimes and criminals. We are additionally trying to focus on the safety in cyberspace.

3. CYBER CRIME AND CYBER LAW

We can define "Cyber Crime" as any malefactor or other offences where electronic communications or information systems, including any device or the Internet or both or more of them are involved [5].

We can define "Cyber law" as the legal issues that are related to utilize of communications technology, concretely

"cyberspace", i.e. the Internet. It is an endeavor to integrate the challenges presented by human action on the Internet with legacy system of laws applicable to the physical world [6].

3.1 Cyber Crime

Sussman and Heuston first proposed the term "Cyber Crime" in the year 1995. Cybercrime cannot be described asasingledefinition, it is bestconsidered as a collection of acts or conducts. These acts are based on the material offence object that affects the computer data or systems. These are the illegal acts where a digital device or information system is a tool or a target or it can be the combination of both. The cybercrime is also known as electronic crimes, computer-related crimes, e-crime, high-technology crime, information age crime etc.

In simple term we can describe "Cyber Crime" are the offences or crimes that takes place over electronic communications or information systems. These types of crimes are basically the illegal activities in which a computer and a network are involved. Due of the development of the internet, the volumes of the cybercrime activities are also increasing because when committing a crime there is no longer a need for the physical present of the criminal.

The unusual characteristic of cybercrime is that the victim and the offender may never come into direct contact. Cybercriminals often opt to operate from countries with nonexistent or weak cybercrime laws in order to reduce the chances of detection and prosecution.

There is a myth among the people that cyber crimes can only be committed over the cyber space or the internet. In

Fact cyber crimes can also be committed without ones involvement inthecyber space, it is not necessary that the cyber criminal should remain present online. Software privacy can be taken as an example.

3.1.1 History of Cyber Crime

The first Cyber Crime was recorded within the year 1820. The

primeval type of computer has been in Japan, China and India since 3500 B.C, but Charles Babbage's analytical engine is considered as the time of present day computers. In the year 1820, in France a textile manufacturer named Joseph-Marie Jacquard created the loom. This device allowed a series of steps that was continual within the weaving of special fabrics or materials. This resulted in an exceeding concern among the Jacquard's workers that their livelihoods as well as their traditional employment were being threatened, and prefer to

sabotage so as to discourage Jacquard so that the new technology cannot be utilized in the future [7].

3.1.2 Evolution of CyberCrime

The cyber crime is evolved from Morris Worm to the ransomware. Many countries including India are working to stop such crimes or attacks, but these attacks are continuously changing and affecting our nation.

Table-1: Evolution of Cyber Crime

Years	Types of Attacks	
2010	Cyber crimes and viruses initiated, that includes Morris Code worm and other.	
2014	Malicious code, Torjan, Advanced worm etc.	
2017	Identifying thief, Phishingetc.	
2019	DNSAttack,RiseofBotnets,SQL attacks etc	
2022	Social Engineering, DOS Attack, BotNets, Malicious Emails,	
	Ransomwareattacketc.	
Present	Banking Malware, Keylogger, Bitcoin wallet, Phone hijacking, Anroid hack,	
	Cyber warfare etc.	

3.1.3 Classifications of Cyber Crime

Cyber Crime can be classified into four major categories. They are as follows:

- a) Cyber Crime against individuals: Crimes that are committed by the cyber criminals against an individual or a person. A few cyber crime against individuals are:
- Email spoofing: This technique is a forgery of an email header. This means that the message appears to have received from someone or somewhere other than the genuine or actual source. These tactics are usually used
- In spam campaigns or in phishing, because people are probably going to open an electronic mail or an email when they think that the email has been sent by a

Legitimate source[8].

• Spamming: Email spam which is otherwise called as junk email. It is unsought mass message sent through email. The uses of spam have become popular in the mid 1990sanditisaproblemfacedbymostemailusers now a days. Recipient's email addresses are obtained by spam bots, which are automated programs that crawls the internet in search of email addresses. The spammers use spam bots to create email distribution lists. With the expectation of receiving a few number of respond a spammer typically sends an email to millions of email

addresses.

- Cyber defamation: Cyber defamation means the harm that is brought on the reputation of an individual in the eyes of other individual through the cyber space [9]. The purpose of making defamatory statement is to bring down the reputation of the individual.
- IRC Crime(InternetRelay Chat): IRC servers allow the people around the world to come together under asingle platform which is sometime called as rooms and they chat to each other.
- Cyber Criminals basically uses it for meeting.
- ➤ Hacker uses it for discussing their techniques.
- ➤ Paedophiles use it to allure small children. A few reasons behind IRC Crime:
- Chat to win ones confidence and later starts to harass sexually, and then blackmail people for ransom, and if the victim denied paying the amount, criminal starts threatening to upload victim's nude photographs or video on the internet.
- A few are paedophiles, they harass children for theirown benefits.
- ➤ A few uses IRC by offering fake jobs and sometime fake lottery and earns money [10].
- Phishing: In this type of crimes or fraud the attackers

tries to gain information such as login information or account's information by masquerading as a reputable individual or entity in various communication channels or in email.

Some other cyber crimes against individuals includes- Net extortion, Hacking, Indecent exposure, Trafficking, Distribution, Posting, Credit Card, Malicious code etc. The potential harm of such a malefaction to anindividual person can scarcely be bigger.

- b) Cyber Crime against property: These types of crimes includes vandalism of computers, Intellectual (Copyright, patented,trademark etc)Property Crimes,Online threatening etc. Intellectual property crime includes:
- Software piracy: It can be describes as the copying of software unauthorizedly.
- Copyright infringement: It can be described as the infringements of an individual or organization'scopyright. Insimpletermit can also be describes as the using of copyright materials unauthorizedly such as music, software, text etc.
- Trademark infringement: It can be described as the using of a service mark or trademark unauthorizedly.
- c) Cyber Crime against organization: Cyber Crimes against organization are as follows:
- Unauthorizedchangingordeletingofdata.
- Reading or copying of confidential information unauthorizedly, but the data are neither being change nor deleted.
- DO Sattack: Inthisattack, the attacker floods theservers, systems or networks with traffic in order to overwhelm the victim resources and make it infeasible or difficult for the users to use them [11].
- Email bombing: It is a type of Net Abuse, where huge numbers of emails are sent to an email address in order to overflow or flood the mailbox with mails or to flood the server where the email address is.
- Salami attack: The other name of Salami attack isSalami slicing. In this attack, the attackers use an online database in order to seize the customer's information like bank details, credit card details etc. Attackerdeduces very little amounts from every account over a period of time. In this attack, no complaint is file and the hackers remain free from detection as the clients remain unaware of the slicing.

Some other cyber crimes against organization includes-Logical bomb, Torjan horse, Data diddling etc.

d) Cyber Crime against society: Cyber Crime against society includes:

- Forgery: Forgery means making of false document, signature, currency, revenue stamp etc.
- Web jacking: The term Web jacking has been derived from hi jacking. In this offence the attacker creates afake website and when the victim opens the link a new page appears with the message and they need to click another link. If the victim clicks the link that looks realhe will redirected to a fake page. These types of attacks are done to get entrance or to get access and controlsthe site of another. The attacker may also change the information of the victim's webpage.

3.1.4 Safety in cyberspace

List are some points, one should keep in mind while surfing the internet:

 If possible always use a strong password and enable 2 steps or Two-step authentication in the webmail. It is very important in order to make your webmail or your social media account secured.

Guideline of strong password:

- > Passwordshouldbeofminimumeightcharacters.
- Oneormorethanoneoflowercaseletter, uppercase letter, number, and symbol should be included.
- ➤ Replacethealikecharacter.

Example- instead of O wecanuse0, instead of lower casel we can use I etc.

Example of strong password: HelL0 (% there%); Thing need to avoid while setting the password:

- ➤ Never use a simple password that can easily be decrypt Example-password
- Personal information should never set as a password.
- Repeating characters should be avoided. Example-aaaacc
- Using of same password in multiples ites should be avoided.

Whatis2steporTwo-stepauthentication?

This is an additional layer of security that requires your user name and the password also a verification code that is sent via SMS to the registered phone number. A hacker may crack your password but without the temporary and unique verification code should not be able to access your account.

- Nevershareyourpasswordtoanyone.
- Never send or share any personal information like bank account number, ATM pin, password etc over an unencrypted connection including unencrypted mail.
 Websites that doesn't have the lock icon and https onthe address bar of the browser are the unencrypted site. The "s" stands for secure and it indicates that thewebsite is secure.
- Don't sign to any social networking site until and unless

one is not old enough.

- Don'tforgettoupdatetheoperatingsystem.
- Firewalls, anti-virus and anti-spyware software should be installed in ones PC and should be regularly updated.
- Visitingtoun-trustedwebsiteorfollowingalinksendby an unknown or by an un-trusted site should be avoided.
- Don'trespondtospam.
- Make sure while storing sensitive data in the cloud is encrypted.
- Try to avoid pop-ups: Pop-ups sometimes comes with malicious software. When we accept or follow the popupsadownloadisperformedinthebackgroundandthat downloaded file contains the malware or malicious software. This is called drive-by download. Ignore the pop-ups that offer site survey on ecommerce sites or similar things as they may contain the malicious code.

3.1.5 Cyber Crime's scenario in India (A Few Case study)

a) The Bank NSP Case

In this case a management trainee of a bank got engagedto a marriage. The couple used to exchange many emails using the company's computers. After some time they had brokenuptheirmarriageandtheyoungladycreatedsome fake email ids such as "Indian bar associations" and sent mails to the boy's foreign clients. She used the banks computer to do this. The boy's company lost a huge number of clients and took the bank to court. The bank was held liable for the email ssent using the bank's system.

b) Bazee.com case

In December 2004 the Chief Executive Officer ofBazee.com was arrested because he was selling a compact disk (CD) with offensive material on the website, and even CDwasalso conjointly sold-outin the market ofDelhi.The Delhi police and therefore the Mumbai Police got into action and later the CEO was free on bail.

c) Parliament Attack Case

The Bureau of Police Research and Development, Hyderabad had handled this case. A laptop was recovered from the terrorist who attacked the Parliament. The laptop which was detained from the two terrorists, who were gunned down on 13th December 2001 when the Parliament was under siege, was sent to Computer Forensics Division of BPRD. The laptop contained several proofs that affirmed the two terrorist's motives, mainlythe sticker of the Ministry of Home that they had created on the laptop and affixed on their ambassador car to achieve entry into Parliament House and the fake ID card that one of the two terrorists was carrying with a Government of India emblem and seal. The emblems

(of the 3 lions) were carefully scanned and additionally the seal was also craftly created together with a residential addressofJammuandKashmir. However careful detection proved that it was all forged and made on the laptop.

Andhra Pradesh Tax Case

The owner of the plastics firm in Andhra Pradesh was arrested and cash of Rs. 22 was recovered from his house by the Vigilance Department. They wanted evidence from him concerning the unaccounted cash. The suspected person submitted 6,000 vouchers to prove the legitimacy of trade, however when careful scrutiny the vouchers and contentsofhis computersitunconcealedthatevery one ofthem were made after the raids were conducted. It had been concealed that the suspect was running 5 businesses beneath the presence of 1 company and used fake and computerized vouchers to show sales records and savetax. So the dubious techniques of the businessman fromthe state were exposed when officials of the department got hold of computers utilized by the suspected person.

f) SONY.SAMBANDH.COM CASE

India saw its 1stcybercrime conviction. This is the case where Sony India Private Limited filed a complaint that runs a website referred to as www.sony-sambandh.com targeting the NRIs. The website allows NRIs to send Sony products to their friends and relatives in India after they pay for it online. The company undertakes to deliver the products to the involved recipients. In May 2002, somebody logged onto the web site underneath the identity of Barbara Campa and ordered a Sony colour television set and a cordless head phone. She requested to deliver the product to Arif Azim in Noida and gave the number of her credit card for payment. The payment was accordingly cleared by the credit card agency and the transaction processed. After the related procedures ofdues diligence and checking, the items were delivered to Arif Azim by the company. When the product was delivered, the company took digital pictures so as to indicate the delivery being accepted by Arif Azim. The transaction closed at that, but after one and a half months the credit card agency in formedthecompany thatthis was an unauthorized transaction as the real owner had denied having made the purchase. The company had filed a complaint for online cheating at the CBI that registered a caseundertheSection418, Section419andSection420 of the IPC (Indian Penal Code). Arif Azim was arrested after the matter was investigated. Investigations discoveredthat Arif Azim, whereas acting at a call centre in Noida did gain access to the number of the credit card of anAmerican national which he misused on the company's site. The CBI recovered

the color television along with the cordless head phone. In this matter, the CBI had proof to prove their case so the accused admitted his guilt. The court had convicted Arif Azim under the Section 418, Section 419 and Section 420 of the IPC, this being the first time that a cybercrime has been convicted. The court, felt that since the defendant was a boy of 24 years and a first- time convict, a compassionate view needed to be taken. Thus, the court discharged the defendant on the probation for one year.

Some, Section 67 and Section 70 of the IT Act are also applied. In this case the hackers hacks ones webpage and replace the homepage with pornographic or defamatory page.

• IntroducingViruses,Worms,Torjanetc

Anyone who introduce any sort of malicious programs that can gain access to other's electronic device without victim's permissions, provisions applicable for such offences are under Section 63, Section 66, Section 66A of the IT Act and Section 426 of the IPC.

Cyber Pornography

Though pornography is banned in some countries, it is can be considered as the largest business on theinternet. Provisions Applicable for such crimes areunder Section 67, Section 64A and Section 67B of the IT Act.

• Source Code Theft

Provisions applicable for such crimes are under Section 43, Section 66 and Section 66B of the IT Act [12].

3.2.2 CYBER LAW

Cyber Law took birth in order to take control over the crimes committed through the internet or the cyberspace or through the uses of computer resources.

Description of the lawful issues that are related to the uses of communication or computer technology can be termed as Cyber Law.

3.2.1 What is the importance of CyberLaw?

Cyber law plays a very important role in this new epoch of technology. It is important as it is concerned to almost all aspects of activities and transactions that takeplace either on the internet or other communication devices. Whether we are aware of it or not, but each action and each reaction in Cyberspace has some legal and Cyber legal views [13].

3.2.2 Cyber Law awareness program

Once should have the following knowledge in order to stay aware about the cyber crime:

- Oneshouldreadthecyberlawthoroughly.
- BasicknowledgeofInternetandInternet'ssecurity.
- Readcybercrime'scases.Byreadingthosecasesonecan be aware from such crimes.

- Trustedapplication from trusted site can be used for protection of one's sensitive information or data.
- Technology'simpactoncrime.

3.2.3 The Information Technology Act of India, 2000

According to Wikipedia "TheInformation Technology Act, 2000(also known as ITA-2000, or theIT Act) is an act of theIndianParliament(no21of2000),itwasnotifiedon

17thOctober2000.ItisthemostimportantlawinIndiathat deals with the digital crimes or cyber crimes and electronic commerce.ItisbasedontheUnitedNations Model Law on Electronic Commerce 1996 (UNCITRAL Model) recommended by the General Assembly of United Nations by a resolution dated 30 January 1997" [14].

Some key points of the Information Technology (IT) Act 2000 are as follows:

- E-mail is now considered as a valid and legal form of communication.
- DigitalsignaturesaregivenlegalvaliditywithintheAct.
- Act has given birth to new business to companies to issue digital certificates by becoming the Certifying Authorities.
- This Act allows the government to issue notices on internet through e-governance.
- The communication between the companies or between the company and the government can be done through internet.
- Addressing the issue of security is the most important feature of this Act. It introduced the construct of digital signatures that verifies the identity of an individual on internet.
- In case of any harm or loss done to the company by criminals, the Act provides a remedy in the form of money to the company [15].

3.5.4 Cyber Law in India

Following are the sections under ITAct, 2000

1. Section 65- Temping with the computers source documents

Whoever intentionally or knowingly destroy, conceal or change any computer's source code that is used for a computer, computer program, and computer system or computer network.

Punishment:

Any person who involves in such crimes could be sentenced upto 3 years imprisonment or with a fine of Rs. 2 lakes or with both.

2. Section 66- Hacking with computer system, data alteration etc

Whoever with the purpose or intention to cause any loss, damage or to destroy, delete or to alter any information that

resides in a public or any person's computer. Diminish its utility, values or affects it injuriously by any means, commits hacking.

The communication between the companies or between the company and the government can be done through internet. Addressing the issue of security is the most important feature of this Act. It introduced the construct of digital signatures that verifies the identity of an individual on internet. In case of any harm or loss done to the company by criminals, the Act provides a remedy in the form of money to the company [15].

3.2.4 Cyber Law in India

Following are the sections under ITAct,2000 1. Section 65-Temping with the computers source documents Whoever intentionally or knowingly destroy, conceal or change any computer's source code that is used for a computer, computer program, and computer system or computer network.

Punishment:

Any person who involves in such crimes could be sentenced upto 3 years imprisonment or with a fine of Rs. 2 lakes or with both.

2. Section 66- Hacking with computer system, data alteration etc

Whoever with the purpose or intention to cause any loss, damage or to destroy, delete or to alter any information that resides in a public or any person's computer. Diminish its utility, values or affects it injuriously by any means, commits hacking.

Punishment:

Any person who involves in such crimes could be sentenced upto 3 years imprisonment, or with a fine that may extend upto 2 lakhs rupees, or both [16].

- 3. Section 66A- Sending offensive messages through any communication services
- Any information or message sent through any communication services this is offensive or has threatening characters.
- Any information that is not true or is not valid and issent
 with the end goal of annoying, inconvenience, danger,
 insult, obstruction, injury, criminal intention, enmity,
 hatred or ill will.
- Any electronic mail or email sent with the end goal of causing anger, difficulty or mislead or to deceive the address about the origin of the messages.

Punishment:

Any individual found to commit such crimes under this section could be sentenced upto 3 years of imprisonment along with a fine.

4. Section 66B-Receiving stolen computer's resources or communication devices dishonestly

Receiving or retaining any stolen computer, computer's resources or any communication devices knowingly or having the reason to believe the same.

Punishment:

Any person who involves in such crimes could be sentenced either description for a term that may extend upto 3 years of imprisonment or with a fine of rupee 1lakh or both.

5. Section 66C-Identify theft

Using of one's digital or electronic signature or one's password or any other unique identification of any person is a crime.

Punishment:

Any person who involve in such crimes could be sentenced either with a description for a term which may extendupto 3 years of imprisonment along with a fine that may extend upto rupee 1 lakh.

6. Section 66D- Cheating by personation by the use of computer's resources

Whoever tries to cheats someone by personating through any communication devices or computer's resources shall be sentenced either with a description for a term that may extend up to 3 years of imprisonmental on gwith a fine that may extend up to rupe e 1 lakh.

7. Section 66E-Privacy or violation

Whoever knowingly or with an intention of publishing, transmitting or capturingimages of private areas or private parts of any individual without his/her consent, that violets the privacy of the individual shall be shall be sentenced to 3 years of imprisonment or with a fine not exceeding more than 2 lakhs rupees or both.

8. Section66F-Cyber terrorism

- A. Whoever intentionally threatened the integrity, unity, sovereignty or security orstrike terror among the people or among any group of people by-
- I. Denytoanypeopletoaccesscomputer's resources.
- Attempting to break in or access a computer resource without any authorization or to exceed authorized access.
- III. Introducing any computer's contaminant, and through such conducts causes or is probable to cause any death or injury to any individual or damage or any destruction of properties or disrupt or it is known that by such conduct it is probable to cause damage or disruptions of supply or services that are essential to the life of people or unfavorably affect the critical information's

- infrastructure specified under the section 70 of the IT Act
- B. By intention or by knowingly tries to go through ortriestogainaccesstocomputer's resources without the authorization or exceeding authorized access, and by such conducts obtains access to the data, information or computer's database which is limited or restricted forcertain reason because of these curity of the state or foreign relations, or any restricted database, data or any information with the reason to believe that those data or information or the computer's database obtained may use to cause or probably use to cause injury to the interest of the independence and integrity of our country India.

Punishment:

Whoever conspires or commits such cyber crime or cyber terrorism shall be sentenced to life time imprisonment.

9. Section 67- Transmitting or publishing obscene materials in electronic form

Who ever transmits or publishes or cause to publish any obscene materials in electronics form. Any material that is vulgar or appeal to be lubricious or if its effect is for instance to tends to corrupt any individual who are likely to have regard to all relevant circumstances to read or to see or to hear the matter that contained in it, shall be sentenced on the first convict with either description for a term that may extend upto five years of imprisonment along with a fine which may extend upto 1 lakh rupee and in the second or subsequent convict it can be sentenced either description for a term that may extend upto ten years along with a fine that may perhaps extend to two lakhs rupees.

10. Section 67A- Transmitting or publishing of materials that contains sexually explicit contents, acts etc in electronics form

Whoever transmits or publishes materials that contains sexually explicit contents or acts shall be sentences for either description for a term which may extend upto 5 years or imprisonment along with a fine that could extend to 10 lakhs rupees in the first convict. And in the event of the second convict criminal could be sentenced for either description for a term that could extend upto 7 years of imprisonment along with a fine that may extend upto 20 lakhs rupees.

11. Section 67B- Transmitting or publishing of materials that depicts children in sexually explicit act etc in electronics form

Whoever transmits or publishes any materials that depict children in sexually explicit act or conduct in any electronics form shall be sentenced for either description for a term which may extend to 5 years of imprisonment with a fine that could extend to rupees 10 lakes on the first conviction. And in the event of second conviction criminals could be sentenced for either description for a term that could extend to 7 years along with a fine that could extend to rupees 10 lakes.

12. Section 67C- Retention and preservation of information by intermediaries

- I. Intermediaries shall retain and preserve such information that might specify for such period and insuch a format and manner that the Central Government may prescribe.
- II. Any intermediaries knowingly or intention ally contravene the provision of the sub-section.

Punishment:

Whoever commits such crimes shall be sentenced for a period that may extend upto 3 years of imprisonment and also liable to fine. Section 69- Power to issue direction for monitor, decryption or interception of any information through computer's resources

- I. Where the Central government's or State government's authorized officers, as the case may be in this behalf, if fulfilled that it is required or expedient to do in the interest of the integrity or the sovereignty, the security defence of our country India, state's security, friendly relations with the foreign states for preventing any incident to the commission of any cognizable offences that is related to above or investigation of any offences that is subjected to the provision of sub-section (II). For reasons to be recorded writing, direct any agency of the appropriate government, by order, decrypt or monitoror cause to be intercept any information that is generated or received or transmitted or is stored in any computer's resources.
- II. The safeguard and the procedure that is subjected to such decryption, monitoring or interception may carried out, shall be such as may be prescribed.
- III. The intermediaries, the subscribers or any individual who is in the charge of the computer's resources shall call upon by any agencies refer redto the sub-section (I), extends all services and technical assistances to:
- a) Providing safe access or access to computer's resources receiving, transmitting, generating or to store such information or
- b) Decrypting, intercepting or monitoring the information, as the case might be or
- c) Providinginformationthatisstoredincomputer.
- IV. The intermediaries, the subscribes or any individualwho fails to help the agency referred in the sub-section (III), shall

be sentenced for a term that could extend to 7 years of imprisonment and also could be legally responsible to fine [17]. There are many other sections in the IT Act, 2000 among them a few important sections one should know are as follows: Table-2: Afewimportant sections one should know are as follows: Table-2: Afewimportant sections one should know are as follows: Table-2: Afewimportant sections one should know are as follows: Table-2: Afewimportant sections one should know are as follows: Table-2: Afewimportant sections one should know are as follows: Table-2: Afewimportant sections one should know are as follows: Table-2: Afewimportant sections one should know are as follows: Table-2: Afewimportant sections one should know are as follows: Table-2: Afewimportant sections one should know are as follows: Table-2: Afewimportant sections one should know are as follows: Table-2: Afewimportant sections one should know are as follows: Table-2: Afewimportant sections one should know are as follows: Table-2: Afewimportant sections one should know are as follows: Table-2: Afewimportant sections one should know are as follows: Table-2: Afewimportant sections one should know are as follows: Table-2: Afewimportant sections one should know are as follows: Table-2: Afewimportant sections one should know are as follows: Table-2: Afewimportant sections one should know are as follows: Table-2: Afewimportant sections on table sections of table sections of table sections on table sections of table se

Offences	Sec.underITAct,2000
DamagetoComputer,Computer System etc.	Section43
Power to issue direction for blocking from public access of any information through any computer's resources.	Section69A
Powertoauthorizetocollect trafficinformationordataand	Section69B

4. CONCLUSIONS

The rise and proliferation of newly developed technologies begin star to operate many cybercrimes in recent years. Cybercrime has become great threats to mankind. Protection against cybercrime is a vital part for social, cultural and security aspect of a country. The Governmentof India hasenacted ITAct, 2000 to deal with Cybercrimes. The Act further revise the IPC, 1860, the IEA (Indian Evidence Act), 1872, the Banker's Books Evidence Act 1891 and the Reserve Bank of India Act, 1934. Anypart of the world cyber crime could be originated passing national boundaries over the internet creating both technical and legal complexities of investigating and prosecuting these crimes. The international harmonizing efforts, coordination and co-operation among various nations are required to take action towards the cyber crimes.

Our main purpose of writing this paper is to spread the content of cyber crime among the common people. At the end of this paper "A brief study on Cyber Crime and Cyber Law's of India" we want to say cyber crimes can never be acknowledged. If anyone falls in the prey of cyber attack, please come forward and register a case in your nearest police station. If the criminals won't get punishment for their deed, they will never stop.

ACKNOWLEDGEMENT

We express our sincere gratitude and thanks to Mr. AmlanJyotiBaruah (Assistant Professor, Computer Science and Engineering) of The Assam Kaziranga University for his

valuable guidance, and support and kind co-operation during preparation of this paper and helping us in writing this review paper successfully.

REFERENCES

- [1] www.tigweb.org/action-tools/projects/download/4926.doc
- [2] https://www.tutorialspoint.com/ information_security_cyber_law/introduction.htm
- [3] https://www.slideshare.net/bharadwajchetan/an-introduction-to-cyber-law-it-act-2000-india
- [4] http://www.academia.edu/7781826/IMPACT_OF_SOCIAL_ MEDIA_ON_SOCIETY_and_CYBER_LAW
- [5] https://cybercrime.org.za/definition
- [6] http://vikaspedia.in/education/Digital%20Litercy/informati on-security/ cyber-laws
- [7] https://www.ijarcsse.com/docs/papers/Volume_3/5_ May 2013/V3I5-0374.pdf
- [8] http://searchsecurity.techtarget.com/definition/emailspoofing
- [9] http://www.helplinelaw.com/employment-criminal- and-labour/CDII/cyber-defamation-in-india.html
- [10] http://ccasociety.com/what-is-irc-crime/
- [11] http://searchsecurity.techtarget.com/definition/denial-of-service [12]http://niiconsulting.com/checkmate/2014/06/it-act-2000-penalties-offences-with-case-studies/
- [13] http://www.cyberlawsindia.net/cyber-india.html
- [14] https://en.wikipedia.org/wiki/Information_Technolo gy_ Act,_2000
- [15] https://www.ijarcsse.com/docs/papers/Volume_5/8_ August 2015/V5I8-0156.pdf