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CyberSecurity - Assignment

Case Studies

1. Pune Citybank Mphasis Call Center Fraud

- In 2005 US \$ 3,50,000 were dishonestly transferred from the citibank accounts of four US customers to few bogus accounts, the employees get the PIN's of customers in the name of helping hand to them and then various accounts were opened in Indian banks with fake names and they transferred money from the account of customers (of which they have the PIN) to these fake accounts, the crime was committed by ex-employees of Mphasis call center using Unauthorized access to the electronic account of the customers and it was classified as cyber crime
- the above case falls under the section 66 and section 43, the persons involved in it were prisoned and they had to give fine of 1cr per victim.

2. State of TamilNadu vs Suhas Kutti

- This case is related to the posting of obscene, defamatory and annoying messages about a divorced woman by the accused (who was a close friend to her and has a desire to marry her) who has created a fake e-mail account in the name of victim and posting annoying messages on that, the lady also got irritating calls from person who believed her to be a courtesan, all this was creating heavy damage to the victim
- the case was filed and later the accused was arrested later he revealed that he was reluctant to marry her so he took up harassment through the internet, he was found accused under section 67 of IT-act-2000 and 469 and 509 under IPC

3. Shreya Singhal vs UOI

- Two women were arrested as they posted allegedly offensive and objectionable comments on Facebook concerning the complete shutdown of Mumbai after the demise of a political leader and since they were using a computer resource to spread an offensive and false messages / information so,
- they were penalized under section 66A of IT Act 2000

4. BSNL Unauthorized Access

- In this case the Joint Academic Network (JANET) was hacked by the accused and after that he denied access to the authorized users by changing passwords, along with deleting and adding files, he also made changes in BSNL computer database in their internet users accounts.
- the person accused of unethical access to system and hence he was sent to prison under the section 420 of IPC and section 66 of IT Act -2000.

Analysis of case studies

case No.	analysis
1	The ex-employees were able to do the crime since they were aware of the details of some customers, since they know about PIN number of the customers they were able to do the crime
2	The accused was able to do the crime since he was one of the close friend of the victim and that's why he was able to post offensive things about her on internet etc. so the loophole lies here is that if the criminal has sufficient information about the person he/she can exploit the information in order to trouble the victim.
3	This is the straight forward case in which some persons have exploited the social media to spread wrong things etc.
4	This is the case of getting remote access to a computer resource or system using some hacking techniques or other and eventually exploiting the system vulnerabilities and denying customers to use the services.