

Statistics of Cyber Crime and Cyber Fraud in India

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Abstract

There has been a significant increase in reliance of businesses and individuals on technology over the years. This has revolutionized businesses and communication. However, this leaves us exposed to threats of Cyber Crime. Cyber crime is a crime committed using Internet services. These crimes range from crimes lead to physical or mental harm or financial losses to the victims. These crimes might also cause damage to the society as a whole. Cyber Terrorism is one such grave activity falling under Cyber Crimes. An Internet fraud or Cyber fraud is the use of Internet services to defraud victims in order to gain financial benefits. These frauds include online credit card theft, identity theft and no delivery of products purchased online. Internet services can be used to advertise products that are either nonexistent or of low quality or make false claims about certain products in order to persuade the victims into purchasing them. A majority of banks in India offer online and mobile banking services. Most of the transactions are conducted via debit, credit or ATM cards. Consequently, banks as well as other financial institutions in India are becoming increasingly vulnerable to cyber attacks. Cyber frauds have become organised crimes and are deployed increasingly using sophisticated methods of perpetration. The need of the hour is to fight these fast spreading cybercrimes. According to the PwC Global Economic Crime Survey 2014, cybercrime was one of the top economic crimes reported by organisations across the world, including India. India registers 40% rise in cyber crime with over 60k cyber fraud cases till June 2014. This study attempts to understand the patterns in Cyber crimes and Cyber Frauds committed in India in last few years by analyzing the no. of cases registered against and arrests made of individuals belonging to different age groups and different states in India.

Keywords: Cyber Crime, Cyber Fraud, Phishing, Spam, Malware, Denial of Service Attack

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