



ACADEMICIA
An International
Multidisciplinary
Research Journal
 (Double Blind Refereed & Peer Reviewed Journal)



DOI: 10.5958/2249-7137.2021.01389.6

IT AND INFORMATION SECURITY

Dr. S. Kanchana Ratnam*; T.T. Rajkumar**

*Asst. Professor,
 INDIA

Email id: kanchanaravindran@gmail.com,

**Ph.D. Scholar,
 Member of Madras Management of Association (MMA),
 INDIA

Email id: tsqraj@yahoo.com;

ABSTRACT

Internet has come to stay in all activities of most of the people who carry out transactions such as reservation for journey, payment of bills, bank transactions, medical prescriptions and so on and so forth in their everyday life. Such activities involve handling of storage and retrieval of information. When computers became popular in public use, the devices were of standalone nature. Therefore there was no problem for individuals or organisations in ensuring the security of information stored in the computers. However, with the connectivity of computers with outside world through Internet the information held privately in computer became accessible to unknown persons who could play mischief by hacking, phishing, etc. That is, information stored in computers fallen prey to unscrupulous and unauthorised persons for manipulations by them. Sometime ago, strangers entered the house of a owner of private company running the business of employment exchange at mid of night, opened his computer and attempted to steal the data of prospective candidates who had applied for job. On hearing the commotion the owner woke up and the thieves ran away. The number of such cyber crimes have increased recently thus putting at grave risk the business of corporations. Of late, there have been a large number of cases of abuse of computer information. In this modern age of widespread internet use for various business activities of an organization, it has unwittingly exposed the confidential information of these organizations to hackers and antisocial elements. This has endangered the security of information of the organizations to very high level of risks. Classified information at the hands of anti-social elements could jeopardize the security of the country too. Information Security

(IS) is the most important aspect of IT and its risk management helps the organizations to identify and manage the potential risks associated with information and information technology in a cost-effective way.

KEYWORDS: *Widespread, Anti-Social, Jeopardize, Unwittingly*

REFERENCES

Bisaerts, D., (2010), "ABN-Amro Loses 5.6 million Euro in Cyber theft," Information Security News, Wednesday, 22 December.

Bisaerts, D., (2011), "Dutch Police Closes Websites from 2 Escort Agencies," Information Security News, Tuesday, 11 January.

Boddy, D., Boonstra, A., Kennedy, G., (2008), "Managing Information Systems: Strategy and Organisation," Pearson Education Limited, Essex, England, Third Edition.

Chatterjee, M., (2009), "Spooks Want Govt to Block Skype," The Times of India, Saturday, October 3, Vol. 2, Issue 234, pp. 1.

FinCen, (2003), "Fraudulent Use of Canada Post Money Orders," Financial Crimes of Enforcement Network, United States Department of Treasury, December 2003.

Guido, (2011), "US Cyber security Research Lab Hacked," Information Security News, Wednesday, 20 April.

Peter, P., (2010), "Crime Branch Launches Hunt for Kingpin of Credit Card Scam," The Hindu, July 31.

Rajghatta, C., (2009), "BA Goofs up, Sells \$40 Round-trip tickets to India," Sunday Times, October 11, pp. 1.

Revkin, A.C. and Broder, J.M., (2009), "Leaked Emails Give Naysayers Ammo," Times Global, The Times of India, Tuesday, December 9, Vol. 2, Issue 290, pp. 11.

Umstead, M., (2010), "Former Red Cross Worker Charged with Embezzling Agency's Funds," The Herald Mail, MAY 24.

Vijay Kumar, S., (2010), "Two Engineering Graduates Held for Fraud," The Hindu, Vol. 133, No. 32, February 8, pp. 1.