

Cyber Security : A Threat Or An Opportunity

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INTRODUCTION

India has witnessed steep rise in increase of internet connected device in past few year. The digital India initiative after the launch of aggressive bandwidth pricing by Jio and other companies, have enhanced the digital penetration in Indian population to more than 680 million active users by January 2020. This trend is likely to further increase with the government schemes like fibre optics-based connectivity to villages and PM Wani (free Wi-Fi for public consumption). The increase in internet usage is a requirement now, not only because of the increased usage of social media but the other services offered by Govt. of India, digital payments of banks and Service providers including gas, electricity, taxes etc. This increase of human presence in cyberspace has attracted new kind of frauds, espionage activities and competitions. India become the second largest consumer market in internet domain and is more prone to such cyber activities.

There is a saying in the cyber world that “If you are connected to Internet, your data and security is compromised. Either you do not know about it or you are fooling yourself.” Unfortunately, the cyber security threats are omni present and they are available for anybody, who relates to the internet. They are beyond the geographical boundaries. It is expected that cybercrimes will cost the world \$10.5 trillion annually by 2025.