

Preamble:-

Information & Network Security, which is also referred to as security & privacy, is the protection of information against unauthorized disclosure, transfer, modifications, disclosures whether accidental or intentional, application (e.g., email, data loss, firewalls, mobile device) security, behavioral & data analytics, network segmentation, security information & event security, VPN, web and text mining etc. In today's scenario computer networking is the key to flow of information and quality of service. Now a day's internet of things (IoT) and Big-data play important role with intelligence with devices i.e. sensors and actuators manage a smart home with an internet connection. Wired and wireless sensors are incorporated into the security.

Information & Network security also helps us protecting proprietary information from attack, i.e. cyber-attack could be in many forms including viruses, worms, website defacing, distributed denial of service (DDoS), circulation of spam, and phishing attacks etc. Information security needs to be addressed at all levels, from the individual user to an organization and beyond to that of the government and nation. Information Security is becoming synonymous with nation security as the computer networking, which is vulnerable to attack, forms the backbone of critical infrastructure of the country backing power, communication network etc.

Vision:-Information security is an emerging area. At present there are not many information security professionals in general in the country. Also, the information security awareness level is low. This necessitates development of specialized manpower. The aim is to produce graduates who will be leaders in the field of information security, research and academic organizations.

Mission:-India being a technology hub of the world and leader in the area of Information Technology needs technology experts to explore and work on challenging areas in Information Technology. Department of Computer Science and Engineering under School of Engineering and Technology imparts such technical skills in the graduates enabling them to work in challenging arenas of Information Technology. Students will be trained with latest technologies and inculcate the zeal of innovation to explore new arenas in Information Technology and security