Assignment 3

Cyber Security (CS503)

Q.1) Explain the IT Act, 2000 in detail?

Ans:  The Information Technology Act, 2000  was commenced on 17th October 2000 which provides a legal framework for electronic governance by giving recognition to electronic records and digital signatures.

It also defines cyber-crimes and prescribes penalties for them. The Act directed the formation of a Controller of Certifying Authorities to regulate the issuance of digital signatures.

However, the main motive of this Act is to provide legal recognition for transactions carried out by means of electronic data interchange and other means of electronic communication commonly known as E-commerce.

There are total 94 sectors, 13 chapters, and 4 schedules.

* **Features of The Information Technology Act, 2000**
* The Information Technology Act defines in a new section that cyber cafe’s is any facility from where the access to the internet is offered by any person in the ordinary course of business to the members of the public.
* Digital signature has been replaced with electronic signature to make it a more technology neutral act.
* It provides for the constitution of the Cyber Regulations Advisory Committee.
* It outlines the Justice Dispensation Systems for cyber-crimes.

SOME IMPORTANT SECTIONS OF IT ACT 2000

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| --- | --- | --- | --- |
| SECTION | CRIME | PENALTY | |
| Imprisonment | fine |
| 65 | Tempering with computer source document | 3 yrs | 2.lacs |
| 66 | Hacking with computer system | 3 yrs | 5.lacs |
| 66B | Receiving any Stolen computer or communication device | 3 yrs | 1.lac |

* Amendment’s in 2008
* Section 66A- Penalise for sending of offensive images
* Section 69- Authorise power-interpretation monitor, decryption of any information through any companies resources.

2. What is Teenage Web Vandals, Cyber Fraud and Cheating? Explain its types in detail?