

Windows 10 devices”, Rohit Tamma. et al, Packt Publishing, Fourth Edition, 2020

(3). “Why Should I Care? to Protect Yourself and Your Organization from Today’s Mobile Computing Threats, 10 Simple Things You Can Do, Mobile Security For The Rest Of Us”, Veracode,

(4). “iPhone and iOS Forensics - Investigation, Analysis and Mobile Security for Apple iPhone, iPad, and iOS Devices”, Andrew Hoog, Katie Strzempka, Elsevier, 2011

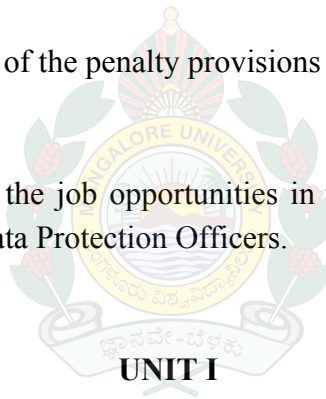
CSCS 506 : Cyber Laws

CO1 : To make the students aware of the different data privacy acts existing in India and worldwide.

CO2: To sensitize the students about the need to be compliant with the data privacy acts, as an Information governor.

CO3: To make the students aware of the penalty provisions available in the data privacy acts for any deviation.

CO4: To make students aware of the job opportunities in the field of cybersecurity due to the mandatory needs of officers like Data Protection Officers.



UNIT I

The Information Technology Act (IT Act), 2000 : Preliminary, Digital Signature And Electronic Signature, Electronic Governance, Attribution, Acknowledgement And Despatch Of Electronic Records, Secure Electronic Records And Secure Electronic Signature, Regulation Of Certifying Authorities, Electronic Signature Certificates, Duties Of Subscribers, Penalties, Compensation And Adjudication, The Appellate Tribunal, Offences, Intermediaries Not To Be Liable In Certain Cases, Examiner Of Electronic Evidence, Miscellaneous, Amendments As Introduced By The IT Amendment Act, 2008 **(12 hours)**

UNIT III

Personal Data Protection Bill(PDPB), 2019: Preliminary, Obligations Of Data Fiduciary, Grounds For Processing Of Personal Data Without Consent, Personal Data And Sensitive Personal Data Of Children, Rights Of Data Principal, Transparency And Accountability Measures, Restriction On Transfer Of Personal Data Outside India, Exemptions, Data Protection

Authority Of India, Penalties And Compensation, Appellate Tribunal, Finance, Accounts And Audit, Offences, Miscellaneous **(12 hours)**

UNIT III

General Data Protection Regulation(GDPR), 2018 of European Union : General provisions, Principles, Rights of the data subject, Controller and processor, Transfers of personal data to third countries or international organisations, Independent supervisory authorities, Cooperation and consistency, Remedies, liability and penalties, Provisions relating to specific processing situations, Delegated acts and implementing acts, Final provisions. **(12 hours)**

Text Books:

- (1). “The Information Technology Act”, 2000
- (2). “The Personal Data Protection Bill”, 2019
- (3). “General Data Protection Regulation(GDPR)”- Official Journal of the European Union, 2016, <https://gdpr-info.eu/>
- (4). “The Information Technology ACT”, 2008
- (5). “A Free and Fair Digital Economy, Protecting Privacy, Empowering Indians”- Expert Committee Report under the Chairmanship of Justice B.N. Srikrishna, 2018
- (6). “Computer Forensics and Cyber Crime An Introduction”- Marjie T. Britz, Pearson, Third Edition, 2013

CSCS 507 : eCommerce Site Security

CO1 : To assess the vulnerabilities available in a eCommerce website, with a written consent from the owner of the website.

CO2: To master various tools available for the eCommerce web penetration testing and to make sure that the reports are generated as per the legal requirements.

CO3: To understand all the strategic steps necessary to perform the web penetration testing