



MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR
FACULTY OF LAW
THIRD SEMESTER BACHELOR OF ARTS AND LAWS INTEGRATED

(Session 2020-21 onwards)

PAPER – V (PAPER CODE - **BAL305**) : (PAPER NAME - **INTRODUCTION TO INFORMATION TECHNOLOGY**)
III – SEMESTER

M.M 80

UNIT-I Fundamentals of Internet and cyber function

- Origin and history of Internet and www
- Advantages and disadvantages of the Internet
- Different types of networks
- Types of Internet Connections
- Protocols and their use
- Cyberspace
- Computer Viruses, Trojans and Worms
- Measures to Handle Computer Virus, Trojans and Worms

UNIT-II Digital signature and Electronic Signature

- Digital signatures
- Provisions relating to Electronic Signatures
- Legal recognition of electronic records
- Advantages and disadvantages of digital signature

UNIT-III Electronic Governance (e-governance)

- Legal Recognition of Electronic Records and Electronic Signature
- Meaning of verification
- Use of Electronic Records and Electronic Signature in Government
- Delivery of Services by Service Provider
- Retention of Electronic Records
- Audit of Documents etc., in Electronic form
- Publication of rules, regulation, etc. in Electronic Gazette
- Validity of contracts formed through electronic means
- Attribution of Electronic Records
- Acknowledgement of Receipt
- Time and place of dispatch and receipt of electronic record
- Directorate of Information Technology
- E-Governance in Rajasthan

UNIT – IV Penalties, compensation, Adjudication and the Appellate Tribunal

- Damage to computer, computer system, etc,

- Failure to protect data
- Failure to furnish information, return, etc.
- Contravenes of any rules or regulations
- Adjudication in case of contravention
- Appellate Tribunal
- Appeal to Cyber Regulations Appellate Tribunal
- Appeal to High court
- Compounding of Contravention
- Recovery of Penalty or compensation

UNIT-V Information Technology Crimes (Cyber Crimes)

- Cyber Crimes against Individuals, Institution and State
- Hacking
- Digital Forgery
- Cyber Stalking/Harassment
- Cyber Pornography
- Identity Theft & Fraud
- Cyber terrorism
- Computer related offences (Hacking with computer system, etc.)
- Sending offensive messages through communication service, etc.
- Different offences under IT Act, 2000

UNIT-VI Cyber Crime Investigation

- Cyber Crime Investigation
- Cognizance of IT offences
- Search and seizure of the computer or computer system
- Application of the Act to electronic cheque and truncated cheque
- Cyber forensics
- Cyber Video-conferencing
- Cyber crime investigating agencies in India
- Some of the methods used for investigation of Cyber crimes

UNIT-VII E-Banking and E- Commerce

- Definition of e-banking
- Electronic Payment System
- Mobile Banking, I-Banking
- Legal Issues in E- banking, Amendments to Negotiable Instruments Act, 1881,
- International Legal Practice regarding E- banking
- Meaning of e-commerce and e-Business
- Internet relevant to e-commerce
- Advantages and disadvantages of e-commerce

UNIT-VIII New challenges to information technology law

- Convergence of technologies
- Emergence of Internet as super media
- Legal Challenges, Convergence Bill
- Offences not covered under IT Act
- Emerging issues relating to IPR

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4. Richard Heins Ed., *Reinventing Government in the Information Age-International practice in IT Enabled Public Sector Reform*, London: Routledge Research in Information Technology and Society, 1999
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