



Cyber Space and Its Governance

**Block-1: CYBERSPACE: MEANING AND ITS
DEVELOPMENT**

| | |
|---|-----|
| UNIT-1 CYBERSPACE – AN OVERVIEW OF THE CONCEPT | 006 |
| UNIT-2 INHERENT CHARACTERISTICS OF CYBERSPACE | 015 |
| UNIT-3 FORMS OF CYBERSPACE REGULATIONS | 028 |
| UNIT-4 IT CYBERSPACE REGULATORY THEORY OF LAWRENCE LESSIG | 040 |

Block-2: FUNDAMENTALS OF CYBER LAW

| | |
|---|-----|
| UNIT-1 OUTLINE OF LEGISLATIVE FRAMEWORK FOR CYBER LAW | 050 |
| UNIT-2 HISTORY AND EMERGENCE OF CYBER LAW | 062 |
| UNIT-3 OUTREACH AND IMPACT OF CYBER LAW | 075 |
| UNIT-4 MAJOR AMENDMENTS IN VARIOUS STATUTES | 086 |

Block-3: PERSONAL JURISDICTION IN CYBERSPACE

| | |
|---|--|
| UNIT-1 ESTABLISHMENT OF PERSONAL JURISDICTION IN | |
|---|--|

| | |
|--|-----|
| CYBERSPACE | 098 |
| UNIT-2 OVERVIEW OF TESTS AND INTERACTIVITY | 109 |
| UNIT-3 JURISDICTIONAL APPROACHES OF ONLINE CONTRACT | 119 |
| UNIT-4 BASIS OF JURISDICTION AND INDIAN APPROACH | 129 |

Block-4: FREEDOM OF EXPRESSION IN CYBERSPACE

| | |
|--|-----|
| UNIT-1 INDIAN CONSTITUTION AND FREEDOM OF EXPRESSION | 139 |
| UNIT-2 EXAMINATION OF RIGHTS UNDER INDIAN LAWS | 148 |
| UNIT-3 THE LEGISLATIVE RESPONSES IN CYBERSPACE | 158 |
| UNIT-4 NATIONAL SOVEREIGNTY AND FREEDOM OF EXPRESSION | 170 |



BAOU
Education
for All

Dr. Babasaheb
Ambedkar Open
University

PGDCL-102

E-Commerce, E-Governance and E-Contract

Block-1: E-COMMERCE

| | |
|---|-----|
| UNIT-1 OVERVIEW OF E-COMMERCE | 006 |
| UNIT-2 HISTORICAL DEVELOPMENT AND REGULATORY FRAMEWORK OF E-COMMERCE | 020 |
| UNIT-3 SECURITY CHALLENGES AND FUTURE OF E-COMMERCE | 032 |
| UNIT-4 TAXING E-COMMERCE | 047 |

Block-2: E-GOVERNANCE

| | |
|---|-----|
| UNIT-1 HISTORICAL DEVELOPMENT AND CONCEPT OF E-GOVERNANCE | 059 |
| UNIT-2 LEGAL ISSUES AND REGULATORY FRAMEWORK OF E-GOVERNANCE | 072 |
| UNIT-3 NATIONAL E-GOVERNANCE PLAN (NeGP) | 088 |
| UNIT-4 INTEGRATED AND STATE MISSION MODE PROJECTS | 102 |

Block-3: E-CONTRACT

| | |
|--------------------------------------|-----|
| UNIT-1 OVERVIEW OF E-CONTRACT | 118 |
|--------------------------------------|-----|

| | |
|---|-----|
| UNIT-2 MAJOR ISSUES AND REGULATORY FRAMEWORK OF E- CONTRACTS | 129 |
| UNIT-3 COMPARATIVE ANALYSIS OF E-CONTRACT IN VARIOUS COUNTRIES | 141 |
| UNIT-4 EXERCISE OF JURISDICTION AND ISSUES RELATED THEREWITH | 150 |

Block-4: INTERNATIONAL PERSPECTIVE

| | |
|--|-----|
| UNIT-1 IMPORTANCE OF INTERNATIONAL ORGANIZATION IN E-COMMERCE | 161 |
| UNIT-2 OVERVIEW OF ENTITIES AND NGO'S INVOLVED IN E- COMMERCE | 173 |
| UNIT-3 IMPLEMENTATION OF MODEL LAW AND DEVELOPMENT IN INDIA | 186 |
| UNIT-4 DARK WEB AND INTERNATIONAL CYBER LAWS | 201 |



BAOU
Education
for All

**Dr. Babasaheb
Ambedkar Open
University**

PGDCL-103

Domestic Regulatory Framework

**Block-1: INFORMATIONAL TECHNOLOGY ACT,
2000(AMENDED IN 2008): BRIEF UNDERSTANDING**

| | |
|--|------------|
| UNIT-1 JURISDICTIONAL ASPECTS OF CYBER LAW | 006 |
| UNIT-2 BEST PRACTICES OF CYBER LAW ACROSS THE WORLD | 017 |
| UNIT-3 THE APPELLATE TRIBUNAL AND LATEST AMENDMENTS | 028 |
| UNIT-4 FACETS OF CYBERCRIME: OFFENCES, PENALTIES AND COMPENSATION | 037 |

**Block-2: DIGITAL SIGNATURE, ELECTRONIC SIGNATURE
AND LAWS RELATED TO CERTIFYING AUTHORITY OF
INDIA**

| | |
|--|------------|
| UNIT-1 DIGITAL AND ELECTRONIC SIGNATURE: CONCEPT AND PROCEDURE | 054 |
| UNIT-2 DIGITAL SIGNATURE CERTIFICATE | 066 |
| UNIT-3 REGULATION AND RESPONSIBILITIES OF CERTIFYING AUTHORITIES AND CONTROLLER OF CERTIFYING AUTHORITIES | 077 |

| | |
|---|------------|
| UNIT-4 ADDRESSING OFFENCES: PENALTIES AND COMPENSATION | 087 |
|---|------------|

**Block-3: LAWS RELATED TO E-SERVICE DELIVERY AND
SERVICE PROVIDERS**

| | |
|---|------------|
| UNIT-1 E-SERVICES DELIVERY LAWS IN INDIA | 100 |
|---|------------|

| | |
|---|------------|
| UNIT-2 RULES AND REGULATIONS RELATED TO CYBER CAFE | 111 |
|---|------------|

| | |
|---|------------|
| UNIT-3 RULES AND REGULATIONS RELATED TO SERVICE PROVIDER'S LIABILITY | 120 |
|---|------------|

| | |
|---|------------|
| UNIT-4 E-HEALTH AND REGULATORY FRAMEWORK | 131 |
|---|------------|

Block-4: LAWS RELATED TO DATA PROTECTION IN INDIA

| | |
|---|------------|
| UNIT-1 LAW RELATED TO SENSITIVE PERSONAL DATA IN INDIA | 144 |
|---|------------|

| | |
|---|------------|
| UNIT-2 LAWS RELATED TO ONLINE DEFAMATION | 155 |
|---|------------|

| | |
|---|------------|
| UNIT-3 BODY CORPORATE'S RESPONSIBILITIES FOR DATA PROTECTION | 166 |
|---|------------|

| | |
|-------------------------------------|------------|
| UNIT-4 RIGHT TO BE FORGOTTEN | 174 |
|-------------------------------------|------------|



Digital Records and Cyber Forensics

Block-1: INTRODUCTION TO FORENSIC CONCEPTS

| | |
|---|-----|
| UNIT-1 BASICS OF FORENSIC CONCEPTS | 006 |
| UNIT-2 OVERVIEW OF DIGITAL RECORDS AND CYBER FORENSICS | 026 |
| UNIT-3 INVESTIGATION PROCESS | 041 |
| UNIT-4 ELECTRONIC DISCOVERY: AN INTRODUCTION | 054 |

Block-2: CYBER FORENSICS PROCESS, STANDARDS AND CHALLENGES

| | |
|--|-----|
| UNIT-1 DIGITAL EVIDENCE AND PROCESSES INVOLVED IN DIGITAL FORENSICS | 066 |
| UNIT-2 OVERVIEW OF FIRST RESPONDER | 078 |
| UNIT-3 EVIDENCE MANAGEMENT AND ANTI-FORENSICS | 096 |
| UNIT-4 NETWORK INVESTIGATIONS | 112 |

Block-3: ROLE AND ANALYSIS OF CYBER FORENSICS

| | |
|---|-----|
| UNIT-1 COMPUTER FORENSICS AND ITS SIGNIFICANCE | 124 |
|---|-----|

| | |
|---|-----|
| UNIT-2 WINDOWS FORENSIC ANALYSIS | 133 |
| UNIT-3 DATA RECOVERY FUNCTION TESTING FOR DIGITAL FORENSIC TOOLS | 144 |
| UNIT-4 AVENUES FOR PROSECUTION AND GOVERNMENTS EFFORTS | 154 |

Block-4: CYBER FORENSICS FROM LAW ENFORCEMENT PERSPECTIVE

| | |
|--|-----|
| UNIT-1 COMPUTER FORENSICS AND THE PROCESS OF CONFISCATION | 167 |
| UNIT-2 RELEVANCE OF INDIAN EVIDENCE ACT TO CYBER FORENSICS | 180 |
| UNIT-3 CYBER FORENSIC LABS AND CHALLENGES BEFORE LAW ENFORCEMENT AGENCIES | 192 |
| UNIT-4 MOBILE NETWORK INVESTIGATIONS | 206 |