

 <b>NARSIMHA REDDY ENGINEERING COLLEGE</b> <b>UGC AUTONOMOUS INSTITUTION</b> Maisammaguda (V), Kompally - 500100, Secunderabad, Telangana State, India	Accredited by NBA & NAAC with 'A' Grade
	Approved by AICTE
	Permanently affiliated to JNTUH

## Department of Cyber Security

### CYBER LAWS

#### B Tech III Year I Sem

Course Code	Category	Hours/ Week			Credits	Maximum Marks		
		L	T	P		CIE	SEE	TOTAL
23CY512	Professional Elective	3	0	0	3	40	60	100
Contact Classes: 48	Tutorial Classes: Nil	Practical Classes: -				Total Classes:48		

#### Course Objectives

1. Gain an understanding of the evolution and jurisprudence of cyber law in India, including the IT Act 2000.
2. Learn about digital signatures, e-governance, and their legal implications under the IT Act.
3. Learn about the rules issued under The IT Act, 2000.
4. Understand the legal framework for electronic contracts, their formation, and international perspectives.
5. Explore taxation issues in cyber space, cyber crimes, electronic evidence, and their adjudication under the IT Act.

#### Course Outcomes

1. Learn evolution and key aspects of Indian cyber law, including recent amendments.
2. Gain knowledge about the legalities of digital signatures and the role of e-governance in the IT Act.
3. Gain knowledge about the rules and issues of the IT Act 2000
4. Develop an understanding of the legalities involved in electronic contracts and international conventions
5. Adapt in understanding and analyzing cybercrime, electronic evidence, and intellectual property rights in the context of IT.

#### UNIT - I

**Introduction:** History of Internet and World Wide Web, Need for cyber law, Cybercrime on the rise, Important terms related to cyber law. Cyber law in India: Need for cyber law in India, History of cyber law in India. Information Technology Act, 2000: Overview of other laws amended by the IT Act, 2000, National Policy on Information Technology 2012

**UNIT – II**

**Overview of the Information Technology Act, 2000:** Applicability of the Act, Important provisions of the Act: Digital signature and Electronic signature, Digital Signature under the IT Act, 2000, E- Governance Attribution, Acknowledgement and Dispatch of Electronic Records, Certifying Authorities, Electronic Signature Certificates, Duties of Subscribers, Penalties and Offences, Intermediaries

**UNIT – III**

Overview of rules issued under The IT Act, 2000, Electronic Commerce, Electronic Contracts, Cyber Crimes, Cyber Frauds.

**UNIT – IV**

**Regulatory Authorities:** Department of Electronics and Information Technology, Controller of Certifying Authorities (CCA), Cyber Appellate Tribunal, Indian Computer Emergency Response Team (ICERT), Cloud Computing, Case Law

**UNIT – V**

**Introduction to Cyber crime and procedure to report Cyber crime:** procedure to report cyber crime, some basic rules for safe operations of the computer and internet, the criminal law (amendment) act, 2013: legislative remedies for online harassment and cyber stalking in India

**TEXTBOOKS:**

1. Text book on “Cyber Law”, second edition, Pavan Duggal, Universal Law Publishing.
2. Text book on “Indian Cyber law on Cyber crimes”, Pavan Duggal

**REFERENCEBOOKS:**

1. Debby Russell and Sr.G.T Gangemi, "Computer Security Basics (Paperback)", 2nd Edition, O' Reilly Media, 2006
2. Thomas R. policies Peltier, and procedures: "Information Security A Practitioner's Reference", 2nd Edition Prentice Hall, 2004.
3. Kenneth J. Knapp, "Cyber Security and Global Information Assurance: Threat Analysis and Response Solutions", IGI Global, 2009.
4. Thomas R Peltier, Justin Peltier and John Blackley, "Information Security Fundamentals", 2nd Edition, Prentice Hall, 1996.

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