

BA.LL.B (HONS.) –IX-SEMESTER

INFORMATION TECHNOLOGY, CYBER SECURITY AND LAW

COURSE CODE:

Course Objectives: With rapid development in information technologies, broadening of cyber space, most of the tasks that humans do have become easy due to developing Internet of Things. On the other hand, it has also brought us various challenges to cyber security and safety. The main objective of this Course is to discuss about various technological law and policy issues covering wide aspects of cyber laws and cyber security.

Course Outcomes:

1. To understand the scope and nature of cyber space and activities happening in cyber space
2. To analyse various cyber security vulnerabilities and safeguards
3. To analyse global legal development in terms of cyber security
4. To identify and differentiate various types of cyber-crimes and other activities
5. To interpret and analyse Information Technology Act, 2000 with the help of various provisions and judicial decisions

UNIT I: Introduction to cyber space, information technology, cyber security, regulations in cyber space, jurisdiction issues in cyber space, interface of information technology, IoT and Cyber security, Cyber security and law, Introduction to Information Technology Act, 2000

UNIT II: Understanding cyber security in cyber space, Cyber Security Vulnerabilities and Cyber Security Safeguards, Choosing safe browsers for email security, Guidelines for securing password and Wi-Fi security, Guidelines for social media and basic Windows security, Guidelines for Smartphone security, Online Banking, Credit Card and UPI Security, Micro ATM, e-wallet and POS Security

UNIT III: Cyber Threats: Cyber Warfare, Cyber Crime, Cyber terrorism, Cyber Espionage, Censorship, Indecency, Pornography, cyber stalking, phishing, dissemination of obscene material, defamation, hacking/cracking, morphing etc.,

UNIT IV: Cyber Security Regulations & cooperation at Global level, RuNet Law, New York Cyber Security Regulations, California Internet of Things Cyber Security Law, European Cyber Security Framework, Chinese regulatory approach on cyber security, Cyber Security Initiatives in India, National Cyber Security Policy 2013

UNIT V: Information Technology Act, 2000, Digital Signature, E-governance, Regulation of Certifying Authorities, Offences, Penalties, Compensation and Adjudication, Intermediary liability, Electronic evidence and its relevance under Indian Evidence Act, 1872, UNCITRAL Model Law, Cyber Forensics

Text Books:

1. Justice Yatindra Singh, Cyber Laws, 6th Edition, Universal Publishing, 2016
2. Pavan Duggal, Cyber Law, 2nd Edition, Universal Publishing, 2017
3. Sunit Belapure and Nina Godbole, Cyber Security: Understanding Cyber Crimes, Computer Forensics and Legal Perspectives, Wiley India, 2011.

