

Course : 604 : E Business and Cyber Laws

Course Code	604
Course Title	E Business and Cyber Laws
Credit	4
Teaching per Week	4 Hrs
Minimum weeks per Semester	15 (Including Class work, examination, preparation, holidays etc.)
Last Review / Revision	June 2018
Purpose of Course	To provide fundamental knowledge of E Business and Cyber Laws
Course Objective	To Impart fundamental Knowledge of E Business and Cyber Laws
Pre-requisite	Knowledge of Fundamental of Computers, Computer Networks
Course Out come	Students will be able to understand E Business , Cryptocurrency, Blockchain, Cyber Security and Cyber Laws
Course Content	<p>Unit 1 : E Commerce</p> <p>1.1 E Business 1.2 E Business Models 1.3 The Technologies and Infrastructural requirements of E-Commerce 1.4 Advantages and Disadvantages of E-Commerce 1.5 International issues of Electronic Commerce 1.6 Types of business transactions (B2B), (B2C), (B2G), Business Processes 1.7 Digital India Services, Digi Locker and other tools</p> <p>Unit 2 : Introduction to E Payments</p> <p>2.1 Digital payments requirements 2.2 Digital Token based E payment systems 2.3 Classification of new payment system 2.4 E Wallet 2.5 Online Internet Banking 2.6 Unified payment Interface – BHIM and other tools 2.7 Online financial services in India</p> <p>Unit 3 : Cryptocurrency ,Bitcoin and Blockchain</p> <p>3.1 Introduction – Cryptocurrency 3.2 How Cryptocurrency Works , Ewallet Services and Personal Cryptosecurity 3.3 Introduction – Bitcoin , Merchants acceptance of Bitcoin 3.4 How Bitcoin Works overview, Transaction ,Blocks , Mining 3.5 Blockchain – Technology Stack :Protocol, Currency 3.6 Financial Services 3.7 Crowd Funding 3.8 Bitcoin Prediction Markets, 3.9 Smart Property 3.10 Smart Contracts 3.11 Decentralized Governance Services. 3.12 The Blockchain is an Information Technology</p> <p>Unit 4 : Cyber Security</p> <p>4.1 Introduction 4.2 Network and website Security Risks 4.3 Hacking 4.4 Privacy Risk 4.5 Cyber Defamation 4.6 Identity Theft & Fraud 4.7 Digital Forgery</p>

	<p>4.8 Cyber terrorism</p> <p>4.9 Cyber Pornography</p> <p>4.10 Digital Forgery</p> <p>4.11 Digital Signature</p> <p>4.12 E- business Risk management issues</p> <p>4.13 Firewall, Security framework</p> <p>Unit 5 : Cyber Laws</p> <p>5.1 Cyber Crimes against Individuals, Institution and State</p> <p>5.2 Computer and mobile as target for crime</p> <p>5.3 Introduction To Cyber Laws</p> <p>5.4 Limitation of India's Cyber Laws</p> <p>5.5 Types of Civil Wrongs under the IT Act, 2000</p> <p>5.6 Punishments under the IT Act</p> <p>5.7 Intellectual Property Rights</p>
Reference Book	<ol style="list-style-type: none"> 1. E-Commerce An Indian Perspective P.T. Joseph ,S. J. - PHI publication 2. IT Encyclopedia.Com: Volume 8 : Parag Diwan & Sunil Sharma :E-commerce - Pentagon Press. 3. E-Commerce Strategies : Charles Trepper – PHI 4. S. R. Bhansali, Information Technology Act, 2000, University Book House Pvt. Ltd., Jaipur. 5. Vasu Deva, Cyber Crimes and Law Enforcement, Commonwealth Publishers, New Delhi. 6. Decentralized Applications , Harnessing Bitcoin's Blockchain Technology, Siraj Raval, 2016 – O'Reilly 7. Blockchain, Blueprint for a new Economy , Melanie Swan, 2017 – O'Reilly 8. Mastering Bitcoin, Programming the open Blockchain , 2nd Edition, Andreas M. Antonopoulos, 2017 – O'Reilly 9. Essential CyberSecurity Science, Josiah Dykstra, 2017 – O'Reilly
Teaching Methodology	Class Room Teaching, Discussion and Assignment
Evaluation Method	<p>30% Internal assessment</p> <p>70% External assessment</p>