

Course	Course Title	Lecture		
Generic Elective	Introduction to Cyber Crimes, Safety and Cyber Laws	L	T	P
Version: 1	Date of BOS Approval: 15th BOS	3	1	0
Scheme of Instruction		Scheme of Examination		
No. of Periods	: 60 Hrs.	Maximum Score	:	100
Periods/ Week	: 4	Internal Evaluation	:	30
Credits	: 4	End Semester	:	70
Instruction Mode	: Lecture	Exam Duration	:	3 Hrs.

Course Objectives:
1. The paper aims to create the basic clarity and understanding of cyber crimes, cyber safety and cyber security laws.
Course Outcomes:
1. To understand the fundamentals of Cyber Security.
2. Awareness of cyber crime, laws, ethics, responsible for handling the cyber security issues pertaining to varied domains.

Detailed Contents:	
Unit: 1	Cyber Crimes and safety : Introduction to cybercrimes, Kinds of cybercrimes: Phishing, Identify theft, cyber stalking, cyber terrorism, cyber obscenity, computer vandalism, Ransomware, Identity Theft. Forgery and fraud from Mobile Devices. Cyber risk associated with varied online activities and protection the reforms. Work on different digital platforms safely. Online cyber crimes against women and impersonation scams.
Unit: 2	Cyber Security and Safety: Concept and use Cyber Hygiene in daily life, Browser Security, Wi-Fi Security, UPI security, Juice Jacking, Google Map Security, OTP fraud, IOT Security, Emails security. Security awareness on Wearable gadgets. Safety in Online Financial transactions. Reporting of Cybercrimes.
Unit: 3	Social Networks and safety: Social Networks and its contents, blogs, Safe and Proper use of Social Networks, Inappropriate Content on Social Networks, Flagging and reporting of inappropriate content, Laws regarding posting of inappropriate content.
Unit: 4	Electronic Payments and safety: Concept of E-Payments, ATM and Tele Banking, Immediate payment systems, Mobile Money Transfer and E-Wallets, Unified Payment Interface, Cybercrimes in Electronics Payments, Precautions in Electronics Money Transfer, RBI Guidelines of customer protection in Unauthorized Banking Transactions, KYC: Concept, cases, and safeguards.
Unit: 5	Information Technology Act and its uses in cyber space : Basic concepts of cyber Law and Cyber Ethics, Concepts as defined in IT Act 2000 and 2008, Data Security, Secure System, Online Gaming and its risk, Basics concepts of Blockchain and Cryptocurrency. intellectual Property Laws, Trademarks and domain names, copyright law.
Examination and Evaluation Pattern: It includes both internal evaluation (30 marks) comprising two class sessional exams/ assignments/ quiz/ seminar presentation etc. and external evaluation (70 marks) which is mainly end semester examination.	

Text Books:	
1	Information System Security, Nina Godbole, ISBN:9788126516926, Wiley.
2	Cyber law simplified : Vivek Sood , Tata McGraw Hill Education Pvt Ltd , 2001, fifth reprint
Reference Books:	
1	Cyber Security and Cyber Laws, Alfred Basta, Nadine Basta, Mary Brown, Ravinder Kumar, ISBN: 9789387511675, Cengage.
2	Cyber Security, Nina Godbole, Sunit Belapure, ISBN: 9788126521791, Wiley.
3	Computer Security Fundamentals, William Chuck Easttom, ISBN-10 ,078975746X :Pearson
4	Information Security Education & Awareness, MIETY, GOI, URL: http://www.isea.gov.in