

Course Title	CYBER CRIMES AND LAWS				
Type of Course	DSC				
Semester	III				
Academic Level	2				
Course Details	Credit	Lecture per week	Tutorial per week	Practical per week	Total Hours/Week
	4	4 hours	-	-	4 hours
Pre-requisites	Basic understanding of computer systems and cyber security is desirable.				
Course Summary	This course explores the landscape of various cybercrimes, while delving into the legal frameworks governing cyberspace and analysing legislation to understand the complexities of prosecuting and defending against digital offences in an increasingly interconnected world.				

Detailed Syllabus:

Module	Unit	Content	Hrs (L)
I	Introduction to Cyber Crimes		12
	1	Cyber Crime: Definition and Origin of the Word, Cyber Crime and Cyber Security – Typology of Cyber Crime – Extent & impact of Cyber crime	
	2	Classification of Cybercrimes: E-mail Spoofing, Spamming, Cyber Defamation, Salami Attack, Data Diddling, Forgery, Online Frauds, Pornographic Offenders, Software Piracy, Computer Sabotage Email Bombing, Computer Network Intrusion, Password Sniffing, Credit Card Frauds.	
II	Phishing and Identity Theft		12
	4	Phishing: Methods of Phishing, Phishing Techniques, Types of Phishing Scams, Phishing countermeasures,	
	5	Identity theft, Types and Techniques of identity thefts and its countermeasures	
III	IT ACT, Offences and Penalties		12

	8	Information Technology Act: Evolution of the IT Act, Salient Features of the IT Act, 2000; Various Authorities Under IT Act; Penalties & Offences, Amendments, Cyber Space Jurisdiction, Jurisdiction Issues Under IT Act, 2000.	
	9	E-commerce and Laws in India: Digital/Electronic Signature in Indian Laws, E-Commerce; Issues and Provisions in Indian Law, E-Governance; Concept and Practicality in India, E-Taxation Issues in Cyberspace, E-Contracts and its Validity in India, Cyber Tribunal & Appellate Tribunal, Cyber Regulations.	
IV	Intellectual Property Rights		12
	11	Intellectual Property Rights: Domain Names and Trademark Disputes, Concept of Trademark in Internet Era, Cyber-squatting, Reverse Hijacking, Jurisdiction in Trademark Disputes, Copyright in the Digital Medium, Copyright in Computer Programmes, , Concept of Patent Right, Relevant Provisions of Patent Act 1970.	
	12	Personal Data Security: Sensitive Personal Data or Information (SPDI) in Cyber Law, SPDI Definition and Reasonable Security Practices in India, International Perspective, Cloud Computing & Law.	
V	Flexi Module (Not included for end semester exam)		12
	14	Introduction to Digital Forensics – Types of Digital forensics	
	15	Cyber Security Trends	
	16	Cyber Laws of other countries, Case Studies.	

References

1. Cyber Security: Understanding Cyber Crimes, Computer Forensics and Legal Perspectives, Nina Godbole, Sunit Belapur, Wiley
2. Understanding Cybercrime: Phenomena, and Legal Challenges Response, ITU 2012
3. Cyber Crimes and Laws, Sushma Arora, Raman Arora
4. Cyber Security and Cyber laws : Nilakshi Jain , Ramesh Menon , Wiley
5. Security in Computing, Charles P. Pfleeger, Shari Lawrence Pfleeger, Pearson Publication, Fifth Edition 2015
6. Introduction to Information Security and Cyber Law, Surya Prakash Tripathi, Dreamtech Press, 2014

7. Cyber Law & Cyber Crimes Simplified , Adv. Prashant Mali - Cyber Infomedia

8. Cyber Crimes and Penalties, Adv. Prasant Mali

Web Resources

1. <https://www.itu.int/ITU-D/cyb/cybersecurity/docs/Cybercrime%20legislation%20EV6.pdf>
2. https://baou.edu.in/assets/pdf/PGDCL_202_slm.pdf
3. <https://ia600709.us.archive.org/21/items/ATextBookOfCyberCrimeAndPenalties/ATextBookOfCyberCrimesAndPenaltiesByAdv.PrashantMali.pdf>
4. <https://www.bbau.ac.in/dept/Law/TM/1.pdf>
5. <https://iritm.indianrailways.gov.in/uploads/files/1360312590693-12.Cyber-Laws-chapter-in-Legal-Aspects-Book.pdf>
6. <https://osou.ac.in/eresources/introduction-to-indian-cyber-law.pdf>

Course Outcomes

No.	Upon completion of the course the graduate will be able to	Cognitive Level	PSO addressed
CO-1	Summarise the basics of cyber crimes and cyber security	U	PSO-1
CO-2	Outline the methods, techniques of phishing, thefts and solutions.	U	PSO-1
CO-3	Identify the authorities, jurisdictions and penalties under IT Act.	U	PSO-1,3
CO-4	Identify legislative aspects of cyberspace, related to trademark and copyright laws .	U	PSO-1,3

R-Remember, U-Understand, Ap-Apply, An-Analyse, E-Evaluate, C-Create

Name of the Course: CYBER CRIME AND LAWS

Credits: 4:0:0 (Lecture: Tutorial: Practical)

CO No.	CO	PO/ PSO	Cognitive Level	Knowledge Category	Lecture (L)/ Tutorial (T)	Practical (P)
1	Summarize the basics of cyber crimes and cyber security	PO - 6,7 PSO - 1	U	F, C	L	-

2	Outline the methods, techniques of phishing, thefts and solutions.	PO – 6,7,8 PSO - 1	U	F, C	L	-
3	Identify the authorities, jurisdictions and penalties under IT Act.	PO – 6,7,8 PSO- 1,3	U	F, C	L	-
4	Identify legislative aspects of cyberspace, related to trademark and copyright laws .	PO -6,7,8 PSO- 1,3	U	F, C	L	-

F-Factual, C- Conceptual, P-Procedural, M-Metacognitive

Mapping of COs with PSOs and POs:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO4
CO 1	-	-	-	-	-	2	2	-	2	-	-	-
CO 2	-	-	-	-	-	2	2	1	2	-	-	-
CO 3	1	-	-	-	-	2	2	2	2	-	1	-
CO 4	-	-	-	-	-	2	2	2	3	-	1	-

Correlation Levels:

Level	Correlation
-	Nil