



ST. ALOYSIUS COLLEGE(AUTONOMOUS), JABALPUR

Reaccredited 'A+' Grade by NAAC(CGPA:3.68/4.00)

College with Potential for Excellence by UGC

DST-FIST Supported & STAR College Scheme by DBT

Faculty of Science

BBA/BCA/BA/B.Sc./B. Com

V Semester

Paper-Vocational

CYBER CRIMES AND LAWS

Course Outcomes

CO. No.	Course Outcomes	Cognitive Level
CO 1	Identify cyber risk associated with online activities Outcomes.	U
CO 2	Prepare them for safe working in the vertical having varied access points, data sources, network and system related issues, especially in online transactions.	A
CO 3	Generate and preserve electronic evidences for personal and professional use.	C
CO 4	Work in virtual space safely and with business process or products confirming to the regulatory framework and not falling under the ambit of cybercrimes.	A
CO 5	Analyze the cases and find pertinent facts for resolutions.	An

Credit and Marking Scheme

	Credits	Marks		Total Marks
		Internal	External	
Theory	2	40	60	100
Practical	2	40	60	100
Total	4			200

Evaluation Scheme

	Marks	
	Internal	External
Theory	3 Internal Exams of 20 Marks (During the Semester) (Best 2 will be taken)	1 External Exams (At the End of Semester)
Practical	3 Internal Exams (During the Semester) (Best 2 will be taken)	1 External Exams (At the End of Semester)





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Content of the Course

Theory

No. of Lectures (in hours per week): 2 Hrs. per week

Total No. of Lectures: 60 Hrs.

Maximum Marks: 60

Units	Topics	No. of Lectures
I	Introduction to Cyber World, Cyber Security V/s Cyber Law, Types of Cyber Threats, Difference between Cyber Crimes and Conventional Crimes, Areas Comes under Cyber Law, Jurisdiction area of cyber law. Type of Cyber Crimes like — Piracy, Phishing, Hacking of information, Data Breach, CSS Attacks, Cyber Harassments, SQL Injection, Identity Hack, Cyber terrorism, DOS, Insider Attacks, Dark Web using TOR, Credit Card/Debit Card/UPI Hackings, Cyber Stalking, Cyber bullying, Eaves dropping attack, online libel/slander, Social Engineering, Cryptojacking, Virtual Currency Fraud, Vishing (Voice phishing), IOT Attacks, Phone Hacking, Child Pornography, Human Trafficking, Malicious Advertisement Campaign (Malvertising), online gambling, Hacking into voting systems, Breach of IPR, patent & Copyright etc.	10
II	Definitions under IT Act, 2000; Concept of Internet, Web Centric Business, E Business, Electronic Governance, Cyber jurisdiction. Contemporary Business Issues in Cyber Space. Security risks: Instant messaging platform, social networking sites, mobile applications and Internet of Things (IOT). Domain name dispute and their resolution, E-forms; EMoney, regulations of PPI (Pre-Payment Instruments) by RBI, Electronic Money Transfer, Privacy of Data and Secure Ways of Operation in Cyber Space.	8
III	Electronic Records Authentication of Electronic Records; Legal Recognition of Electronic Records; Legal Recognition of Digital Signatures; Applications and usage of electronic records and Digital Signatures in Government and its Agencies; Retention of Electronic Records, Intermediaries and their liabilities; Attribution, Acknowledgement and Dispatch of Electronic Records; Secure Electronic Records and Digital Signatures.	6
IV	Regulatory Framework Regulation of Certifying Authorities; Appointment and Functions of Controller; License to issue Digital Signatures Certificate; Renewal of License; Controller's Powers; Procedure to be Followed by Certifying Authority; Issue, Suspension and Revocation of Digital Signatures Certificate, Duties of Subscribers; Penalties and Adjudication; Appellate Tribunal; Offences; Overview of GDPR and Indian data protection regime.	6



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References

Text Books:

- Cyber Crimes and Laws, Dr. U.S. Pandey, Dr. Verinder Kumar, Himalaya Pub. House New Delhi.
- Arora, Sushma. and Arora R. Cyber crimes and laws, Taxmann Pvt Ltd, New Delhi.
- Brian, Craig. Cyber Law: The Law of the Internet and Information Technology. Pearson Education.
- Rattan J, Cyber Crime and Information Technology, Bharat Law House, Pvt Ltd.
- Sharma J. P., and Kanojia, \$. (2018). E Business and Cyber Laws. Bharat Law house Pvt Ltd.
- Rajanikant Verma Amarjeet, Cyber Crimes & Laws, Bharti Publications, New Delhi.
- Pavan Duggal, Cyber Laws, Lexis Nexis Publication

Suggested equivalent online courses: e-reading:

<https://swayam.gov.in>

<https://onedatai.com/cyber-crime-in-hindi/>

<https://testbook.com/ias-preparation/cybercrime?language=hindi>

<https://www.studocu.com/in/document/maharshi-dayanand-university/ballb/cyber-law-notes-1-help/44665606>

<https://www.bbau.ac.in/dept/Law/TM/1.pdf>

<https://www.youtube.com/watch?v=9NpHk8Svys>

<https://lawbhoomi.com/ip-issues-and-cyber-law/>

[https://mdu.ac.in/UpFiles/UpPdfFiles/2021/Jun/4_06-11-2021_14-5443 Computer%20A pplications%20in%20Business.pdf](https://mdu.ac.in/UpFiles/UpPdfFiles/2021/Jun/4_06-11-2021_14-5443_Computer%20A pplications%20in%20Business.pdf)



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List of Practical

1. Social Media Identity Hack Memeo
2. Domain Name Registration
3. Testing Franchise News
- 4, Using the CEIR.gov.in Portal
- 5, Using the cybercrime.gov.in portal
6. Discuss Case Study on Financial Cyber Fraud
7. Discuss the case study on the use of IT Act 2000

