



Gyanmanjari
Innovative University

Course Syllabus
Gyanmanjari Institute of Technology
Semester-4 (B.Tech.)

Subject: Cyber Laws and Ethics–BETCE14312

Type of course: Ability Enhancement Courses (AEC)

Prerequisite: Nill.

Rationale:

The technological, legal, and social aspects of cybercrimes and cyber ethics laws are examined in this course. The phrase "cybercrime and laws" encompasses a wide range of offenses, including those in which a computer may be the target, crimes in which a computer may be a tool used to commit an existing offense, and crimes in which a computer may serve a supporting function, such as providing proof for the conduct of an offense. Additionally, understanding the function and importance of cyber ethics is necessary.

Teaching and Examination Scheme:

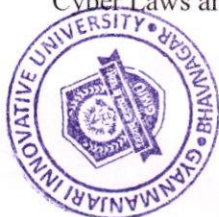
Teaching Scheme			Credits	Examination Marks					Total Marks
CI	T	P	C	Theory Marks		Practical Marks		CA	
				ESE	MSE	V	P	ALA	
2	0	0	2	60	30	10	-	50	150

Legends: CI-ClassRoom Instructions; T – Tutorial; P - Practical; C – Credit; ESE - End Semester Examination; MSE- Mid Semester Examination; V – Viva; CA - Continuous Assessment; ALA- Active Learning Activities.



Course Content:

Sr. No	Course Content	Hrs.	% Weightage
1	Introduction to Cyber law: Evolution of computer Technology, emergence of cyber space. Cyber Jurisprudence, law and jurisprudence, Consensual approach, Real Approach, Doctrinal Approach, Cyber Jurisprudence, Cyber Ethics, Court hierarchy, criminal and civil domains, Online Web space, agreement for web development and hosting, Domain names' technological and legal significance, as well as the Internet's role as a worldwide access mechanism.	05	15
2	Information Technology Act: Overview of IT Act, 2000, Amendments and Limitations of IT Act, Legal Recognition of Electronic Records, Legal Recognition of Digital Signatures, Digital Signatures, Cryptographic Algorithms, Public and Private Cryptography, Electronic Governance, Cyber Crime and Offenses, Network Service Providers Liability, Cyber Regulations Appellate Tribunal, Penalties and Adjudication, and Certifying Authorities.	07	25
3	Cyber law and Related Legislation: Patent Law, Trademark Law, Copyright, Software – Copyright or Patented, Domain Names and Copyright disputes, Information about the protection of electronic databases, the IT Act and the Civil Procedure Code, the IT Act and the Criminal Procedure Code, pertinent sections of the Indian Evidence Act, the Bankers Book Evidence Act, the Indian Penal Code, the Reserve Bank of India Act, laws pertaining to employees and the internet, alternative dispute resolution, and online dispute resolution (ODR).	07	25
4	Electronic Business and legal issues: Evolution and development in E-commerce, paper vs paper less contracts E-Commerce models- B2B, B2C, E security. Business, taxation, electronic payments, supply chain, EDI, E-markets, Emerging Trends.	05	15
5	Cyber Ethics: The Importance of Cyber Law, Significance of Cyber Ethics, Cyber ethics and rules are necessary. Introduction to Artificial Intelligence and Ethics in the Information Age Ethics: Fundamental Principles and Ethical Concerns in AI Overview of Blockchain Ethics.	06	20



Continuous Assessment:

Sr. No	Active Learning Activities	Marks
1	Hack, Law & Ethics: A Case Study Presentation: Students have to study the case studies on cyber laws, cybercrime incidents, and ethical dilemma and prepare one presentation, present it in the class and upload the presentation on the GMIU web portal.	10
2	Cyber Ethics Quiz: Mastering Legal Scenarios: Subject faculty will provide questions to students based on Cyber Laws and Ethics, which may be helpful for job interviews. Students must answer these questions and submit their responses on the GMIU web portal.	10
3	CyberGuard: Crafting Ethical Policies: Students work to create a comprehensive Cyber Ethics Policy for a hypothetical organization, covering data privacy, acceptable use, intellectual property, and employee behavior online and students have to submit the prepared document on the GMIU web portal.	10
4	Cyber Governance Duel: Country vs. Country: Students have to create a comparative table by comparing the cyber policy of 2 different countries and students have to submit the prepared document on the GMIU web portal.	10
5	Cyber Law Audit: Bridging the Gaps: Students will be given cyber laws of different countries; they have to identify gaps in the laws and mention the appropriate changes in the file and students have to submit the prepared document on the GMIU web portal.	10
Total		50

Suggested Specification table with Marks (Theory):60

Distribution of Theory Marks (Revised Bloom's Taxonomy)						
Level	Remembrance (R)	Understanding (U)	Application (A)	Analyze (N)	Evaluate (E)	Create (C)
Weightage %	30%	40%	15%	15%	-	-



Course Outcome:

After learning the course the students should be able to:	
CO1	Assess the Internet's role as a global access mechanism and its legal implications.
CO2	Understand the key provisions, amendments, and limitations of the IT Act, 2000.
CO3	Analyze legal aspects of software protection, domain name disputes, and electronic database security.
CO4	Explore emerging trends in E-markets, EDI, and the future of digital commerce.
CO5	Explore fundamental principles and ethical concerns related to Artificial Intelligence in the Information Age.

Instructional Method:

The course delivery method will depend upon the requirement of content and need of students. The teacher in addition to conventional teaching method by black board, may also use any of tools such as demonstration, role play, Quiz, brainstorming, MOOCs etc.

From the content 10% topics are suggested for flipped mode instruction.

Students will use supplementary resources such as online videos, NPTEL/SWAYAM videos, e-courses, Virtual Laboratory.

The internal evaluation will be done on the basis of Active Learning Assignment.

Practical/Viva examination will be conducted at the end of semester for evaluation of performance of students in laboratory.

Reference Books:

- [1] Cyber Laws: Intellectual property & E Commerce, Security- Kumar K, dominant Publisher.
- [2] Cyber Ethics 4.0, Christoph Stuckelberger, Pavan Duggal, by Globethic.
- [3] Information Security policy & Implementation Issues, NIIT, PHI.
- [4] Computers, Internet and New Technology Laws, Karnika Seth, Lexis Nexis Butterworths Wadhwa Nagpur.
- [5] Legal Dimensions of Cyber Space, Verma S, K, Mittal Raman, Indian Law Institute, New Delhi.
- [6] Cyber Law, Jonthan Rosenoer, Springer, New York, (1997).
- [7] The Information Technology Act, 2005: A Handbook, OUP Sudhir Naib, New York, (2011).
- [8] Information Technology Act, 2000, S. R. Bhansali, University Book House Pvt. Ltd., Jaipur (2003).

