

Following course/paper of LL.M. (III SEM) shall be replaced with the

Paper F –IX :Computer Practical

Shall be replaced with

Paper F – IX “Cyber Laws, Digital Governance & Emerging Technologies”

Proposed Syllabus

Paper–F–IX: Cyber Laws, Digital Governance & Emerging Technologies

Compulsory Foundation Paper (Semester–III, LL.M.)

Workload: 4 Hours per week (approx. 90 lectures per semester)
Course Outcomes (CO)

After completion, learners shall be able to:

1. **CO–1:** Demonstrate the understanding of digital technologies and their legal implications.
2. **CO–2:** Critically analyse cybercrime legislation and judicial trends in India and abroad.
3. **CO–3:** Examine data privacy, AI ethics, digital evidence and cyber governance frameworks.
4. **CO–4:** Apply knowledge of cyber security mechanisms in legal domains and professional legal practice.
5. **CO–5:** Evaluate emerging technologies such as AI, blockchain, metaverse and their regulatory needs.

Programme Outcomes (PO)

This Course contributes to the following LL.M. Programme Outcomes:

1. **PO–1:** Advanced legal analytical skills integrating jurisprudence with contemporary challenges.
2. **PO–2:** Competence in applying technology-based legal reasoning and digital research tools.
3. **PO–3:** Ability to understand international, constitutional and human rights perspectives in digital regulation.
4. **PO–4:** Independent research ability in technologically complex legal environments.
5. **PO–5:** Professional legal competence for courts, industry, academia and regulatory institutions.

UNIT-WISE SYLLABUS (10 Units)

Unit 1 – Introduction to Information Technology & Digital Ecosystems

Computer basics, operating systems, networks, internet architecture; Digital India; E-Governance; Digital Public Infrastructure.

Unit 2 – Internet & Web Technologies

Domains, hosting, cloud computing, Web 1.0–Web 3.0, blockchain, cryptocurrency, smart contracts, metaverse.

Unit 3 – Legal Regulation of Information Technology

Historical evolution of IT legislation; IT Act 2000 & Amendments; Overview of relevant Rules; Comparison with EU, USA, UK frameworks.

Unit 4 – Cyber Crimes & Legal Remedies

Hacking, unauthorized access, phishing, identity theft, cyber stalking, harassment, revenge porn, ransomware; offences & penalties; judicial precedents.

Unit 5 – Digital Identity, Data Protection & Privacy

Right to privacy, Aadhaar, DPDP Act 2023, GDPR, cross-border data transfer, intermediary liability.

Unit 6 – Digital Evidence & Admissibility

Electronic records, Section 65B Evidence Act, chain of custody, digital forensics, cyber investigation.

Unit 7 – Artificial Intelligence & Law

AI in governance, courts, policing; algorithmic bias, accountability, explainability, generative AI; legal recognition of AI-generated works.

Unit 8 – Cyber Security & Protection Mechanisms

Security threats, firewall, encryption, digital signature, cyber hygiene, CERT-IN, computer emergency response.

Unit 9 – Intellectual Property Rights in Digital Space

Copyright in OTT & digital content, software patents, database rights, domain name disputes, ICANN, WIPO.

Unit 10 – Emerging Issues & Future Challenges

Deepfake technology, misinformation, social media regulation, cybersecurity policies, ethical AI, global harmonisation.

Reference Books / Reading Material

- 1. R.K. Chaudhary — *Cyber Laws in India*
- 2. Talat Fatima — *Cyber Crimes*
- 3. Pavan Duggal — *Cyber Security Law*
- 4. Chris Reed — *Internet Law: Text & Materials*
- 5. S. Ramaswamy & Nandan Kamath — *Law of Information Technology*
- 6. DPDP Act 2023; IT Act 2000; CERT-IN Guidelines; MeitY Draft Policies
- 7. WIPO Publications on Digital IP
- 8. OECD, EU AI Act & UNESCO AI Ethics Guidelines

Suggested Evaluation Pattern

Component	Marks
Assignment/Activities/Seminar/Presentation etc : (Submissions or group activities) Assessment shall be done o the basic of performance of the learner throughout the semester	50
Group Discussion/ Problem based assignment, Field Visit/ Article publication in peer review journal (in the relevant semester)	25
Viva – Voce	25

Component	Marks
Total	100

Suggested Activities (For class instructor/Teacher)

- Analysis of cybercrime case law portfolio
- Digital-evidence demonstration using real tools
- Seminar on deepfakes, AI ethics, or privacy law
- Moot exercise on cybercrime prosecution

Note: *The students* admitted under the previous curriculum with the paper titled “**F-IX: Computer Practical**” shall be permitted a maximum of four consecutive examination attempts to clear the said paper. Upon the exhaustion of these four attempts, any remaining student who has not successfully cleared the old paper shall be, **subject to fulfillment of other conditions**, absorbed to the revised course/paper titled “**F-IX: Cyber Laws, Digital Governance & Emerging Technologies**” and shall be evaluated in accordance with *the regulations of the revised curriculum*.

Diploma/P.G. Diploma

Proposed framework/Structure for the Practical paper of the Diploma/P.G. Diploma under the Law Board.

The Practical papers of each Diploma/P.G. Diploma shall be renamed as -

“Skill-Based Training & Professional Legal Practice”:

Framework of Academic Activities to be conducted

The Course instructor will conduct following activities throughout the semester under including field visits, and visit to the institution of legal importance.

“Skill-Based Training & Professional Legal Practice”:

A. Professional Skill Development Activities

Legal Drafting: Notices, agreements, complaints, written statements, bail applications, marriage petitions, RTI applications, legal opinions, affidavits

Client interviewing and counselling simulations

Advocacy and oral argument training

Mediation, arbitration & negotiation role-play exercises

Legal aid clinics and pro bono engagement

Case study analysis and precedent-based discussions

Visits: Courts, tribunals, police station, prosecution office, jail, NGOs, Human Rights bodies

B. Academic & Research Skill Components

Research paper / article writing & presentation

Seminar, workshop and peer-review presentations

Project report / empirical survey with field findings

Judgment analysis and legal reasoning exercises

Evidence handling & drafting of formal documents

Digital legal research training (SCC, Manupatra, AIR Online, etc.)

C. Assignment-Based Practical Learning

Internship diary & reflection record

Community awareness programme reports

Role-play problem solving & drafting exercises

Moot Court or Mock Trial participation

Socio-legal survey & thematic analysis

Professional documentation portfolio

Services to Legal aid camps, clinical activities and advice to poor and needy

Evaluation & Assessment Scheme

Component	Marks	Description
Project Writing / Research Compendium	50	50-page compendium on assigned topic evaluated on content, originality, methodology & formatting
Assignments / Field Work / Drafting & Applied Tasks	25	Drafting work, problem-based exercises, field report, seminar or teaching practice
Viva-Voce Examination	25	Presentation, understanding, practical application & articulation

Component	Marks	Description
Total Marks	100	