

**School of Computer Science**

**1. SYLLABUS:**

**CY4102PC: CYBER LAWS AND SECURITY POLICIES**

IV-I:CSE(CS)								
Course Code	Category	Hours/Week			Credits	MaxMarks		
CY4102PC	Mandatory Course	L	T	P	C	CIE	SEE	Total
		2	0	0	2	25	75	100
ContactClasses: 45	Tutorial classes:15	Practical classes :Nil				Total Classes : 60		
Prerequisites:								

**Course Educational Objectives:**

The Objectives of This Course Is to Enable Learner to Understand, Explore, And Acquire A Critical Understanding Cyber Law .Develop Competencies For Dealing With Frauds And Deceptions (Confidence Tricks, Scams) And Other Cyber Crimes For Example, Child Pornography Etc. That Are Taking Place Via The Internet.

**Course Outcomes:**

- Make Learner Conversant With The Social And Intellectual
- Property Issues Emerging From Cyberspace.
- Explore The Legal And Policy Developments In Various Countries To Regulate Cyberspace;
- Develop The Understanding Of Relationship Between Commerce And Cyberspace; And
- Give Learners In Depth Knowledge Of Information Technology Act And Legal Frame Work Of Right To Privacy, Data Security And Data Protection.
- Make Study On Various Case Studies On Real Time Crimes

**UNIT-I**

Introduction to Cyber Law Evolution of Computer Technology: Emergence of Cyber space. Cyber Jurisprudence, Jurisprudence and law, Doctrinal approach, Consensual approach, Real Approach, Cyber Ethics, Cyber Jurisdiction, Hierarchy of courts, Civil and criminal jurisdictions, Cyberspace-Web space, Web hosting and web Development agreement, Legal and Technological Significance of domain Names, Internet as a tool for global access.

**UNIT-II**

Information technology Act : Overview of IT Act, 2000, Amendments and Limitations of IT Act, Digital Signatures, Cryptographic Algorithm, Public Cryptography, Private Cryptography, Electronic Governance, Legal Recognition

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of Electronic Records, Legal Recognition of Digital Signature Certifying Authorities, Cyber Crime and Offences, Network Service Providers Liability, Cyber Regulations Appellate Tribunal, Penalties and Adjudication.

### UNIT-III

Cyber law and related Legislation : Patent Law, Trademark Law, Copyright, Software – Copyright or Patented, Domain Names and Copyright disputes, Electronic Data Base and its Protection, IT Act and Civil Procedure Code, IT Act and Criminal Procedural Code, Relevant Sections of Indian Evidence Act, Relevant Sections of Bankers Book Evidence Act, Relevant Sections of Indian Penal Code, Relevant Sections of Reserve Bank of India Act, Law Relating To Employees And Internet, Alternative Dispute Resolution, Online Dispute Resolution(ODR).

### UNIT-IV

Electronic Business and legal issues: Evolution and development in E-commerce, paper vs paper less contracts E-Commercemodels-B2B,B2C, E security.

Application area: Business, taxation, electronic payments, supply chain, EDI,E-markets, Emerging Trends.

### UNIT-V

Case Study On Cyber Crimes: Harassment Via E-Mails, Email Spoofing (Online A Method Of Sending E-Mail Using A False Name Or E-Mail Address To Make It Appear That The E-Mail Comes From Somebody Other Than The True Sender, Cyber Pornography(Exm.MMS),Cyber-Stalking.

#### TEXT BOOKS:

1. K. Kumar, “Cyber Laws: Intellectual property & E Commerce, Security”, 1<sup>st</sup> Edition, Dominant Publisher, 2011.
2. Rodney D. Ryder, “Guide To Cyber Laws”, Second Edition,
3. Waxhaw And Company, New Delhi, 2007.
4. Information Security policy & implementation Issues, NIIT, PHI.

#### REFERENCE BOOKS:

1. Vakul Sharma, "Hand book Of Cyber Laws" Macmillan India Ltd, 2<sup>nd</sup> Edition, PHI, 2003.
2. Justice Yatindra Singh, "Cyber Laws", Universal Law Publishing, 1<sup>st</sup> Edition, New Delhi, 2003.

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3. Sharma, S.R., "Dimensions Of Cyber Crime", Annual Publications
4. Pvt.Ltd. 1stEdition, 2004.
5. Augustine, Paul T., "Cyber Crimes And Legal Issues", Crescent
6. Publishing Corporation, 2007.



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