SCHEME OF COURSE WORK

Course Details:

Course Title	: Cyber Laws And Security Policies		
Course Code	:13CS2210		**L P C** **4 0 3**
Program:	: M.Tech.		
Specialization:	: Cyber Security		
Semester	:II Semester		
Prerequisites	: Cyber Laws.		
Courses to which it is a prerequisite		: Information technology act, case studies on real time crimes.	

Course Outcomes (COs):

1	Understand the social and intellectual property issues emerging from „cyberspace.
2	Understand the legal and policy developments in various countries to regulate cyberspace;
3	Understand the relationship between commerce and cyberspace.
4	Analyse learners in depth knowledge of information technology act and legal frame work of right to privacy, data security and data protection.
5	Implement the various case studies on real time crimes.

Program Outcomes (POs):
A graduate of Cyber Security Specialization will be able to

1	Understand Cyber Law Evolution of Computer Technology.
2	Learn The Cyber Ethics, Cyber Jurisdiction.
3	To know the Information technology Act , Amendments and Limitations of IT Act,
4	Cyber Regulations Appellate Tribunal, Penalties and Adjudication.
5	Cyber law and related Legislation-Patent Law, Trademark Law.
6	Law Relating To Employees And Internet, Alternative Dispute Resolution, Online Dispute Resolution.
7	Basic principles of cyber laws and security policies
8	Electronic Business and legal issues.
9	Case Study On Cyber Crimes-Cyber Pornography (Exm.MMS), Cyber-Stalking.
10	Business, taxation, electronic payments, supply chain, EDI, E-markets, Emerging Trends.

Course Outcome versus **Program Outcomes:**

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO-1						S				
CO-2	M		S							S
CO-3			M							S
CO-4		S		S					S	
CO-5										

S - Strongly correlated, *M - Moderately* correlated, *Blank - No correlation*

Assessment Methods:	Assignment / Quiz / Seminar / Case Study / Mid-Test / End Exam

Teaching-Learning and Evaluation

Week	TOPIC / CONTENTS	Course Outcomes	Sample questions	TEACHING-LEARNING STRATEGY	Assessment Method & Schedule
1	Emergence of Cyber space. Cyber Jurisprudence, Jurisprudence and law,	CO-1	1. What is Cyber Jurisprudence and Explain Cyber Jurisprudence laws?	▫ Lecture / Discussion	Assignment (Week 3 - 4)
2	Doctrinal approach, Consensual approach, Real Approach, Cyber Ethics, Cyber Jurisdiction, Hierarchy of courts	CO-1	1.explain Hierarchy of courts	▫ Lecture / Discussion	Assignment (Week 3 - 4)
3	Web hosting and web Development agreement, Legal and Technological Significance of domain Names, Internet as a tool for global access	CO-1	1.write down Legal and Technological Significance of domain Names,	▫ Lecture /Discussion	Mid-Test 1 (Week 9)
4	Overview of IT Act, 2000, Amendments and Limitations of IT Act, Digital Signatures, Cryptographic Algorithm, Public Cryptography, Private Cryptography,	CO-2	1. Write Amendments of IT Act 2000. 2. What is Digital signature and explain the Public Cryptography.	▫ Lecture / Discussion	Seminar (Week 3 - 6)
5	Electronic Governance, Legal Recognition of Electronic Records, Legal Recognition of Digital Signature Certifying Authorities.	CO-3,CO-4	1.Explain the Electronic Governance, Legal Recognition of Electronic Records	▫ Lecture / Discussion	Assignment (Week 7-9)
6	Cyber Crime and Offences, Network Service Providers Liability, Cyber Regulations Appellate Tribunal, Penalties and Adjudication.	CO-4	1. What are the cybercrimes and explain the offences.	▫ Lecture / Discussion	Assignment (Week 10 -12)
7	Patent Law, Trademark Law, Copyright, Software – Copyright or Patented, Domain Names and Copyright disputes, Electronic Data Base and its Protection	CO-4	1. Explain Patent Law, Trademark Law, and Copyright.	▫ Lecture / Discussion	Assignment (Week 13 -14)
8	IT Act and Civil Procedure Code, IT Act and Criminal Procedural Code, Relevant Sections of Indian Evidence Act,	CO-3, CO-4	1. Explain IT Act 2000?	▫ Lecture / Discussion	Assignment (Week 15 -16)

9	**Mid-Test 1**	CO-1, CO-2			
10	Relevant Sections of Bankers Book Evidence Act, Relevant Sections of Indian Penal Code, Relevant Sections of Reserve Bank of India Act?	CO-4	1. Explain Relevant Sections of Bankers Book Evidence Act, Relevant Sections of Indian Penal Code?	▫ Lecture / Discussion	Assignment (Week 17 -18)
11	Law Relating To Employees And Internet, Alternative Dispute Resolution, Online Dispute Resolution (ODR).	C0-4	1. Alternative Dispute Resolution, Online Dispute Resolution (ODR).	▫ Lecture / Discussion	Assignment (Week 19 -20)
12	**Electronic Business and legal issues**: Evolution and development in E-commerce, paper vs paper less contracts E-Commerce models- B2B, B2C, E security.	CO-5	1. Explain E-Commerce Business Models.	▫ Lecture/ Discussion	Mid-Test 2 (Week 21)
13	**Application area:** Business, taxation, electronic payments, supply chain, EDI, E-markets, Emerging Trends.	CO-5	1. Explain the electronic payments, supply chain, EDI (Electronic Data Exchange).	▫ Lecture / Discussion	Seminar (Week 22 - 23)
14	**Case Study On Cyber Crimes:** Harassment Via E-Mails, Email Spoofing.	CO-5	1. Write a Case Study on E-mail harassment and E-mail spoofing?	▫ Lecture / Discussion	
15	Cyber Pornography (Exm.MMS), Cyber-Stalking.	CO-5	1. Differentiate Cyber Pornography (Exm.MMS), Cyber-Stalking.	▫ Lecture / Discussion	
16	**Mid-Test 2**				
17/18	**END EXAM**				