

Cyber Laws & Ethics

6KS05	Cyber Laws & Ethics	L-3,T-0,C-3
Course Prerequisite:	Basic Knowledge of Internet	
Course Objectives:	Throughout the course, students will be expected to demonstrate their understanding of Cyber Laws & Ethics by being able to do each of the following: <ol style="list-style-type: none"> 1. Understand Cyber Space, Cyber Crime, Cyber Laws, Information Technology, Internet, Internet Services 2. Know Legal Aspects of Regulation concerned with Cyber Space, Technology and Forms of Cyber Crimes 3. Understand Computer Crimes and Cyber Crimes, Cyber Crime in Global and Indian Response. 4. Understand Criminal Liability, Cyber Crime implications and challenges. 5. Learn Precaution & Prevention of Cyber Crimes, Human Rights perspective of Cyber Crime 	
Course Outcomes (Expected Outcome):	On completion of this course, the students should be able to: <ol style="list-style-type: none"> 1. Understand Cyber Space, Cyber Crime, Information Technology, Internet & Services. 2. List and discuss various forms of Cyber Crimes 3. Explain Computer and Cyber Crimes 4. Understand Cyber Crime at Global and Indian Perspective. 5. Describe the ways of precaution and prevention of Cyber Crime as well as Human Rights. 	
Unit I:		Hours:6
Information Technology & Cyber Crimes: Introduction, Glimpses, Definition and Scope, Nature and Extent, Know no Boundaries, Rapid Transmission and Accuracy, Diversity and Span of Victimization, Cyber World, Inadequacy of Law, Influence of Teenagers Information Technology: Definition & Perspective, Growth & Future, Various Facets & Dimensions. Regulatory Perspective on Technology: Impact of Information and Technology, Regulation of Cyber Space, Legal Aspects of Regulation.		
Unit II:		Hours:6
Technology & Forms of Cyber Crimes: Influence of Technology on Criminality, Forms of Cyber Crimes. Computer Crimes & Cyber Crimes: A Criminological Analysis Computer Crimes and Cyber Crimes: Terminological Aspects, Opportunities to Cyber Criminals, Motives of Offenders, Problems Affecting Prosecution, Cyber Crimes: Challenges of Prevention and Control, Need and Prospects (~f Criminological Research.		
Unit III:		Hours:6
Cyber Crimes 'and Global Response: Global Perspective, Country wise Legal Response, Country wise Analysis. Cyber Crimes and Indian Response: Introduction, The Indian Information Technology Act 2000, Preamble & Coverage, Nature of Offences and Penalties, Miscellaneous and Subsidiary Provisions Certain Shortcomings, Future Prospects and Needs.		
Unit IV:		Hours:6
Mens Rea & Criminal Liability: Introduction, Historical Perspectives, Mens Rea in Indian Criminal Law, Mens Rea in English Criminal Law, Abetment of Offence, Criminal Liability and Role of Mens Rea in Indian Information Technology Act, 2000 Investigation in Cyber Crimes: Implications and Challenges: : Introduction, Procedural Aspects, Issues, Complications and Challenges Concerning Cyber Crimes, Problems and Precautionary measures for Investigation.		
Unit V:		Hours:7
Cyber Crimes : Discovery and Appreciation of Evidences: Introduction, Law of Evidence, Evidences in Cyber Crimes : Challenges and Implications, Computer Generated Evidence and their Admissibility, Judicial Interpretation of Computer related Evidence		

Prevention of Cyber Crimes :National and International Endeavours: Introduction, International Services on Discovery and Recovery of Electronic and Internet Evidence, International Organisation on Computer Evidence (IOCE), OECD Initiatives, Efforts of G-7 and G-8 Groups, Endeavours of Council of Europe, Measures of United Nations, Efforts of WTO, Measures of World Intellectual Property Organisation (WIPO), Interpol and its Measures, Efforts in India, Need of International Assistance and Appropriate Amendments, U.S. Laws on Cyber Crimes, U.S. Case-law on Cyber Evidences and Related Issues

Unit VI:

Hours:7

Human Rights Perspectives Cyber Crimes: Introduction, Ideological Aspects, Fundamental Rights and Civil Liberties, Various Issues and Challenges.

Cyber Crimes : Precaution and Prevention: Introduction, Awareness and Law Reforms, Improving Criminal Justice Administration, Increasing International Cooperation, Curricular Endeavours and Checking Kids' Net Addiction, Role of Guardians, Mobile Pornography: No Nearer Solution in Sight, Self-regulation in Cyber Space.

Text Book: Dr Pramod Kr. Singh, "Laws on Cyber Crimes [Along with IT Act and Relevant Rules]" Book Enclave Jaipur India..

Reference Books:

1. Craig B, "Cyber Law: The Law of the Internet and Information Technology". Pearson Education
 2. Pawan Duggal, "Cyber Laws" Universal Law Publishing.
 3. K.Kumar," Cyber Laws: Intellectual property & E Commerce, Security", First Edition, Dominant Publisher, 2011.
 4. Rodney D. Ryder, "Guide to Cyber Laws", Second Edition, Wadhwa And Company, New Delhi, 2007.
 5. Vakul Sharma, "Handbook of Cyber Laws" Macmillan India Ltd, Second Edition, PHI, 2003.
 6. Justice Yatindra Singh, "Cyber Laws", Universal Law Publishing, First Edition, New Delhi, 2003.
 7. Sharma, S.R., "Dimensions of Cyber Crime", Annual Publications Pvt. Ltd., First Edition, 2004.
- Augustine, Paul T., "Cyber Crimes and Legal Issues", Crecent Publishing Corporation, 2007.

Intellectual Property Rights

6KS05	Intellectual Property Rights	L-3,T-0,C-3
Course Prerequisite:	Basic knowledge of Communication skills, Soft skills, Presentation and Ethics.	
Course Objectives:	<p>Throughout the course, students will be expected to demonstrate their understanding of Intellectual Property Rights in the following:</p> <ol style="list-style-type: none"> 1. This course is intended to impart awareness on Intellectual Property Rights (IPR) and various regulatory issues related to IPR 2. To make familiarizing students with the shades of Intellectual Property Rights (IPR) so as to help them integrate the IPR process in their project and research activities. 3. To make the students familiar with basics of IPR and their implications in Project research, development and commercialization. 4. To impart awareness on intellectual property rights and various regulatory issues related to IPR. 	
Course Outcomes (Expected Outcome):	<p>On completion of the course, the students will be able to</p> <ol style="list-style-type: none"> 1. Demonstrate a breadth of knowledge in Intellectual property. 2. Assess fundamental aspects of Intellectual Property Rights. 3. Discuss Patents, Searching, filling and drafting of Patents 4. Discuss the basic principles of geographical indication, industrial designs, and copyright. 5. Explain of Trade Mark and Trade Secret. 6. Investigate current trends in IPR and Government initiatives in fostering IPR. 	
Unit I:	Overview of Intellectual Property Rights	Hours: 06
Discovery, Invention, Creativity, Innovation, History & Significance of Intellectual Property Rights (IPR), Overview of IPR - Patent, Copyright, Trade Mark, Trade Secret, Geographical Indication, Industrial Design & Integrated Circuit, Non-patentable criteria.		
Unit II:	Patents	Hours: 08
<p>Patents: Patents- Patentability Criteria, Types of Patents-Process, Product & Utility Models, Software Patenting and protection, Overview of Patent Search-Types of Searching, Public & Private Searching Databases, Basics of Patent Filing & Drafting, Indian Patents Law</p> <p>Patents - Elements of Patentability: Novelty, Non Obviousness (Inventive Steps), Industrial Application - Non - Patentable Subject Matter - Registration Procedure, Rights and Duties of Patentee, Assignment and license , Restoration of lapsed Patents, Surrender and Revocation of Patents, Infringement, Remedies & Penalties - Patent office and Appellate Board.</p>		
Unit III:	Copyrights	Hours: 06
Nature of Copyright - Subject matter of copyright: original literary, dramatic, musical, artistic works; cinematograph films and sound recordings - Registration Procedure, Term of protection, Ownership of copyright, Assignment and licence of copyright - Infringement, Remedies & Penalties – Related Rights - Distinction between related rights and copyrights.		
Unit IV:	Trademarks	Hours: 07
Concept of Trademarks - Different kinds of marks (brand names, logos, signatures, symbols, well known marks, certification marks and service marks) - Non Registrable Trademarks - Registration of Trademarks - Rights of holder and assignment and licensing of marks - Infringement, Remedies & Penalties - Trademarks registry and appellate board.		
Unit V:	Design & Geographical Indication	Hours: 07
<p>Design: meaning and concept of novel and original - Procedure for registration, effect of registration and term of protection.</p> <p>Geographical indication: meaning, and difference between GI and trademarks - Procedure for registration, effect of registration and term of protection.</p>		
Unit VI:	IPR: Current Contour	Hours: 06
India`s New National IP Policy, 2016 – Govt. of India step towards promoting IPR – Govt. Schemes in IPR – Career Opportunities in IP - IPR in current scenario with case studies.		
Text Books:		

[1] K. V. Nithyananda (2019), "Intellectual Property Rights: Protection and Management", IN: Cengage Learning India Private Limited.

[2] P. Neeraj and D. Khusdeep (2014), "Intellectual Property Rights", PHI learning Private Limited.

Reference Books:

[1] Deborah E. Bouchoux, "Intellectual Property for Paralegals – The law of Trademarks, Copyrights, Patents & Trade secrets", 4th Edition, Cengage learning, 2012.

[2] N. S. Gopalakrishnan and T. G. Agitha, "Principles of Intellectual Property", Eastern Book Company, Lucknow, 2009.

[3] M. M. S. Karki, "Intellectual Property Rights: Basic Concepts", Atlantic Publishers, 2009.

[4] Ganguli Prabuddha, "Intellectual Property Rights--Unleashing the Knowledge Economy", Tata McGrawHill, 2001.

[5] V. K. Ahuja, "Law relating to Intellectual Property Rights". India, IN: Lexis Nexis, 2017.

[6] P. Narayanan; Law of Copyright and Industrial Designs; Eastern law House, Delhi, 2010.

[7] Ajit Parulekar and Sarita D' Souza, Indian Patents Law – Legal & Business Implications; Macmillan India ltd, 2006.

[8] B. L. Wadehra. Law Relating to Patents, Trade Marks, Copyright, Designs & Geographical Indications; Universal law Publishing Pvt. Ltd., India 2000.

[9] Ganguli Prabuddha, "Gearing up for Patents... The Indian Scenario", Universities Press, 1998.