

Intellectual Property Rights	L	P	C
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Discipline(s) / EAE / OAE	Semester	Group	Sub-group	Paper Code
CSE/IT/CST/ITE	7	PCE	PCE-5	CIE-419

Marking Scheme:												
1. Teachers Continuous Evaluation: 25 marks												
2. Term end Theory Examinations: 75 marks												
Instructions for paper setter:												
1. There should be 9 questions in the term end examinations question paper.												
2. The first (1st) question should be compulsory and cover the entire syllabus. This question should be objective, single line answers or short answer type question of total 15 marks.												
3. Apart from question 1 which is compulsory, rest of the paper shall consist of 4 units as per the syllabus. Every unit shall have two questions covering the corresponding unit of the syllabus. However, the student shall be asked to attempt only one of the two questions in the unit. Individual questions may contain upto 5 sub-parts / sub-questions. Each Unit shall have a marks weightage of 15.												
4. The questions are to be framed keeping in view the learning outcomes of the course / paper. The standard / level of the questions to be asked should be at the level of the prescribed textbook.												
5. The requirement of (scientific) calculators / log-tables / data – tables may be specified if required.												
Course Objectives :												
1.	To Understand, define and differentiate different types of intellectual properties (IPs) and their roles in contributing to organizational competitiveness and Understanding the Framework of Strategic Management of Intellectual Property (IP).											
2.	To Appreciate and appraise different IP management (IPM) approaches and describing how pioneering firms initiate, implement and manage IPM programs.											
3.	To Explain how to derive value from IP and leverage its value in new product and service development.											
4.	To Expose to the Legal management of IP and understanding of real life practice of IPM.											
Course Outcomes (CO)												
CO 1	To Identify different types of Intellectual Properties (IPs), the right of ownership, scope of protection as well as the ways to create and to extract value from IP and Recognize the crucial role of IP in organizations of different industrial sectors for the purposes of product and technology development.											
CO 2	To Identify activities and constitute IP infringements and the remedies available to the IP owner and describe the precautions steps to be taken to prevent infringement of proprietary rights in products and technology development and Be familiar with the processes of Intellectual Property Management (IPM) and various approaches for IPM and conducting IP and IPM auditing and explain how IP can be managed as a strategic resource and suggest IPM strategy.											
CO 3	To be able to anticipate and subject to critical analysis arguments relating to the development and reform of Geographical Indications of goods and their likely impact on creativity and innovation.											
CO 4	To be able to demonstrate a capacity to identify, apply and assess ownership rights and marketing protection under intellectual property law as applicable to information, ideas, new products and product marketing											
Course Outcomes (CO) to Programme Outcomes (PO) mapping (scale 1: low, 2: Medium, 3: High)												
	PO01	PO02	PO03	PO04	PO05	PO06	PO07	PO08	PO09	PO10	PO11	PO12
CO 1	2	1	-	2	-	1	1	1	-	1	-	-
CO 2	2	1	-	2	-	1	1	-	-	1	-	-
CO 3	2	1	-	-	-	1	1	-	-	1	-	-
CO 4	2	1	-	-	-	1	1	1	-	1	-	-
UNIT-I												
Understanding & Overview of IPR Regime & Patents: Introduction, Need of Intellectual Property Rights, Types of Intellectual property, Rationale for protection of IPR, International Organizations, Agencies and Treaties,												

Importance of Intellectual Property Rights, IPR in India: Genesis and development, Impact of IPR on development, health agriculture and genetic resources in India.

Patents: Definition of TRIPS, Kind of inventions protected by Patent, Process and Product Patent, Double Patent, Legal requirements for patents, Patent Application process, Searching a patent, Drafting and Filing of a Patent, Type of patent applications, Patent Specification and Claim, Management of IP Assets and IP Portfolio, Layers of International Patent System: National, Regional and International options

UNIT-II

Trademarks & Copyrights: Rights of Trademark, Purpose and Function of Trademark, Trademark registration, Trademark Acquisition, Trademark protection, Trademark Registration process.

Law of Copy Rights, Rights and Protection covered by Copyright, Infringement of Copyright under Copyright Act, Distinction between related rights and copyright, Celebrity rights, Academic integrity or Plagiarism

UNIT-III

Geographical Indications of Goods & Traditional Knowledge: Types of Geographical Indications of Goods, Why Geographical Indications of Goods needs protection, How Geographical Indications of Goods gets protection, GI Laws, GI Act in India, Case Study: Three Recent famous registered GIs of India.

Examples of medicinal, bioprospecting and Indigenous knowledge Need for their Protection, Positive protection, Defensive protection and legal aspects.

UNIT – IV

Recent Developments & Institutional Capacity: New Development in Trademark Law, Copyright Law, Patent Law, Intellectual Property Audits, Protection of Computer Programs, Protection of Communication Technologies, Protection of Biotechnology, Reprography and Intellectual Property.

International Trademark law, international copyright law, International Patent law, International Development in Trade Secret Law.

IP Policy making and legislation, Examination and Registration Systems, International Standard Setting: WIPO & WTO.

Textbook(s):

1. Fundamentals of IP for Engineers, K. Bansal & P. Bansal, BS/BSP Books Publications, 2013
2. Intellectual Property Rights, Deborah. E. Bouchoux, 5th Edition, Delmar Cengage Learning, 2017.

References:

1. Intellectual Property Rights– Unleashmy The Knowledge Economy, Prabuddha Ganguli, Tate Mc-Graw Hill Publishing Company Ltd, 2001.