

	2 Numbers	
d)	Seminar	5
e)	Book/ Article Review	
f)	Viva-Voce	
g)	Field Report	
Grand Total		75

KU4VACCSC105 INTELLECTUAL PROPERTY RIGHTS

Semester	Course Type	Course Level	Course Code	Credits	Total Hours
4	VAC	100-199	KU4VACCSC105	3	45

Learning Approach (Hours/ Week)			Marks Distribution			Duration of ESE (Hours)
Lecture	Practical/ Internship	Tutorial	CE	ESE	Total	
3	0		25	50	75	1.5hrs.

Course Description:

This course provides a comprehensive introduction to Intellectual Property Rights (IPR), covering the fundamental concepts, types of intellectual property, legal framework, management strategies, and emerging issues. Students will explore the origins of intellectual property, its significance in modern society, and the impact of IPR on innovation, creativity, and economic development. Through case studies and discussions, students will gain practical insights into the application of IPR in various industries and the importance of ethical considerations in intellectual property management.

Course Outcomes:

CO No.	Expected Outcome	Learning Domains
1	Discuss the concept of intellectual property, its historical development, and its role in fostering innovation and creativity.	U
2	Identify and differentiate between various types of intellectual property, including patents, copyrights, trademarks, and trade secrets.	U
3	Examine the legal framework for intellectual property rights at national and international levels, including key treaties and agreements.	An
4	Develop strategies for managing intellectual property, including IP policy development, licensing, technology transfer, and valuation.	C
5	Appraise emerging issues in intellectual property law, such as opensource software, and their implications for IP protection and enforcement.	E

**Remember (R), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C)*

Mapping of Course Outcomes to PSOs

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7
CO 1	3			3			3
CO 2	3	2		3			3
CO 3	3			3			
CO 4	3	2	2	3			
CO 5	3	2		3			2

COURSE CONTENTS**Contents for Classroom Transaction:**

M O D U L E	U N I T	DESCRIPTION	HOURS
1	INTRODUCTION TO IPR		9
	1	Introduction to IPR	
		a) Meaning of property, origin, nature	
		b) Meaning of Intellectual Property Rights.	
	2	Types of Intellectual Property	
		a) Patents, copyrights, trademarks, and trade secrets	
	3	Legal Framework for IPR	
		a) National and International IP Laws	
		b) Role of WIPO (World Intellectual Property Organization), TRIPS Agreement	
	4	IP Management and Policy	
a) IP Strategy and Management, IP Policy Development			
b) Licensing and Technology Transfer			
c) IP Valuation and Commercialization			
2	PATENTS AND INDUSTRIAL DESIGNS		9
	1	Patents: Origin, meaning of patent, types.	
	2	Criteria for Patentability	
	3	Patent Application Process	
	4	Patent Infringement and Remedies	
	5	Rights and Limitations of Patent Holders	
	3	TRADEMARKS AND COPYRIGHTS	
1		Trademark Law: Concepts, registration process, and infringement.	
2		Copyright Law	
		a) Basics, protection	
		b) fair use	

		c) digital rights management.	
	3	Rights and Limitations of Trademark and Copyright Owners	

4	TRADE SECRETS AND EMERGING ISSUES		
	1	Trade Secrets: Definition and Importance of Trade Secrets	9
		a) Protection and Enforcement of Trade Secrets	
	2	Emerging Issues in Intellectual Property Law	
		a) Discussion on current trends and developments in IP law.	
		b) Analysis of recent court cases and their implications on IP protection.	
	3	Open Source Software and Intellectual Property	
		a) Definition, Comparison between open source and proprietary software in terms of IP implications.	

5	Teacher Specific Module		
	<i>Directions</i>		
	Discussion on IPR and its legal issues Assignments on IPR in software industry		T

Essential Readings:

1. Intellectual Property Law" by Lionel Bently and Brad Sherman
- 2 Intellectual Property Rights: Legal and Economic Challenges for Development" by Mario Cimoli, Giovanni Dosi, et al.
- 3 Intellectual Property: A Very Short Introduction" by Siva Vaidhyanathan

Assessment Rubrics:

Evaluation Type		Marks
End Semester Evaluation		50
Continuous Evaluation		25
a)	Test Paper- 1	5
b)	Model Examination	10

c)	Assignment- 2 Numbers	5
d)	Seminar	5
e)	Book/ Article Review	
f)	Viva-Voce	
g)	Field Report	
Grand Total		75

KU4VACCSC106: INFORMATION STORAGE MANAGEMENT

Semester	Course Type	Course Level	Course Code	Credits	Total Hours
4	VAC	100 -199	KU4VACCSC106	3	45

Learning Approach (Hours/ Week)			Marks Distribution			Duration of ESE (Hours)
Lecture	Practical/ Internship	Tutorial	CE	ESE	Total	
3	0		25	50	75	1.5hrs.

Course Description:

Information Storage and Management (ISM) is a unique course that provides a comprehensive understanding of the various storage infrastructure components in data center environments. The course enables participants to make informed decisions on storage-related technologies in increasingly complex IT environments, which are fast changing with the adoption of software-defined infrastructure management and third platform technologies (cloud, Big Data, social, and mobile technologies).

Course Prerequisite: NIL

Course Outcomes: