



Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam – 603 110
(An Autonomous Institution, Affiliated to Anna University, Chennai)

Department of Mechanical Engineering

Continuous Assessment Test – II

Regulations – R2018

A

Degree	B.E.	Branch	Mechanical Engineering
Semester	6	Date of CAT	09.05.2022
Subject Code & Name	UME1041 Intellectual Property Rights (OE)		
Time: 90 Minutes	Answer All Questions		Maximum: 50 Marks

(K1: Remembering, K2: Understanding, K3: Applying, K4: Analyzing, K5: Evaluating)

CO1:	Differentiate between different types of property (K3:A)
CO2:	Identify the type of protection for a given property and explain the procedure to obtain the same. (K3:A)
CO3:	Summarize the purpose and utility of Global treatment of patents (K3:A)
CO4:	Clarify the legislation of IPR in India. (K3:A)
CO5:	Explain litigation cases and apply litigation procedures in IPR. (K3:A)

Part – A (6 × 2 = 12 Marks)

	KL	CO	PI
1. Why registration of intellectual property is important?	K1	CO2	4.3.3
2. Why is IPR important to entrepreneurs?	K2	CO2	4.3.3
3. What is Berne Convention?	K2	CO2	4.3.3
4. What is Madrid Protocol?	K2	CO2	4.3.3
5. What is PCT?	K1	CO2	4.3.3
6. What is patent watch?	K1	CO2	4.3.3

Part – B (3 × 6 = 18 Marks)

	KL	CO	PI
7. Describe the things that can't be patented and copyrighted in India	K2	CO2	4.3.3
8. Discuss the necessity of copyright registration.	K3	CO2	4.3.3
9. Describe the GI registration process	K2	CO2	4.3.3

Part – C (2 × 10 = 20 Marks)

	KL	CO	PI
10. Discuss the form of register of copyrights	K3	CO2	4.3.3
OR			
11. Explain the process of acquiring patent in India	K3	CO2	4.3.3



12.	Explain the conditions when Trademark Rights can be lost	K3	CO2	4.3.3
OR				
13.	Describe registration of industrial designs in India and abroad	K3	CO2	4.3.3

Prepared By	Reviewed By	Approved By
K.S. Jais	K.S. Jais	B. Anand Rana

Degree	B.E.	Branch	Mechanical Engineering
Semester	6	Date of CAT	08.06.2022
Subject Code & Name	UME1041 Intellectual Property Rights (OE)		
Time: 90 Minutes	Answer All Questions		Maximum: 50 Marks

(K1: Remembering, K2: Understanding, K3: Applying, K4: Analyzing, K5: Evaluating)

CO1:	Differentiate between different types of property (K3:A)
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CO5:	Explain litigation cases and apply litigation procedures in IPR. (K3:A)

Part – A ($6 \times 2 = 12$ Marks)

	KL	CO	PI
1. What is IP Law?	K1	CO4	6.2.1
2. What are digital rights?	K2	CO4	6.2.1
3. What is cryptography?	K2	CO4	6.2.1
4. Write down the importance of cyber law	K2	CO4	6.2.1
5. What is DoS?	K1	CO4	6.2.1
6. What is cyber stacking?	K1	CO4	6.2.1

Part – B ($3 \times 6 = 18$ Marks)

	KL	CO	PI
7. Why digital innovation is important for today's business process?	K2	CO4	6.2.1
8. Explain the types of denial-of-service attacks (DOS)	K3	CO4	6.2.1
9. Discuss any case studies on unfair use of Competition Act	K2	CO4	6.2.1

Part – C ($2 \times 10 = 20$ Marks)

	KL	CO	PI
10. Discuss the ways for protection of digital / intellectual property	K3	CO4	6.2.1
OR			
11. What are the challenges to protect digital innovations?	K3	CO4	6.2.1
OR			
12. Explain salient features of the Competition Act 2002	K3	CO4	6.2.1
OR			
13. Describe the objectives of Competition Commission of India	K3	CO4	6.2.1

Degree	B.E.	Branch	Mechanical Engineering
Semester	6	Date of CAT	06.04.2022
Subject Code & Name	UME1041 Intellectual Property Rights (OE)		
Time: 90 Minutes	Answer All Questions		Maximum: 50 Marks

(K1: Remembering, K2: Understanding, K3: Applying, K4: Analyzing, K5: Evaluating)

CO1:	Differentiate between different types of property (K3:A)
CO2:	Identify the type of protection for a given property and explain the procedure to obtain the same. (K3:A)
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CO4:	Clarify the legislation of IPR in India. (K3:A)
CO5:	Explain litigation cases and apply litigation procedures in IPR. (K3:A)

Part – A (6 × 2 = 12 Marks)

		KL	CO	PI
1.	What is knowledge-based economy?	K1	CO1	6.2.1
2.	How IPR contributes to country's economic growth?	K2	CO1	6.2.1
3.	What are the eligibility conditions for a product to be patented?	K2	CO1	6.2.1
4.	What is the difference between invention and innovation?	K2	CO1	6.2.1
5.	What is industrial property?	K1	CO1	6.2.1
6.	What is trade secret?	K1	CO1	6.2.1

Part – B (3 × 6 = 18 Marks)

		KL	CO	PI
7.	What are objectives of Intellectual Property Rights?	K2	CO1	6.2.1
8.	What are the reasons for patenting the inventions?	K3	CO1	6.2.1
9.	Discuss any one IPR disputes in detail	K2	CO1	6.2.1

Part – C (2 × 10 = 20 Marks)

		KL	CO	PI
10.	Discuss the types of patents in more detail	K3	CO1	6.2.1
OR				
11.	Explain the copyrights in more detail	K3	CO1	6.2.1

12.	Explain the geographical indications with examples	K3	CO1	6.2.1
OR				
13.	Describe the nature of intellectual property	K3	CO1	6.2.1

Prepared By	Reviewed By	Approved By
Dr. K. S. Jayakumar	Dr. K. S. Jayakumar	Dr. B. Anand Ronald

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B.E. / B.Tech. End Semester Theory Examinations, Apr / May 2022

Sixth Semester

Chemical Engineering

UME1041 INTELLECTUAL PROPERTY RIGHTS

(Common to Electrical and Electronics Engineering, Computer Science and Engineering and
Information Technology)
(Regulations 2018)

Time: **Three Hours**

Answer ALL Questions

Maximum: 100 Marks

K1: Remembering

K2: Understanding

K3: Applying

K4: Analyzing

K5: Evaluating

PART – A (10 × 2 = 20 Marks)

01.	K1	What are Intellectual Property Rights (IPR)?	CO1
02.	K2	What are the advantages of owning a patent?	CO1
03.	K1	What is a trade secret?	CO2
04.	K2	Can a copyright be transferred?	CO2
05.	K2	Differentiate between Design Registration and Patents Registration.	CO3
06.	K1	What is the Budapest Treaty?	CO3
07.	K1	What are the cyber laws in India?	CO4
08.	K2	What is unfair competition?	CO4
09.	K1	What is an IP infringement?	CO5
10.	K2	What is the punishment in the Act for falsifying GI?	CO5

PART – B (5 × 6 = 30 Marks)

11.	K2	List out the reasons for Patenting Inventions.	CO1
12.	K3	Explain the Process of Acquiring a Patent in India.	CO2
13.	K2	Write in brief about the Way from WTO to WPO.	CO3
14.	K2	Enumerate the principal features of the Competition Act, 2003.	CO4
15.	K3	What conditions must be met to obtain patent protection?	CO5

PART – C (5 × 10 = 50 Marks)

16.	K3	Explain the process of Registering for Copyright.	CO1
OR			
17.	K3	What do you understand by the terms Inventions and Innovations? Explain.	CO1
OR			
18.	K3	Explain in detail the Procedure of Registration of Trademark in India.	CO2
OR			
19.	K4	Enumerate the steps involved in the Registration Process of Geographical Indication.	CO2
OR			
20.	K4	Enumerate the Basic Features, Advantages and Challenges faced by PCT.	CO3
OR			
21.	K3	List the salient features of the Patents Act, 1970.	CO3
OR			
22.	K4	Explain in detail, the ways for Protection of Digital / Intellectual Property.	CO4
OR			
23.	K4	Explain in detail as to how one can protect against Cyber Attacks.	CO4
OR			
24.	K3	What are the remedies available for different infringement cases in India?	CO5
OR			
25.	K4	Discuss a few case studies involving bio-piracy of traditional knowledge in India.	CO5

Course Outcomes:

CO1 Explain the concept of Intellectual property (K2: U)

CO2 Discuss the method for registration of intellectual property (K2: U)

CO3 Explain the legislative procedures in intellectual property (K2: U)

CO4 Discuss the digital developments in intellectual property (K2: U)

CO5 Explain the infringement and enforcement of intellectual property (K2: U)