



R22 Regulation

Subject code: E123PC2

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous, Accredited by NAAC with 'A+' Grade)

M.Tech III Semester Regular Examinations, January 2025

IPR

(Power Electronics)

Maximum Marks: 60

Date: 01.02.2025

Duration: 3 hours

- Note:
1. This question paper contains two parts A and B.
 2. Part A is compulsory which carries 10 marks. Answer all questions in Part A.
 3. Part B consists of 5 Units. Answer any one full question from each unit.
 4. Each question carries 10 marks and may have a, b, c, d as sub questions.

Part-A			CO	Bloom Tx
All the following questions carry equal marks (10X1M=10Marks)				
1.a)	Explain the need for protection of IP.		CO1	L1
b)	Distinguish between invention and innovation.		CO1	L1
c)	Outline the functions of a trademark		CO2	L1
d)	Illustrate the advantages of a trademark with example.		CO2	L1
e)	Infer the rights of reproduction of work.		CO3	L1
f)	Explain the different types of patents.		CO3	L1
g)	Discuss any two examples of trade secret.		CO4	L1
h)	What are the three essential legal requirements of trade secret?		CO4	L1
i)	Explain the term WIPO.		CO5	L1
j)	Distinguish between trademark Vs trade secret.		CO5	L1
Part-B				Bloom Tx level
Answer All the following questions. (5X10M=50Marks)				
2	A. Discuss the characteristics of Intellectual property. [5M] B. Illustrate different forms of IPR with examples. [5M]		CO1	L3 L3
OR				
3	A. Examine the importance of intellectual property. [5M] B. Explain the need for intellectual property laws. [5M]		CO1	L3 L3
4	A. Explain about the trademark registration process. [5M] B. Illustrate the process of selecting and evaluating trademark. [5M]		CO2	L3 L3
OR				
5	A. Discuss the acquisition of trademark rights. [5M] B. Explain infringement of trademarks. [5M]		CO2	L3 L3
6	A. Analyze new developments in the patent application [5M] B. Infer the rights under the copyright act 1976 [5M]		CO3	L3 L2
OR				
7	A. Explain when a copyright notice is issued. [5M] B. Elaborate patent application in India. [5M]		CO3	L3 L3

8	A. Infer the legal requirements of trade secret filing process. [5M] B. Examine the challenges faced by an organization with false advertising. [5M]	CO4	L2 L4
OR			
9	A. What are the implications of wrong advertisement? [5M] B. Explain few unfair competitions with real examples. [5M]	CO4	L1 L4
10	A. Explain the need for international property audits. [5M] B. Discuss how to protect the malfunctioning of the software. [5M]	CO5	L4 L5
OR			
11	A. What are the recent developments in patent laws? [5M] B. Explain the need of international property rights. [5M]	CO5	L1 L4