

CBCS SCHEME - Make-Up Exam

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BRMK557

Fifth Semester B.E/B.Tech. Degree Examination, June/July 2025

Research Methodology and IPR

Time: 3 hrs.

Max. Marks: 100

Note: 1. Answer any FIVE full questions, choosing ONE full question from each module.
2. M : Marks , L: Bloom's level , C: Course outcomes.

Module – 1			M	L	C
1	a.	Define Engineering Research. Explain the objectives of Engineering Research.	10	L1	CO1
	b.	Explain the types of Engineering Research.	10	L2	CO1
OR					
2	a.	Explain the ethical issues related to authorship.	10	L2	CO1
	b.	Explain the motivation of research in engineering.	10	L2	CO1
Module – 2					
3	a.	Explain the steps followed for literature review.	10	L2	CO2
	b.	Explain Web of science and Google Scholar.	10	L2	CO2
OR					
4	a.	Differentiate between citations and attributions.	10	L2	CO2
	b.	Explain the impact of Title and Keywords on citations.	10	L3	CO2
Module – 3					
5	a.	List the major amendments in IP laws and acts in India.	10	L3	CO3
	b.	Explain the types of Patents Applications.	10	L1	CO3
OR					
6	a.	Explain the role of IP in economic and cultural development of the society.	10	L2	CO3
	b.	Explain the different parts of a patent application with emphasis on importance of claims.	10	L2	CO3
Module – 4					
7	a.	Illustrate the steps involved in the process of trademark registration using flow chart.	10	L1	CO4
	b.	Explain the process of trademark registration.	10	L2	CO4

OR					
8	a.	Explain the types of copyright infringement with examples.	10	L2	CO4
	b.	Explain the key eligibility criteria that a trademark must need to qualify for trademark protection.	10	L2	CO4
Module – 5					
9	a.	Summarize the non protectable industrial designs in India.	10	L3	CO5
	b.	Discuss the case study of Basmati patent.	10	L3	CO5
OR					
10	a.	Define Geographical Indications (GI) with an example. What are the rights granted to GI holders?	10	L2	CO5
	b.	Using the concept of patent discuss the case study of Neem Patent.	10	L3	CO5

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