

**GIET UNIVERSITY, GUNUPUR - 765022**

M. Tech (First Semester) Examinations, January - 2024

MMCRM1050/MMCEC1050/MPCPE1050/MPCMD1050/MPCMT1030/MMCSE1050/MPCTE1050

Research Methodology & IPR

(Common to all Branches)

Time: 3 Hrs

Maximum: 70 Marks

(The figures in the right hand margin indicate marks.)

PART – A**(2 x 10 = 20 Marks)**

Q.1. Answer all questions

	CO#	Blooms Level
a. Mention the objectives of research.	CO1	K1
b. Identify Common mistake in formulating research topic.	CO1	K2
c. What are the characteristics of a good thesis research problem?	CO2	K1
E Explain plagiarism.	CO2	K1
e. Describe the Exploratory review.	CO3	K2
f. What is an abstract ?	CO3	K1
g. Discuss about copyrights.	CO1	K2
h. Write about Patenting.	CO1	K2
i. State the key points of a literature review.	CO2	K1
j. Describe Research proposal format.	CO3	K2

PART – B**(10 x 5=50 Marks)**Answer ANY FIVE questions

	Marks	CO#	Blooms Level
2. a. Identify the Sources of the research problem and how to analyze a problem.	5	CO1	K2
b. Describe the Characteristics of a good thesis research problem and Formulation of Research problem.	5	CO1	K1
3.a. Describe Literature review and explain the Purposes of literature review.	5	CO3	K1
b. Explain the Types of Literature Review On the purpose of research.	5	CO3	K2
4. a. Write short notes on the following:	5	CO3	K2
i. Designs			
ii. Trade Marks			
iii. Copyright			
b. Write one case study on traditional knowledge.	5	CO3	K1
5.a. Describe the Criteria of a Good Research Problem.	5	CO1	K1

b.	Explain the Data collection analysis interpretation.	5	CO1`	K3
6. a.	Differentiate between Unregistered and Registered Trademark.	5	CO4	K2
b.	Describe “Patent information and databases”.	5	CO4	K2
7.a.	Write about Administration of patent system.	5	CO4	K3
b.	Explain the IPR of computer software.	5	CO4	K3
8. a.	Explain Geographical indications.	5	CO4	K1
b.	Describe the Procedure for grants of patents.	5	CO4	K1

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