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GIET UNIVERSITY, GUNUPUR – 765022

M. Tech (First Semester – Regular) Examinations, June – 2021

Sub. Code – MPECS1050/MPEEC1050/MPCTE1030/MPCPE1050/MPCMD1030/MPCMT 1030

Subject Name: RESEARCH METHODOLOGY AND IPR

(Common to CSE, ECE, PE, MD, MT, HPTE)

Time: 2 hrs

Maximum: 50 Marks

The figures in the right hand margin indicate marks.

PART – A

(2 x 10 = 20 Marks)

Q1. Answer **ALL** questions

- a. What do you mean by a research problem?
- b. What is Plagiarism? Give example.
- c. What is research ethics?
- d. What is a research proposal?
- e. Define Patent.
- f. Differentiate innovation and invention.
- g. Briefly explain the Patent Cooperation Treaty (PCT)
- h. What is transfer of technology?
- i. What do you mean by patent rights?
- j. Give two examples for Geographical Indications.

PART – B

(6 x 5 = 30 Marks)

Answer ANY FIVE questions

Marks

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| 2. Explain the characteristics of a good research problem. | (6) |
| 3. What are the different types of data? Give examples. | (6) |
| 4. Explain the uses of a literature review. | (6) |
| 5. What is IPR? What are the components of IPR? | (6) |
| 6. Write a note on the International cooperation on Intellectual Property. | (6) |
| 7. Explain the procedure for grant of patents and the scope of patent rights | (6) |
| 8. What is Geographical Indications? What are the advantages of it? | (6) |

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