

Your Roll No.....

**M. TECH. (CSE/ DS/ CFIS) 2025 Semester Examination
RESEARCH METHODOLOGY & IPR**

Max Marks: 60

Time: 2.5 hrs

MTCSE 103/ MTCFIS 103/ MTDS 103

SECTION A (ATTEMPT ALL)

4*5=20

Q. No	Question	CO	BL
1	What are different types of Licensing Agreements? Explain the concept of Licensing in and Licensing out.	5	5
2	Write an abstract on the topic "Machine Learning in Healthcare".	3	4
3	Compare patents and copyright on the following parameters: 1. its meaning 2. Registration 3. Fees and Duration	4	1,3,5
4	does search and research mean the same or are they different? How is a research problem identified?	1	4

**SECTION B
ATTEMPT ANY FOUR QUESTIONS**

4*10= 40

No.	Question	CO	BL
1	Can a patent granted by a country be withdrawn on appeal of another country. Explain with respect to a case study.	6	4
2	Mention the flow of a research paper and its content in form of pointers	3	4
3	Does any ethical issues arise while writing? Mention. What is meant by Plagiarism.	2	3
4	Explain the following terms w.r.t. IPR: a. Fair use b. Infringement c. Its remedies	4	3
5	Explain the approach used for an effective literature study of a problem.	2	3
6	Explain the following concepts related to research: a. Quantitative data b. Qualitative data c. Sample d. Population e. Collection method using Observation	1	2