

Roll No.

Total No. of Pages : 01

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M.Tech. (CSE / ECE / EE / VLSI / Power System) (Sem.-1)

RESEARCH METHODOLOGY AND IPR

Subject Code : MTRM-101-18

M.Code : 75161

Date of Examination : 21-01-2023

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of EIGHT questions.
2. Each question carries TWELVE marks.

1. How we can identify the research problem? Discuss the characteristics of good research problem.
2. What are ethics in research? Why it is important? Discuss few best practices to follow the research ethics.
3. How to develop a research proposal? Discuss the format of the research proposal in detail.
4. What are Intellectual Property Rights? Discuss methods of protecting the different innovations.
5. Can we take patent for software? What are advantages of filing a patent? How to get patent for an idea in India?
6. What is plagiarism? Discuss some common types of plagiarism. How we can detect the plagiarism?
7. Define technology licensing. Discuss different methods of technology transfer and different between exclusive and non-exclusive method of Technology transfer.
8. **Write a short note on :**
 - a) Significance of mentioning scope of the research problem
 - b) Identifying the research gaps
 - c) Data Collection.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.