

Reg. No. :.....

Name :.....

Second Semester M.Tech. Degree Examination, September 2015

(2013 Scheme)

Branch: Mechanical Engineering

MCC 2000 : RESEARCH METHODOLOGY

Time: 3 hours

Max. Marks: 60

Instructions:

- 1) Answer **two** full questions from **each** Module.
- 2) **Each** question carries **10** marks.

MODULE – I

1. Define Research methodology. Explain the different types of research.
2. Distinguish between Research Methods and Research Methodology.
3. Discuss various steps involved in research process.

MODULE –II

4. What is research design? Explain the principle and its need.
5. Explain the steps involved in critical research review.
6. What are the types of data? Explain the different data collection methods.

MODULE–III

7. Explain in detail about various structure and components of technical reports.
8. Discuss various presentation techniques.
9. Comment on
 - a. Ethical Committee.
 - b. Intellectual Property Right.
 - c. Plagiarism.
 - d. Index Factor.
 - e. Patent Law.

