

20PEB405					PRE-PROJECT DISSERTATION		
Teaching Scheme					Examination Scheme		
L	T	P	C	Hours/Week	Report Writing	V/V	Total Marks
-	-	10	5	10	-	-	-

### COURSE OBJECTIVES

- Develop skills to identify research problem.
- To develop capacity to compute, analyze and interpret basic descriptive and inferential statistics from experiments and literature data
- Develop Team working skills and communication skills
- To develop skill of literature survey and retrieving of data

### COURSE CONTENT

**Aim:** To address specific industry and research related problems.

**Unit 1:** Literature survey, reading understanding and analysing research papers

**Unit 2:** Experimentation and data analysis and Synthesis

**Unit 3:** Outcome, discussion and conclusion

**Unit 4:** Report Writing, Presentation and Viva-Voce

**NOTE the Project in 7<sup>th</sup> Semester and 8<sup>th</sup> Semester are continuous.**

### COURSE OUTCOMES

On completion of the course, student will be able to

CO1- Demonstrate the capability to generate relevant information from literature survey

CO2- Acquire research skills to identify the research problem and Knowledge Gap

CO3- Formulate the Research methodology and design experiments for primary data generation

CO4- Acquaint with the modern research analysis tools, software and instruments.

CO5- Capable of working as individual and team player for designing the research project

CO6- Develop communication skills, both written and oral.

### REFERENCE BOOKS AND SOFTWARE

1. Kothari, C. P. (2008) Research Methodology: Methods and techniques,
2. Murray, R (2002) How to write a thesis, McGraw Hill Publication
3. Recent ENDNOTE Software for referencing
4. JABREF for Referencing.

### END SEMESTER EXAMINATION QUESTION PAPER PATTERN

**Max. Marks: 100**

**PART A:** Evaluation Based on the class performance and Laboratory book

**PART B:** Viva Examination based conducted experiments

**Exam Duration: 3 Hrs.**

**50Marks**

**50 Marks**