

## DISSERTATION PHASE - I

Semester III (Computer Engineering)

SUB CODE: MECE304

### Teaching Scheme (Credits and Hours)

Teaching scheme				Total Credit	Evaluation Scheme					
L	T	P	Total		Theory		Mid Sem Exam	CIA	Pract.	Total
Hrs	Hrs	Hrs	Hrs		Hrs	Marks	Marks	Marks	Marks	Marks
00	00	15	15	15	0	0	0	50	150	200

### LEARNING OBJECTIVES:

The objective of this course is

- To develop and test one's ability to learn independently.
- To apply the concepts and theories learnt in previous years of study and work placements.
- To test one's ability to complete a substantial piece of work to a laid-down standard and within a given time period.
- To Identifying a topic and developing a research question or set of questions within an academically sound framework connected to specialization.
- To investigate the chosen topic in depth. This implies collecting and reviewing literature (e.g. books, papers, journals, websites, proceedings etc.) and understanding and interpreting the most up-to-date concepts and theories of your chosen academic field and/or thesis topic.

### OUTLINE OF THE COURSE:

- The Dissertation shall be related to the major field of his/her PG specialization work.
- The Dissertation should be one of the major pieces of evidence that students are familiar with or that student wants to be familiar with. It should reflect your specialist subject by means of deep and sustained study.
- The dissertation work shall be carried out by each candidate independently during the third and fourth semester under the guidance of one of the faculty members of the Department. If

the project work is of inter-disciplinary nature, a co-guide shall be taken from the same or any other relevant Department.

- Dissertation Phase-I includes literature review, required theoretical input, study and comparison of various approaches for the proposed dissertation work.

#### **INSTRUCTIONAL METHOD AND PEDAGOGY (Continuous Internal Assessment (CIA) Scheme)**

- Student has to submit a dissertation proposal indicating the tentative title and broad outline of the proposed work and the name(s) of the supervisor(s) along-with their concurrence in writing within 30 days from the starting of the third semester.
- Dissertation Phase-I will be evaluated at least once during the semester and at the end of the semester as a part of continuous evaluation.
- After successful completion of Dissertation Phase-I only students are allowed to go register for Dissertation Phase-II.

#### **STUDENTS LEARNING OUTCOMES:**

On successful completion of the course, the student will:

- At the end of the course the student's gets exposure to construct and justify research questions related to the topic.
- Each student will be in a position to design a research investigation that incorporates appropriate theoretical approaches, conceptual models, and a review of the existing literature.
- Students will learn to structure a discussion in a coherent and convincing way by synthesizing the material in the context of the research questions.
- Students will be having sufficient collection of the literature/experimental data for the implantation/experimentation in Dissertation Phase-II.