COURSE TITLE	**DISSERTATION PHASE - I**
COURSE CODE	**01CO2303**
COURSE CREDITS	**10**

Objective:

1 To undertake research in an area related to the program of study so as to make significant or at least decent contribution to research. Thesis work may be an expansion on past work in the field or an improvement to the existing state-of-the-art. It might also reaffirm the results of previous work or solve new problems, or develop new theories. In short, thesis is to contribute something new to the field with proper proof and analysis.

Course Outcomes: After completion of this course, student will be able to:

1 Acquire knowledge about existing research on selected area of technology.

2 Identify open research directions and decide research problem.

3 Acquire knowledge of software/hardware tools necessary to implement solution of research problem.

4 Apply the acquired knowledge to carry out implementation.

5 Design solution of research problem.

6 Develop effective communication skills for oral and written presentation of research work.

Pre-requisite of course: Basic knowledge of any domain/research area

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
0	0	20	0	0	0	150	150

Contents : Unit	Topics	Contact Hours
Total Hours		

Suggested List of Experiments:

Contents : Unit	Topics	Contact Hours
Total Hours		

Suggested Theory Distribution:

The suggested theory distribution as per Bloom's taxonomy is as follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

DR. KRUNAL NARUMAL VAGHELA
Digitally signed by (Name of HOD)

DR. RAJENDRASINH BAHADURSINH JADEJA
Digitally signed by (Name of Dean/ Principal)

Distribution of Theory for course delivery					
Remember / Knowledge	**Understand**	**Apply**	**Analyze**	**Evaluate**	**Higher order Thinking / Creative**
0.00					

Instructional Method:

1 The Major Part I is aimed at training the students to analyze the research issues in the field of computer engineering independently. The study focus is to be analytical or computational or experimental or combination of them based on the current trends in the said area.

2 At the end of the semester, the students will be required to submit detailed analytical survey. The dissertation phase-1 should cover critical literature review with broad perspective research and preliminary work pertaining to the said work.

DR. KRUNAL NARUMAL VAGHELA
Digitally signed by (Name of HOD)

DR. RAJENDRASINH BAHADURSINH JADEJA
Digitally signed by (Name of Dean/ Principal)