INSTITUTE	**FACULTY OF TECHNOLOGY**
PROGRAM	**BACHELOR OF TECHNOLOGY (COMPUTER ENGINEERING)**
SEMESTER	**6**
COURSE TITLE	**MINI PROJECT**
COURSE CODE	**01CE0609**
COURSE CREDITS	**2**

Objective:

1 The objective is to analyze real world problems and solve it using acquired engineering knowledge which will help students in transition from traditional practical work to open ended project and platform to students to enhance their practical knowledge skills by development of small-scale project

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

1 Apply the acquired engineering knowledge to practical situations

2 Formulate a real-world problem and develop its requirements

3 Develop a design solution for a set of requirements.

Pre-requisite of course:NA

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
0	0	4	0	0	0	25	25

Contents : Unit	Topics	Contact Hours
Total Hours		

Suggested List of Experiments:

Contents : Unit	Topics	Contact Hours
1	**Phase 1** Project Identification	4
2	**Phase 2** Requirement gathering & Analysis of existing similar work	4
3	**Phase 3** Design Solution / Prototype development and validation against original requirement	4

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Suggested List of Experiments:

Contents : Unit	Topics	Contact Hours
4	**Phase 4** Project Implementation	12
5	**Phase 5** Report Writing and Presentation	4
Total Hours		**28**

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

Distribution of Theory for course delivery and evaluation

Remember / Knowledge	Understand	Apply	Analyze	Evaluate	Higher order Thinking
0.00	0.00	0.00	0.00	0.00	0.00

Instructional Method:

1. The course delivery method will depend upon the requirement of content and need of students. The teacher in addition to conventional teaching method by black board, may also use any of tools such as demonstration, role play, Quiz, brainstorming, MOOCs etc.
2. The internal evaluation will be done on the basis of continuous evaluation of students in the laboratory and class-room
3. Practical examination will be conducted at the end of semester for evaluation of performance of students in laboratory
4. Students will use supplementary resources such as online videos, NPTEL videos, e-courses, Virtual Laboratory

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