INSTITUTE	**FACULTY OF TECHNOLOGY**
PROGRAM	**BACHELOR OF TECHNOLOGY (CIVIL ENGINEERING)**
SEMESTER	**8**
COURSE TITLE	**PROJECT/ INTERNSHIP**
COURSE CODE	**01CI2803**
COURSE CREDITS	**12**

Objective:

1 Leverage knowledge to define industry, research, or societal problems.
2 Systematically analyze project technicalities for optimal solutions
3 Evaluate and choose cost-effective solutions with ethical considerations.
4 Recognize the importance of health, safety, environment, and IP in project execution.

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

1 Apply knowledge to identify and define industry/research/societal problems
2 Analyze project technicalities using a systematic approach for optimal solutions
3 Evaluate and select cost-effective solutions while considering ethical implications.
4 Demonstrate the importance of health, safety, environment, and intellectual property.

Pre-requisite of course: Technical concepts of all the civil engineering subjects

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
0	0	24	0	0	0	100	100

Contents : Unit	Topics	Contact Hours
Total Hours		

Suggested List of Experiments:

Contents : Unit	Topics	Contact Hours
1	**Phase-1** Introduction to Problem Identification and Definition	50
2	**Phase-2** Literature Review and Methodology	106
3	**Phase-3** Project Outline, Design and Analysis	110

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Suggested List of Experiments:

Contents : Unit	Topics	Contact Hours
4	**Phase-4** Project Execution and Report Writing	70
Total Hours		**336**

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					
Remember / Knowledge	**Understand**	**Apply**	**Analyze**	**Evaluate**	**Higher order Thinking / Creative**
5.00	20.00	15.00	20.00	10.00	30.00

Instructional Method:

1. Type of Project will be assigned to an individual/ group of students based on their inclination/ willingness/ interest
2. The project may include a site visit/ software training/ research project/real-life problem as per the project type, where individual/ group of students can avail an opportunity to build an appreciation for the concepts to be utilized in understanding the actual scenario.

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