

INSTITUTE	DIPLOMA STUDIES
PROGRAM	DIPLOMA ENGINEERING (COMPUTER ENGINEERING)
SEMESTER	6
COURSE TITLE	PROJECT – II
COURSE CODE	09CE1602
COURSE CREDITS	6

Objective:

- 1 Students will identify the need of industry, explore latest technologies, work on industry or social problems with team members.

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

- 1 To understand, analyse real problems of industry or society and provide solutions for those problems.
- 2 To identify practical aspect of studied technologies
- 3 To communicate in the way industry demands in oral and documented way.
- 4 To demonstrate teamwork and leadership quality
- 5 To present and document implemented work effectively

Pre-requisite of course:Syllabus of PROJECT – II

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
0	0	12	0	0	0	100	100

Contents : Unit	Topics	Contact Hours
Total Hours		

Suggested List of Experiments:

Contents : Unit	Topics	Contact Hours
1	Project/Problem Identification Project/Problem Identification	18
2	Project Analysis, Requirement Gathering Project Analysis, Requirement Gathering	20
3	Project Design / Prototype Development Project Design / Prototype Development	20
4	Implementation of Project/Solution Implementation of Project/Solution	56

Suggested List of Experiments:

Contents : Unit	Topics	Contact Hours
5	Testing and Verification Testing and Verification	18
6	Presentation and execution's Presentation and Report Writing	36
Total Hours		168

Textbook :

- 1 NA, NA, NA, NA

References:

- 1 Computer project manuals
- 2 All technical journal and manual related to computer engineering project

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
20.00	30.00	40.00	10.00	0.00	0.00

Instructional Method:

- 1 Prepare and submit complete project/training work with implementation and report
- 2 Report regarding stage wise progress to institute guide regularly.
- 3 Practicing of latest software and tool used for project/training work.

Supplementary Resources:

- 1 <https://cse.final-year-projects.in/>
- 2 <https://www.geeksforgeeks.org/>
- 3 <https://nevonprojects.com/>