

GANPAT UNIVERSITY									
FACULTY OF ENGINEERING & TECHNOLOGY									
Programme	Diploma Engineering				Branch	Computer Engineering			
Semester	V				Version	1.0.0.0			
Effective from Academic Year			2020-21		Effective for the batch Admitted in			JULY 2018	
Subject code	1CE2506		Subject Name		Project -1				
Teaching scheme					Examination scheme (Marks)				
(Per week)	Lecture(DT)		Practical(Lab.)		Total	CE	SEE	Total	
	L	TU	P	TW					
Credit	00	00	2	00	2	Theory	00	00	00
Hours	00	00	2	00	2	Practical	30	20	50

Pre-requisites:
Understanding of Tools & Technology and Database Management System

Course Learning Outcomes:
After successful completion of this course, student will be able to
T1 Develop an application using different technology
T2 Learn how to work in a team.
T3 Think and apply new ideas in developing a project.

Guidelines
Project –I should be extended in semester – VI with necessary modification given by the concerned guide.

Name of UNIT	Unit Content	Unit Learning Outcomes	Hrs
UNIT – 1 Project identification	1.1 Students have to take a project development work under the guidance of faculty member using the knowledge of subjects that he/she has learned up to 4 <sup>th</sup> semester.	1.1 Select Software project definition	4
UNIT – 2 Analysis	2.1 Explain in detail any relationship between the system you intend to produce and the existing manual system. 2.2 Identify user requirements for the project 2.3 What hardware and software will be used and why? You should show an appreciation of the full potential of the hardware and software that you intend to use 2.4 List the Inputs, Outputs and Processes. Fully explain the information flow	2.1 Explain how the new system will improve the current System 2.2 Identify user requirements 2.3 List various hardware and software used in system 2.4 Identify the information flow of the system	16

UNIT – 3 Design	3.1 Select Appropriate Database as per your requirement 3.2 Produce various diagrams, Break down all envisaged tasks into sub-tasks	3.1 Design database as per requirement 3.2 Construct different types of diagrams and process decomposition	10
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