

GANPAT UNIVERSITY									
FACULTY OF DIPLOMA ENGINEERING									
Programme		Diploma Engineering				Branch/Spec.	Electronics and Communication Engineering		
Semester		VI				Version	1.0.0.0		
Effective from Academic Year			2026-27			Effective for the Batch admitted in		July 2024	
Course Code		1EC6103	Course Name			Project Development and Internship			
Teaching Scheme						Examination Scheme (Marks)			
(Per week)	Lecture (DT)		Practical (Lab.)		Total		CE	SEE	Total
	L	TU	P	TW					
Credit	0	0	8	0	8	Theory	00	00	00
Hours	0	0	16	0	16	Practical	100	100	200
Pre-requisites									
Fundamentals of Electronics and Communication Engineering, Basic use of simulation and design tools									
Course Outcomes									
On successful completion of the course, the students will be able to:									
CO1	Design and develop innovative solutions for real-world problems by applying engineering knowledge and contemporary tools.								
CO2	Analyze complex problems and develop feasible solutions considering technical, economic, and societal aspects.								
CO3	Demonstrate project management skills through effective planning, documentation, and implementation while working in teams.								
CO4	Present technical solutions professionally through proper documentation, demonstration, and communication.								
Guidelines:									
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- Students must follow a systematic engineering design approach and maintain a project logbook. - Internship should be undertaken in a recognized industry, research organization, startup, or government body relevant to the program. - Internship objectives must be defined and approved by the department/institute before commencement. - Students are required to maintain an internship logbook/diary and follow organizational discipline. - A completion certificate from the organization is mandatory. - Students must submit an internship report detailing work carried out, learning outcomes, and skills acquired. - Internship assessment may include report evaluation, presentation, and viva-voce.
Scope of work
The students are encouraged to utilize state of the art technologies, tools for development, testing and documentation of the project.

Mapping of CO with PO and PSO:															
	P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 10	P O 11	P O 12	P S O 1	P S O 2	P S O 3
CO1	3	2	3	2	3	1	1	1	1	1	1	2	2	1	1
CO2	2	3	2	2	1	2	2	1	0	1	1	2	1	2	2
CO3	1	2	2	1	1	0	0	1	3	2	3	2	2	1	1
CO4	1	1	1	1	1	0	0	1	2	3	1	2	1	2	2