GANPAT UNIVERSITY

FACULTY OF ENGINEERING & TECHNOLOGY

Programme	Bachelor of Technology	Branch/Spec.	Computer Engineering (Artificial Intelligence)
Semester	VII	Version	1.0.0.0
Effective from Academic Year	2022-23	Effective for the batch Admitted in	July 2019
Subject code	2CEIT703	Subject Name	Capstone Project-III

Teaching scheme						Examination scheme (Marks)			
(Per week)	Lecture (DT)		Practical (Lab.)		Total		CE	SEE	Total
	L	TU	P	TW					
Credit	-	-	6	-	6	Theory	-	-	-
Hours	-	-	12	-	12	Practical	60	40	100

Pre-requisites:

Understanding of latest Tools & Technology and Database Management System, critical & innovative thinking, Problem solving mindset

Learning Outcome:

After successful completion of this course, student will be able to

- To identify the problem by applying acquired knowledge
- To analyze and categorize executable project modules after considering risks
- To choose efficient tools for designing project modules
- To combine all the modules through effective team work after efficient testing
- To elaborate the completed task and compile the project report

Practical content

Sr. No.	Content
1.	Problem Identification
2.	Defining Problem Statement
3.	Requirement gathering & Analysis
4.	Finding Technological Solutions / Idea Pitching
5.	Feasibility Study
6.	Prototype Design
7.	Implementation
8.	Testing
9.	Technical Report Writing

Course Outcomes

After completing this course, students will able to:

CO1	Identify the problem by applying acquired knowledge
CO2	Analyze and categorize executable project modules after considering risks
CO3	Choose efficient tools for designing project modules
CO4	Combine all the modules through effective team work after efficient testing
CO5	Develop professional etiquette to work in a diverse team
CO6	Integration and application of knowledge and skills acquired
CO7	Bring novel ideas into innovation
CO8	Technical report writing. Elaborate the completed task and compile the project report

Mapping with CO & PO

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12

Name of Mapping	Knowledge	Ability To Identify	Design A Hardware HW/SW Components	Technology Problem	Latest Technologies	Societal Safety issue	Impact of Engg. Sol. On Society.	Ethical Responsibilities	Team Project	Communicate Effectively	Manage Projects	Life-Long Learning
	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3	3	2	3	1	0	0	0	3	3	3	2
CO2	3	2	2	2	2	1	1	1	3	3	3	2
CO3	3	2	2	2	2	1	1	1	3	3	3	2
CO4	3	2	2	3	2	1	1	1	3	3	3	2
CO5	3	2	3	3	2	0	0	0	3	3	3	2
CO6	3	2	3	3	2	1	1	1	3	3	3	2
CO7	3	2	3	3	3	1	1	1	3	3	3	2
CO8	3	2	2	2	2	0	0	0	3	3	3	2