

GANPAT UNIVERSITY										
FACULTY OF ENGINEERING & TECHNOLOGY										
Programme		Master of Technology				Branch/Spec.	Computer Engineering (Artificial Intelligence)			
Semester		IV				Version	1.0.0.0			
Effective from Academic Year			2026-27			Effective for the Batch admitted in			July 2025	
Course Code		3CEAI401	Course Name			Dissertation Part-II/Major Project Part-II				
Teaching Scheme						Examination Scheme (Marks)				
(Per week)	Lecture (DT)		Practical (Lab.)		Total			CE	SEE	Total
	L	TU	P	TW						
Credit	0	0	16	0	16	Theory	0	0	0	
Hours	0	0	32	0	32	Practical	150	150	300	
Pre-requisites										
1. Proficiency in reading and understanding research papers and technical documentation 2. Proficiency in at least one programming language relevant to data science 3. Strong foundation in Artificial Intelligence, Machine Learning, Deep Learning and essential mathematical techniques relevant to data science research										
Course Outcomes										
On successful completion of the course, the students will be able to:										
CO1	Identify and formulate a research problem and plan an independent research project using appropriate methodology.									
CO2	Design and implement effective solutions for complex or real-time problems in the chosen domain.									
CO3	Analyze, validate and interpret the results obtained from the research work.									
CO4	Prepare technical documentation and present the research work clearly and professionally.									
Practical Content										
Major research project work in the domain of Artificial Intelligence shall continue from the previous semester. An expert committee will conduct the end-term evaluation based on research progress, implementation, experimental validation and dissertation report. Students are required to prepare a research paper based on their project work and are encouraged to submit it to a reputed national/international conference or journal in the field of AI.										

	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 S O 1	P S O 2	P S O 3
CO1	3	3	2	3	1	1	2	1	1	1	2	2	1	2
CO2	3	3	3	2	3	1	1	2	1	2	1	3	3	3
CO3	3	3	2	3	2	1	1	1	1	1	2	2	2	2
CO4	2	1	1	1	1	1	2	2	3	2	3	1	1	2