

GANPAT UNIVERSITY									
FACULTY OF ENGINEERING & TECHNOLOGY									
Programme		Master of Technology				Branch/Spec.	Computer Engineering (Artificial Intelligence)		
Semester		III				Version	1.0.0.0		
Effective from Academic Year			2026-27			Effective for the Batch admitted in			July 2025
Course Code		3CEAI301	Course Name			Dissertation Part-I/Major Project Part-I			
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	100	100	200
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	Carry out and comprehend literature surveys in the area of interest.								
CO2	Find and realize the research scope in an identified project or research area.								
CO3	Apply the knowledge in solving the complex problem.								
CO4	Communicate in written form and present the project or research ideas and solutions in an elegant manner.								
Practical Content									
Students shall undertake a major research-oriented project in the domain of Artificial Intelligence, either under the supervision of faculty or in collaboration with a reputed research organization/industry. The work should involve problem identification, literature review and proposal of methodology. Students must submit the project proposal, including problem definition and research plan, at the beginning of the semester. Evaluation will be conducted at the end of the 3rd semester and the research work shall continue in the subsequent semester toward dissertation submission.									

	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	1	2	1	1	2	3	2	1	0	1	2	3	3	2
CO2	1	2	1	1	1	3	1	2	0	2	3	3	2	2
CO3	3	3	3	3	3	3	1	2	0	3	3	2	3	3
CO4	1	2	2	2	3	3	1	2	0	3	3	2	3	3