

GANPAT UNIVERSITY

FACULTY OF ENGINEERING & TECHNOLOGY

Programme	Master Engineering	Branch/Spec.	Mechanical Engineering (Specialization in Additive Manufacturing)						
Semester	IV	Version	1.0.0.0						
Effective from Academic Year	2026-27		Effective from the batch Admitted in	July 2026					
Subject code	3ME4121	Subject Name	Dissertation Part-II						
Teaching scheme			Examination scheme (Marks)						
(Per week)	Lecture(DT)		Practical(Lab.)		Total		CE	SEE	Total
	L	TU	P	TW					
Credit	0	0	15	0	15	Theory	0	0	0
Hours	0	0	30	0	30	Practical	150	150	300

Pre-requisites:

Learning Outcome:

After learning this course, the student would be able to:

- Design, Development, optimization and simulation work in Dissertation.
- Analyze the industrial problems in chosen field of Dissertation.
- Improve the presentation skills.

Theory syllabus

Unit	Content	Hrs
1	In dissertation students will carried out a research project in any area of his/her interest concern of faculty member (Guide) throughout the semester.	420

Course Outcome:

CO1	- Demonstrate knowledge of contemporary issues in their chosen field of Research.
CO2	- Demonstrate ability to present and defend their Research work to a panel of experts.
CO3	- Demonstrate a depth of knowledge of Mechanical Engineering.
CO4	- Complete an independent research project, resulting in at least a thesis publication, and research outputs in terms of publications in high impact factor journals, conference proceedings

Mapping of CO and PO:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	3	0	0	0	0	0	1	0	2	0	2	0	3
CO2	2	2	3	0	0	0	0	0	1	0	2	0	2	0	3
CO3	3	3	3	0	0	0	0	0	1	0	1	0	2	0	2
CO4	3	2	0	0	0	0	0	0	1	0	0	0	3	0	0