

GANPAT UNIVERSITY									
FACULTY OF ENGINEERING & TECHNOLOGY									
Programme	Masters of Technology				Branch/Spec.	Electrical (Renewable Energy)			
Semester	III				Version	1.0.0.0			
Effective from Academic Year		2026-2027			Effective for the batch Admitted in			July 2025	
Subject code	3EE3101		Subject Name		Dissertation 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	200	200	400
Pre-requisites:									
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Course Outcomes:									
On successful completion of the subject, students should be able to,									
CO1	Apply appropriate theoretical approaches, conceptual models, and literature review methods to formulate research problem.								
CO2	Analyse literature, research gaps, and experimental or simulation data to address research questions.								
CO3	Evaluate research methodologies, data sources, and implementation results with respect to research objectives.								
CO4	Design a complete research study and prepare a quality dissertation report based on validated results.								
Theory syllabus									
<p>In the first part of the dissertation, a student must decide their final topic for dissertation, scope of work, and action plan for various stages of dissertation part I & Part II. The student must give an internal presentation on their dissertation work during the semester. A student must prepare and submit a report on dissertation part I.</p> <p>The dissertation report for part I shall include:</p> <ul style="list-style-type: none"> ● Literature review ● Scope of work ● Action plan for part I & part II ● Industrial visits ● Dissertation work done so far <p>A student has to defend their work before the examiners at the end of the semester.</p>									

Mapping of CO with PO and PSO:															
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3	3	3	2	2	1	1	2	3	2	1	3	2	2
CO2	2	2	1	1	2	2	3	1	1	3	2	2	2	2	3
CO3	2	2	1	1	1	1	1	2	1	1	1	2	3	3	3
CO4	1	2	2	3		1	1	1	1	3	1	1	2	2	2