



# GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering

Subject Code : 3730011

Subject Name : Internal Review-I

WEF Academic Year:	2023-2024
Semester:	3
Category of the Course:	Core

## Course Scheme:

Teaching Scheme			Total Credits	Assessment Pattern and Marks				Total Marks
L	T	PR	C	Theory		Practical		
				ESE (E)	PA(M)	ESE (V)	PA (I)	
0	0	8	4	0	0	0	50	50

## The objective of the Internal Review - I

Dissertation is an essential component where student identify a topic of concern to their field and read, understand, and incorporate the relevant literature into a new research problem to be investigated. The dissertation process allows students to design and implement a study that illuminates the research question, followed by analyzing the data, discussing the results, and identifying the implications. During the 3rd semester, students will carry out the partial work of the dissertation on identified research issues. Students will be recommended for the university-level dissertation phase-I upon completing the internal review.

## Course Outcome:

Following are the expected outcome at the end of the 3rd semester. Students will be able to,

No	Course Outcomes	RBT Level*
01	Understand the chosen research topic and its relevant challenges.	UN
02	Systematically identify relevant theoretical concepts and appropriate quality literature from reputed recent journal publications to validate the problem statement.	UN
03	Do a comparative analysis of the existing solutions for the chosen research problem and identify the further scope of work.	AN



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04	Evaluate the comparative analysis with relevant quantitative and qualitative performance parameters using problem-specific datasets.	EL
05	Design a hypothesis with significant technicality using the appropriate algorithm/methodology to solve the chosen research problem.	CR

\*RM: Remember, UN: Understand, AP: Apply, AN: Analyze, EL: Evaluate, CR: Create

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