

<b>Name of Faculty</b>	:	Faculty of Engineering & Technology
<b>Name of Program</b>	:	Master of Technology (M. Tech)
<b>Course Code</b>	:	2MTE03
<b>Course Title</b>	:	Project Preliminary
<b>Type of Course</b>	:	PI
<b>Year of Introduction</b>	:	2023-24

<b>Prerequisite</b>	:	Fundamentals about mini project
<b>Course Objective</b>	:	To enable project identification and execution of preliminary work on final semester project
<b>Course Outcomes</b>	:	At the end of this course, students will be able to:
	CO1	Identify engineering problems reviewing available literature.
	CO2	Study different techniques used to analyze complex systems.
	CO3	Solve a live problem using software/analytical/computational tools and present solution by using

#### Teaching and Examination Scheme

Teaching Scheme (Contact Hours)			Credits	Examination Marks				
L	T	P		C	Theory Marks		Practical Marks	
SEE	CIA	SEE	CIA					
00	00	10	05	00	00	70	30	100

*Legends: L-Lecture; T-Tutorial/Teacher Guided Theory Practice; P - Practical, C - Credit, SEE - Semester End Examination, CIA - Continuous Internal Assessment (It consists of Assignments/Seminars/Presentations/MCQ Tests, etc.)*

#### Course Content

Unit No.	Topics	Teaching Hours	Weightage
1	A mini project requires comparatively less time than major projects. They are comparatively simpler and have shorter duration. Mini Project helps students to explore and strengthen the understanding of fundamentals through practical application of theoretical concepts. Mini Project can help them to boost their skills and widen their horizon of thinking. It will act like a beginners guide to undertake the major project/dissertation during the final year and will ensure preparedness of students to undertake major projects/dissertation. Students will be required to select the topic relevant to their specialization and that has	10	50%

	value addition. Students will get an opportunity to work in actual industrial environment if they opt for internship. Based on the selected topic student will also prepare seminar report based on the literature survey		
2	Mini Project will have mid semester presentation and end semester presentation. Mid semester presentation will include identification of the problem based on the literature review on the topic referring to latest literature available. End semester presentation should be done along with the report on identification of topic for the work and the methodology adopted involving scientific research, collection and analysis of data, determining solutions highlighting individuals' contribution. Continuous assessment of Mini Project at Mid Sem and End Sem will be monitored by the departmental committee.	10	50%

*NOTE: This specification table shall be treated as a general guideline for the students and the teachers. The actual distribution of marks in the question paper may vary slightly from above table.*