

Course Code	ME 325
Course Title	Mechanical Engineering Group Project
No. of Credits	3
Pre-requisites	None
Compulsory/Optional	Compulsory for Mechanical Engineering stream
Aim(s): To provide the students with the opportunity to collectively solve a real world complex Engineering problem as a member of a group. At the end of the course all students are expected to value the importance of problem formulation, justification, teamwork, project planning, and technical communication so that they will be able to fit into team working professional environment.	
Intended Learning Outcomes: On successful completion of the course, the students should be able to;	
<ul style="list-style-type: none"> • technically formulate an Engineering problem, • acquire and generate new knowledge, • productively work in a team using proper project management methods, • communicate professionally to effectively market their solution. 	
Time Allocation (Notional Hours) : Assignments 150	
Course content / Course description :	
<ul style="list-style-type: none"> • Identification and technical formulation of solving an engineering problem <ul style="list-style-type: none"> (a) identification of several viable solutions (b) selection of a suitable solution based on available resources (c) propose a sound project plan optimizing team-work • Acquisition of new knowledge necessary for solving the problem • Implementation of the solution <ul style="list-style-type: none"> (a) Overall quality and completeness (b) Execution of the project plan (c) Innovation/Creativity 	
Presentation of the implementation of the solution using reports and oral presentations	
Recommended Texts (in any):	
Assessment	Percentage Mark
In-course	
Tutorials/Assignments/Quizzes/Practicals	-
Mid Semester Examination: Oral Presentations/report	35
End-semester Evaluation: Oral presentations/report	65