

Midway Report (15 marks) – to be filled by faculty mentor (Any Three Criterion to be fulfilled)

Criterion	Excellent	Good	Average	Poor	Marks Achieved
	5	3-4	2	1	X
Designing process/product/systems: using engineering knowledge and concepts/codes/standards/design manuals/literature etc.	Critical selection and application of engineering principles ensuring reasonable results.	Effective application of engineering principles resulting in reasonable solution.	Serious deficiencies in proper selection and use of engineering principles.	No or erroneous application of engineering principles yielding unreasonable solution.	
Have the ability to redesign products, processes or systems in order to improve productivity, quality, safety and other desired needs	Design is achieved/being achieved after review of reasonable alternatives.	Alternative approaches identified to some degree.	Serious deficiencies in exploring and identifying alternative designs.	Only one design presented or clearly infeasible alternative given.	
Mathematical methods, numerical techniques and software tools: for application to the identified engineering project.	Computer-aided tools/mathematical models are used effectively to develop and analyze designs.	Computer-aided tools/mathematical models used with moderate effectiveness to develop designs.	Minimal application and use of appropriate tools.	Serious deficiencies in understanding the correct selection and/or use of tools.	
Be able to integrate knowledge, handle complexity and formulate judgements with incomplete or limited information	New idea was developed	Old idea was modified in a new form	Understood the problem but no idea was developed	Could not understand the problem	
Total marks achieved					ΣX

Name and Signature of mentor with date:

Name of student: _____

Roll number: _____

Branch: _____