

# GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA

## MECHANICAL ENGINEERING DEPARTMENT

### INTERNAL ASSESSMENT OF MAJOR PROJECT

#### Rubric#3: Midterm Evaluation (20 Marks)

Rubric	Excellent	Good	Average	Partially acceptable	Unacceptable
% Weightage	(81-100%)	(61-80%)	(41-60%)	(21-40%)	(0-20%)
<b>Data collection/Design/ Fabrication work etc. (10 marks)</b>	Chooses appropriate computational and information tools for Data collection/design/fabrication work obtains correct solution to model developed for the project or uses tools effectively.	Chooses appropriate computational and information tools for Data collection/design/fabrication work obtains correct solution to model developed for the project.	Chooses appropriate computational and information tools for Data collection/design/fabrication work. Partially collection of data.	No proper selection of computational tools for Data collection/design/fabrication work. Data was not collected properly.	No computational tools for Data collection/design / fabrication work were used and Incomplete work.
<b>Data analysis &amp; Experimentation (05 marks)</b>	Clear application of research tools. Results are analyzed properly and discussed with guide.	Clear application of research tools. Results are analyzed to some extent and discussed with guide.	Clear application of research tools. Results were not analyzed and hardly discussed with guide	Research tools are not specified. Results were not analyzed and not discussed with guide.	No work has been done related to analyze / fabrication/ experimentation of the project.

<b>Teamwork (05 Marks)</b>	The team worked well together to achieve objectives. Each member contributed in a valuable way to the project.	The team worked well together most of the time, with only a few occurrences of communication breakdown or failure to collaborate when necessary.	The team worked together but with many instances of occurrences of communication breakdown or failure to collaborate when necessary	The team worked together very rarely but some members work independently, without regard to objectives or priorities.	The team did not collaborate or communicate well. Some members work independently, without regard to objectives or priorities.

#### **Rubric#4: Overall Evaluation- Internal (80 Marks)**

<b>Rubric</b>	<b>Excellent</b>	<b>Good</b>	<b>Average</b>	<b>Partially Acceptable</b>	<b>Unacceptable</b>
<b>% Weightage</b>	<b>81-100%</b>	<b>61-80%</b>	<b>41-60%</b>	<b>21-40%</b>	<b>0-20%</b>
<b>Project Diary (15 Marks)</b>	It includes all of the following: 1.Compilation of literature. 2.Rough sketches, calculations, observations etc. 3.Rough chapters of project report.	It includes most of the following: 1.Compilation of literature. 2.Rough sketches, calculations, observations etc. 3.Rough chapters of project report.	It includes some of the following: 1.Compilation of literature. 2.Rough sketches, calculations, observations etc. 3.Rough chapters of project report.	It includes a very few of the following: 1.Compilation of literature. 2.Rough sketches, calculations, observations etc. 3.Rough chapters of project report.	It includes none of the following: 1.Compilation of literature. 2.Rough sketches, calculations, observations etc. 3.Rough chapters of project report.
<b>Attendance/Regularity (15 Marks)</b>	90-100% attendance in all project classes	80-90% attendance in all project classes	70-80% attendance in all project classes	70-60% attendance in all project classes	Below 60% attendance in all project classes

<b>Demonstration of Project (20 Marks)</b>	Full understanding and demonstration of project with makes links with complete fulfillment of objectives and also suggest new ideas.	Full understanding and demonstration of project with makes links with partial fulfillment of objectives.	Partial understanding and demonstration of project with makes links with very few of objectives and does not make connections among ideas.	Demonstrates very little and some understanding of objectives.	No demonstration of project and no understanding of project objectives.
<b>Project Report (15 Marks)</b>	Information in project report is in logical sequence with diagrams, tables, results and discussion. The report is complete and in proper format.	Information in project report is in logical sequence with diagrams, tables, results and discussion. The report is partially complete and in proper format.	Information in project report is not in logical sequence with diagrams, tables, results and discussion. The report is incomplete but in proper format.	Less Information is provided in the report about the project, results and discussion. The report is incomplete and not in proper format.	There is no Information about the project with no results and discussion. The report is incomplete and not in proper format.
<b>Viva-voce (15 Marks)</b>	Give complete and logical reply to the questions asked by examiner.	Give complete and logical reply to the questions asked by examiner with few errors.	Give incomplete and illogical reply to the questions asked by examiner.	Give very few and illogical reply to the questions asked by examiner.	Given no reply to the questions asked by examiner.