

REPORT EVALUATION (50%)

(RE1) Abstract (Weightage: 0.50) <i>(Items: Background, problem statement, objectives, expected outcome/result, conclusion)</i>	PLO1: Knowledge
Excellently written abstract, clear, and concise, providing all items stated above.	10 9
Good written abstract with minimum missing items.	8 7 6
Fairly written abstract with partially missing items.	5 4 3
Poorly written abstract with many missing items.	2 1
No abstract is provided.	0
(RE2) Chapter 1: Introduction Project Background (Weightage: 0.55) <i>(Items: rationale, key problem statement and a brief overview of the project)</i>	PLO1: Knowledge
Excellently written project background, clear and providing all items stated above.	10 9
Good written project background with minimum missing items.	8 7 6
Fairly written project background with partially missing items.	5 4 3
Poorly written project background with many missing items.	2 1
No project background is provided.	0
(RE3) Chapter 1: Introduction Problem Statement (Weightage: 0.70) <i>(Items: explanation of an issue or challenge that you want to solve, solution that you want to propose, why it is important, and who it impacts (stakeholders) and support related regulations/policies.</i>	PLO2: Problem analysis SP1, SP3, SP4.
Excellently defined and described with high clarity.	10 9
Well defined and described with minimum missing items.	8 7 6
Fairly defined and described with partially missing items.	5 4 3
Poorly defined and has some ambiguity or missing important items.	2 1
Problem statement is not provided.	0
(RE4) Chapter 1: Introduction Objectives (Weightage: 0.80) <i>(Items: maximum 3 objectives that includes design, development and analysis)</i>	PLO3: Design/development of solutions SP1, SP4
Excellently defined and described with high clarity.	10 9

Well defined and described with minimum missing items.	8	7	6
Fairly defined and described with partially missing items.	5	4	3
Poorly defined and has some ambiguity or missing important items.	2	1	
Objective is not provided.	0		
(RE5) Chapter 1: Introduction Scope (Weightage: 0.50) <i>(Items: limitations and boundaries of your project including method, resources, tools, experimental setup, etc)</i>	PL03: Design/ development of solutions SP1, SP3, SP4		
Excellent defined and described with high clarity.	10	9	
Well defined and described with minimum missing items.	8	7	6
Fairly defined and described with partially missing items.	5	4	3
Poorly defined and has some ambiguity or missing important items.	2	1	
Scope is not provided.	0		
(RE6) Chapter 2: Literature Review (Weightage: 2.50) <i>(Items: investigation into existing systems/techniques/technology that are closely related to the project and comparisons between them are provided)</i>	PL01: Knowledge		
Excellent investigation.	10	9	
Relevant and sufficient investigation.	8	7	6
Slightly relevant investigation.	5	4	3
Very poor investigation.	2	1	
Literature review is not provided.	0		
(RE7) Chapter 3: Methodology (Weightage: 1.50) <i>(Items: Methodology should include the design of procedure which implies the process of the hardware and/or software implementation suitable for the project)</i>	PL05: Tool Usage SP1, SP2, SP3, SP4		
Excellent design of procedure.	10	9	
Good design of procedure.	8	7	6
Fair design of procedure.	5	4	3
Poor design of procedure.	2	1	
Methodology is not provided.	0		
(RE8) Chapter 4: Preliminary Results (Weightage: 0.70) <i>(Items: Should include progress on the developed project)</i>	PL05: Tool Usage SP1, SP3		
Excellent explanation of preliminary results.	10	9	
Good explanation of preliminary results.	8	7	6
Fair explanation of preliminary results.	5	4	3

Poor explanation of preliminary results.	2	1	
Preliminary result is not provided.	0		
(RE9) Chapter 5: Conclusion (Weightage: 0.25) <i>(Items: summarize current progress based on project objectives and project planning to accomplish all the objectives)</i>	PLO1: Knowledge		
Excellent conclusion.	10	9	
Good conclusion.	8	7	6
Fair conclusion.	5	4	3
Poor conclusion.	2	1	
No conclusion has been provided.	0		
(RE10) References (Weightage: 0.25) <i>(Items: Minimum 20 references inclusive of academic and technological literatures, reliable, minimum 30% are published in the last 5 years, ALL references MUST be cited in the report)</i>	PLO1: Knowledge		
All items are met.	10	9	
50% to 75% of the items are met.	8	7	6
25% to 50% of the items are met.	5	4	3
25% of the items are met.	2	1	
No references are provided.	0		
(RE11) Report formatting (Weightage: 0.25) <i>(Items: Report formatting includes citation, formatting, etc)</i>	PLO1: Knowledge		
Fully followed the standard format.	10	9	
Mostly followed the standard format.	8	7	6
Partially followed the standard format.	5	4	3
Minimally followed the standard format.	2	1	
Does not follow the standard format.	0		
(RE12) Language (Weightage: 0.50) <i>(Items: Content is clear, concrete, specific, precise and direct. Use correct grammar, spelling and punctuation.)</i>	PLO1: Knowledge		
Excellent written report.	10	9	
Well written report.	8	7	6
Fairly written report.	5	4	3
Poorly written report.	2	1	
Very poorly written report.	0		

(RE13) In Chapter 1: Problem Statement (Weightage: 0.50) (Items: Information about societal and global issues (societal/health/safety/legal/cultural issues))		PLO6: The Engineering Technologist and the World SP1, SP4			
Excellent included in the Problem Statement.		10	9		
Well included in the Problem Statement.		8	7	6	
Fairly included in the Problem Statement.		5	4	3	
Poorly included in the Problem Statement.		2	1		
Not included at all.		0			
(RE14) In Chapter 1: Problem Statement (Weightage: 0.50)		PLO7: The Engineering Technologist and the World SP1, SP2			
Project clearly identified, comprehensively explained and rationally justified for sustainable development to meet at least 1 SDG.		10	9		
Project clearly identified and briefly explained for sustainable development to meet at least 1 SDG.		8	7	6	
Project identified, and few appropriate references are used for sustainable development to meet at least 1 SDG.		5	4	3	
Project are vaguely identified for sustainable development to meet at least 1 SDG.		2	1		
Not available.		0			

In general, the final year project report of the student should cover the related knowledge profile as required by ETAC Standard 2024 as below:

***SP1- Students' proposal report should utilize fundamental engineering knowledge along with the application of specialist knowledge for the proposed work. (Problem statement, objective, scope, methodology, preliminary result)**

***SP2- The proposed work needs to consider a variety of factors which may impose conflicting constraints, such as the required technical specification and the limited budget available. Such constraint of limitation shall be identified and reported in the literature review section. (Problem statement & Methodology)**

***SP3 - The proposed work should be demonstrated by the application of well-proven analysis techniques and be able to solve in well accepted ways. (Problem statement, scope, methodology, preliminary result)**

*** SP4 - The proposed work belongs to families of familiar problems which are solved in well-accepted ways (Problem statement, scope, methodology)**