

**SCHOOL OF ENGINEERING AND TECHNOLOGY**

**FINAL YEAR PROJECT RUBRIC**

Student Name: \_\_\_\_\_ Student ID: \_\_\_\_\_ Programme : \_\_\_\_\_

Project Title: \_\_\_\_\_

Examiner Name: \_\_\_\_\_

<b>FINAL REPORT (60%)</b>						
<b>Performance Level</b>	<b>Level 1 (0-39%)</b>	<b>Level 2 (40-49%)</b>	<b>Level 3 (50-59%)</b>	<b>Level 4 (60-69%)</b>	<b>Level 5 (70-100%)</b>	<b>Marks Earned</b>
<b>ABSTRACT (10%)</b>	Abstract is irrelevant and does not provide the summary of the whole project.	Abstract is relevant but did not include some of the elements stated.	Abstract is relevant, and include all elements, however, is vague and fail to highlight appropriate details about the research.	Abstract is relevant, include all elements, and highlight appropriate details about the research.	Abstract is relevant, clear and concise description of all elements, highlighting the importance of the research.	
<b>INTRODUCTION (10%)</b>						
<b>Background of study and problem statement</b>	Irrelevant background of study and problem statement.	Background of study is partially relevant, and unclear problem statement.	Background of study is sufficient to highlight the research work, however, problem statement is generic and unclear.	Good background of study that shows connection to the problem statement.	Well written, articulate and concise background of study that justifies the problem statement.	
<b>Objective and scope of study</b>	Research objectives irrelevant to the problem statement.	Research objectives are unclear and partially relevant to the problem statement.	Research objectives are clear, however, partially relevant to problem statement.	Problem statement is clearly presented. Research objectives are clear and relevant to problem statement.	Problem statement is clearly presented. Research objectives are clear and justified towards answering the problem statement.	
<b>LITERATURE REVIEW (20%)</b>						
<b>Critical analysis, relevancy and recentness of literature</b>	Irrelevant literature review.	Literature review explains previous study, without connecting it to the current study. Lack in critical analysis.	Literature review explains previous study relevant to the current study, however, lack in critical analysis.	Literature review provides good discussion on previous study relevant to the current study, and sufficiently highlight the problem statement.	Literature review is comprehensive, critically analyse previous work relevant to current studies, with proper cross referencing. Clearly established the importance of the current work.	
<b>Quality of references (journals/conferences/etc.)</b>	Insufficient references, none from published journal / conferences.	Insufficient references, minimal number of reference from published journal / conferences.	Adequate references, some are relevant, and from published journal / conferences.	Sufficient references, almost all are relevant, and almost all are from published journal / references	Sufficient references, all are relevant, and almost all from published journal / references	
<b>METHODOLOGY (20%)</b>	Insufficient and poorly described methodology	Methodology is unsuitable to achieve the objectives	Methodology is partially relevant to achieve the objectives	Methodology is relevant to achieve the objectives and fairly described and achievable within the time frame	Methodology is relevant to achieve the objectives and comprehensively described, and highly achievable within the time frame	
<b>RESULTS &amp; DISCUSSION (20%)</b>	All results do not meet the research / project objectives	Few results validate some of the project objectives.  Analysis and discussion of the results are poor or inaccurate.	Few, or most results validate some of the project objectives.  Analysis and discussion of the results are correct.	Results validate most of the research / project objectives.  Analysis and presentation of results are correct, but does not linked to theory.  Significance of results mentioned but deviation from literature is not properly discussed.	Results validate most of the research / project objectives.  Analysis and presentation of results are correct, critically analysed and linked to theory.  Significance of results and its deviation from literature is sufficiently discussed.	
<b>CONCLUSION (10%)</b>	Insufficient conclusion and irrelevant with objective.  No future work recommended.	Insufficient conclusion and irrelevant with objective.  Insufficient future work related to the research / project recommended	Most conclusion is relevant with objective, but some are not clearly written.  Future work recommended is related to the research and briefly described.	Provide good conclusion relevant to the objective.  Future work recommended is related to the research is well described.	Provide excellent conclusion that is comprehensive.  Future work recommended is related to the research is well described.	
<b>WRITING &amp; DOCUMENT PRESENTATION (10%)</b>	Written work contains inadequate organisation, unstructured sentences with major gross errors and unacceptable writing skills, and no evidence of appropriate referencing.	Written work contains inadequate organisation, unstructured sentences with many errors and limited writing skills, and some evidence of appropriate referencing.	Written work has a few well-developed, logical and relevant ideas but sometimes difficult to understand. Written work still meets expectations with some structured sentences and errors, and adequate evidence of appropriate referencing.	Written work exhibits some well-developed, logical and relevant ideas. Written work meets expectations with gross/minor errors, and good evidence of appropriate referencing.	Written work exhibits mature treatment of content, exhibiting well-developed logical and relevant ideas and it is effectively organized, developed and easy to understand. Written work meets expectations, and strong evidence of appropriate referencing.	
<b>Final Total (out of 100 marks)</b>						

DEMONSTRATION OF SYSTEM / RESEARCH OUTPUT AND PRESENTATION (30%)						
Performance Level	Level 1 (0-39%)	Level 2 (40-49%)	Level 3 (50-59%)	Level 4 (60-69%)	Level 5 (70-100%)	Marks Earned
<b>Demonstration of System / Research Output</b>						
<b>Application of Methodology (20%)</b>	The system/research does not reflect any application of the methodology discussed in the Final Report	The system/research reflects a weak application of the methodology discussed in the Final Report	The system/research reflects an adequate application of the methodology discussed in the Final Report.	The system/research reflects a good application of the methodology discussed in the Final Report.	The system/research reflects a systematic and precise application of the methodology discussed in the Final Report.	
<b>Development Tools / Instruments (10%)</b>	Does not justify the choice and combination of hardware and software or instruments, barely mentioning the general approach required to support system development or research project.	Weak justification of choice and combination of hardware and software or instruments, barely mentioning the general approach required to support system development or research project.	Adequate justification of choice and combination of hardware and software or instruments, vaguely mentioning the general approach required to support system development or research project.	Good justification of choice and combination of hardware and software or instruments, briefly mentioning one or, possibly two, characteristics that support system development or research project.	Excellent justification of choice and combination of hardware and software or instruments, highlighting particular characteristics that support system development or research project.	
<b>Validation Test Sets / Data Samples (20%)</b>	Available test sets or data samples validate all system features or research model or theory with many errors.	Available test sets or data samples validate all system features or research model or theory with numerous errors.	Available test sets or data samples validate all system features or research model or theory with some errors.	Available test sets or data samples validate all system features or research model or theory with only few errors.	Available test sets or data samples completely validate all system features or research model or theory with no errors.	
<b>Overall Impression (10%)</b>	The system/research model does not work at all / has numerous errors. It is a poor reflection of the work done described in the Final Report.	The system/research model works adequately, with quite a number of errors. It is a reasonable reflection of the work done described in the Final Report.	The system/research model works adequately, with few errors. It is a reasonable reflection of the work done described in the Final Report.	The system/research works well, with the odd error. It is a good reflection of the work done described in the Final Report.	The system/research model works exceptionally with a professional look-and-feel or sounds. It is an accurate and detailed reflection of the work done described in the Final Report.	
<b>Final Total (out of 60 marks)</b>						
<b>Presentation</b>						
<b>Presentation - Q&amp;A (10%)</b>	Absent / No attempt. Inability to respond to questions.	Great difficulty in communicating ideas, little confidence / little ability in answering questions.	Some difficulty in communicating ideas, some confidence in answering questions.	Communicates ideas reasonably well, confidence in answering questions.	Communicates ideas enthusiastically, great confidence in answering questions.	
<b>Presentation - Delivery (10%)</b>	Absent / No attempt. Inability to conduct a presentation.	Poor voice projection, command of language, preparation and delivery.	Adequate voice projection, command of language, preparation and delivery.	Good voice projection, command of language, preparation and delivery.	Excellent voice projection, command of language, preparation and delivery.	
<b>Final Total (out of 20 marks)</b>						

ACTIVITY LOG (10%)						
Performance Level	Level 1 (0-39%)	Level 2 (40-49%)	Level 3 (50-59%)	Level 4 (60-69%)	Level 5 (70-100%)	Marks Earned
<b>Timeline and Activities (10%)</b>	Project does not present any steps and activities.	Project is split into unclear steps. Time allocated for each stage is vague and not justified by any reasons.	Project is split into clearer steps. Time allocated for each step is vague and justified by minimal reasons.	Project is split into stages. Time allocated for each stage is reasonable and justified.	Project is split into critical stages. Brief description is provided for each stage of the project on the processes to be executed. Time allocated for each stage is justified by student assessment of own workload, ability and work to be done to deliver.	
<b>Supervision Meeting Record (10%)</b>	Missed all scheduled meetings. If present, no preparation is made before the meeting and student turns up empty-handed. Must be constantly told what to do by supervisor. Always does not deliver work as promised.	Missed some scheduled meetings. Minimal preparation is made before scheduled meeting. Presentation/documents brought is just for show and has little purpose for the discussion of the project. Must be constantly told what to do by supervisor. Periodically deliver work as promised but work is shoddily done.	Missed few scheduled meetings. Reasonably preparation is made before scheduled meeting. Presentation/documents brought has some purpose for the discussion of the project. Periodically deliver work as promised.	Attended all scheduled meetings with some presentation/documents to aid discussion of the project. Sets own goals for upcoming meeting but must be provided step-by-step guidance on what to be done to achieve goals. Deliver work as promised as is without further thought or analysis.	Attended all scheduled meetings with well-prepared presentations/documents to aid discussion of the project. Sets own goals and able to negotiate deliverables for upcoming meeting based on own workload and ability. Delivers all work as promised along with detailed analysis on the cause/effect of own actions to the project outcome. (Able to do and analyse results of own actions)	
<b>Final Total (out of 20 marks)</b>						