

Please tick the relevant button for the chosen level of achievement for each sub-criterion in the tables below.  
 - Tick achievement level A or A+, only if you can fully justify. Where applicable, please provide the justification in table 3.  
 - This evaluation accounts for 35% towards the final grade.

**Table 1: Understanding of the problem, and Technical Achievement**

	Sub-criteria	Level of Achievement										
		F	D	D+	C	C+	B-	B	B+	A-	A	A+
Understanding and formulation of the problem (20%)	Rationale	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
		Report not submitted or is incomplete.	Fails to provide adequate context, rationale, or purpose of thesis.	Somewhat adequate statement of context supporting rationale for proposed thesis.	Provides clear context supporting rationale for proposed thesis and motivation for work.							
	Problem definition	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
		Problem is not defined or irrelevant to the project.	Problem area poorly defined; objectives vague or insufficient.	Problem area is reasonably defined; Objectives are clearly outlined; although gap exists in the main area of investigation/design.	Objectives are clearly stated; explains why the problem is meaningful, innovative and challenging.							
	Literature survey and/or prior work	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
		Review of existing work is missing or completely irrelevant.	Amount of review of existing work is inadequate. References are outdated, lack currency, or inappropriate.	Adequate literature survey; however uncritical and the relevance of literature survey to the project is not made clear.	Literature is critically evaluated; limitations of previous works clearly explained.							
Extension of Knowledge (10%)	Evidence of Innovative work	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
		Basic concepts not applied correctly; Completely no innovative work done.	Only basic concepts used or work is directly taken as-is from current existing works.	Basic concepts used and some innovative work initiated, but of minimal importance.	Basic and new concepts are applied and adopted in the design; Promising innovative work initiated.							
	Ability to work independently	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
		Unable to work even when guided by the supervisor.	Independent work done only after extensive guidance from supervisor.	Some demonstration of independent work.	Demonstrates strong capability to perform independent work.							
Methodology, Implementation and Analysis (30%)	Methodology	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
		Problem is not researched at all. Design or method used is incompletely inappropriate.	Problem not fully researched or investigated; appropriateness of research/ design or investigative method is questionable.	The research/ design method is adequate.	Disciplined, well thought out investigation/design method with justification.							
	Implementation	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
		Incomplete implementation.	No clear specification of the problem and inadequate or trivial implementation; Limited use of problem solving skills.	Partial in-depth specification and implementation; Some steps used in solving the problem are not supported by calculations or reasoning.	Fully developed specification and supporting implementation; Use of problem solving skills is evident.							

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		<div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
	Analysis	No assumptions stated; No analysis of the result.	Assumptions stated are all unjustified. Analysis and interpretation of results are largely incorrect.	Assumptions are stated but some are not justified; Limited analysis and interpretation of results.	All relevant assumptions are stated and justified; Results are analysed and well interpreted.

**Table 2: Report and Presentation**

	Sub-criteria	Level of Achievement										
		F	D	D+	C	C+	B-	B	B+	A-	A	A+
Report (20%)	Organization	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
		Report is missing, or complete lack of organization.	Incomplete report submitted; Poor organization of thesis; Chapters not clearly linked.	Organization is generally good, but some parts seem out of place.	Written work is well organized and easy to understand; Chapters are appropriate and well linked.							
	Writing style	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
		Report is missing or incoherent.	Disorganized to the extent preventing understanding; Frequent spelling and grammatical errors.	A few spelling and grammatical errors. Writing style indicates planning that makes reading easy.	Spell-checked and proofread well; Writing style indicates planning that makes reading easy.							
	Relevance of Content	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
		Report is missing, content found to be completely irrelevant.	Considerable amount of material are irrelevant, trivial, misplaced or not documented; References are outdated and/or inadequate.	Work presented relevant to the work performed; Documentation and referencing is just adequate.	Work presented entirely relevant to the work performed; Information appropriately placed in either the main text or appendices.							
Presentation (20%)	Presentation and slides	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
		Absent from presentation, or presentation was incomprehensible, lacking any prepared slides.	Presentation was poor and unorganized. Slides were poorly prepared, reading off text, content not well presented and difficult to understand.	Presentation was reasonable and slides were well prepared. Presented with confidence.	Presentation was excellent; Slides were well prepared. Confident and relaxed throughout the presentation.							
	Q & A	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
		Absent from presentation; Unable to answer any question even after much prompting.	Unable to explain what is written on the slides; Answers are incorrect or too general in attempt to handwave or distract from the real question.	Explanation was sometimes out of context; Made good effort to answer questions, although not all of them were acceptable.	Answered questions to satisfaction and demonstrate good grasp of the project.							

**Table 3: Justification**

If you have ticked achievement level A or A+ for any of the assessed criteria above, please provide reasons to justify the assessment.

- a) Is this project worth considering for award such as “Outstanding Undergraduate Researcher Prize (OURP)”, “Best FYP”, etc.?  
i. No      ii. Yes (please provide justification in table 3)
- b) Does the project have good commercial potential?  
i. Strong potential      ii. Good potential      iii. No potential / not intended for commercial purposes