

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	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
		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	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
		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	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
		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 References are outdated, lack currency, or inappropriate.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	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
		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	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
		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	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
		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	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
		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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	Analysis	<input type="radio"/>	<input type="radio"/>
		No assumptions stated; No analysis of the result.	Assumptions stated are all unjustified. Analysis and interpretation of results are largely incorrect.
		<input type="radio"/>	<input type="radio"/>
		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, Effort & Initiative

	Sub-criteria	Level of Achievement								
		F	D	D+	C	C+	B-	B	B+	A- A A+
Report (20%)	Organization	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Effort & Initiative (20%)	Attitude	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Lack of any interaction with the supervisor.	Excuses to meet supervisor; Comes unprepared for meetings.	Meetings with supervisor are intermittent and irregular; Comes to the meetings with problems and expects quick fix.	Regular meetings with the supervisor. Generally shows initiative and self-direction; Explores and generates some questions for further inquiry.					
	Effort	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		No effort shown.	Hardly demonstrates any effort and shows little interest/diligence in the project.	Demonstrates some responsibility for setting goals/targets and planning; Demonstrates effort when prompted but not exert more effort when difficulties arise.	Highly motivated and gives maximal effort; Demonstrates perseverance when difficulties arose or when a solution was not immediately obvious.					
	Initiative	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Complete lack of initiative work. Supervisor is needed to intervene.	No progress report on project even after requests from supervisor; Does not take responsibility for own work.	Occasionally sends progress report on the project on his own; Shows motivation for some activities; Must be reminded to stay on tasks.	Timely progress report on the project; Shows considerable diligence and independence in tackling problems encountered.					

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**