



Universiti Tunku Abdul Rahman
Lee Kong Chian Faculty of Engineering and Science
Final Year Project

PART 1 SUBMISSIONS

Academic Session : 201601 - 201605
Programme : QS
Student Name : A UTAR STUDENT
Student ID : 9999999
Supervisor : Supervisor Chong
Moderator : Moderator Lim
Project Title : An interesting and useful project with high societal value

Progress Report				
	Maximum Marks*	Criteria	Supervisor Assessment (0 to 5)	Supervisor Marks*
Introduction	16	4 Identification of the problem	5.0	4
		8 Definition of aims and objectives	5.0	8
		4 Overview of project	5.0	4
Literature Review	48	12 Review of research topic	5.0	12
		12 Analytical/Critical thinking	5.0	12
		12 Structure and coherence of literature review	5.0	12
		12 References	5.0	12
Methodology & Project Management	20	8 Methodology of the project**	5.0	8
		12 Planning and managing of project activities	5.0	12
Report Quality	16	8 Language: grammar and style	5.0	8
		8 Citation of various sources	5.0	8
				100

Supervisor's Signature: _____

Date: _____



PART 2 SUBMISSIONS

Academic Session : 201601 - 201605
Programme : QS
Student Name : A UTAR STUDENT
Student ID : 9999999
Supervisor : Supervisor Chong
Moderator : Moderator Lim
Project Title : An interesting and useful project with high societal value

Final Report							
	Maximum Marks*		Criteria	Supervisor Assessment (0 to 5)	Supervisor Marks*	Moderator Assessment (0 to 5)	Moderator Marks*
Abstract	4	4	Overview of the project	5.0	4	5.0	4
Introduction	4	4	Problem identification and formulation of project aims and objectives	5.0	4	5.0	4
Literature Review	16	4	Review of research topic	5.0	4	5.0	4
		4	Critical Investigation	5.0	4	5.0	4
		4	Structure and coherence of literature review	5.0	4	5.0	4
		4	References	5.0	4	5.0	4
Methodology & Project Management	16	4	Methodology of the project**	5.0	4	5.0	4
		4	Planning and managing of project activities	5.0	4	5.0	4
		8	Explanation of Analysis Methods	5.0	8	5.0	8
Results & Discussions	44	12	Analysis and interpretation of results	5.0	12	5.0	12
		12	Generalize research findings	5.0	12	5.0	12
		12	Presentation and explanation of results	5.0	12	5.0	12
		8	Reproducibility/reliability of results	5.0	8	5.0	8
Conclusion & Recommendations	8	4	Address research question and achievement of aims and objectives	5.0	4	5.0	4
		4	Analysis of limitations and recommendations for future development	5.0	4	5.0	4
Report Quality	8	4	Language: grammar and style	5.0	4	5.0	4
		4	Citation of various sources	5.0	4	5.0	4
					100		100
Supervisor's Signature: _____				Moderator's Signature: _____			
Date: _____				Date: _____			
Oral Presentation Part 2							
	Maximum Marks*		Criteria	Supervisor Assessment (0 to 5)	Supervisor Marks*	Moderator Assessment (0 to 5)	Moderator Marks*
Presentation Skill & Style	36	12	Structure and attractiveness of presentation	5.0	12	5.0	12
		12	Preparedness and confidence	5.0	12	5.0	12
		12	Use of presentation tools and visual aids	5.0	12	5.0	12
Technical Content / Demonstration	32	Not applicable to DS, pls remain this part unchanged, total weight of 32 marks applies solely to the first and only assessment (based on presentation)					
Q&A	32	16	Quality of provided answers	5.0	16	5.0	16
		16	Attitude and composure	5.0	16	5.0	16
					100		100
Supervisor's Signature: _____				Moderator's Signature: _____			
Date: _____				Date: _____			

*Assessment, Maximum Marks, and Final Marks - Assessments are between 0 and 5, marks are proportional to maximum marks for each criteria

** Methodology of the project - If project's research field/area requires the use of certain standards, this criteria should also be used to indicate the appropriate use of such standards.

*** Technical Content/Demonstration - For projects with no demonstration, total weight of 32 applies solely to the first and only assessment (based on presentation)



GENERAL EFFORT AND POSTER SUBMISSION

Academic Session : 201601 - 201605
Programme : QS
Student Name : A UTAR STUDENT
Student ID : 9999999
Supervisor : Supervisor Chong
Moderator : Moderator Lim
Project Title : An interesting and useful project with high societal value

General Effort Part 1			
Maximum Marks*	Criteria	Supervisor Assessment (0 to 5)	Supervisor Marks*
24	Problem identification and analysis	5.0	24
28	Selection and implementation of research methodology and management	5.0	28
16	Compliance with FYP policies/guidelines and ethical norms	5.0	16
16	Discipline and regular reporting	5.0	16
16	Personal development/life long learning activities	5.0	16
			100
Supervisor's Signature: _____ Date: _____			
General Effort Part 2			
Maximum Marks*	Criteria	Supervisor Assessment (0 to 5)	Supervisor Marks*
28	Generalize research findings	5.0	28
16	Selection and implementation of research methodology and management	5.0	16
20	Problem identification and analysis	5.0	20
12	Compliance with FYP policies/guidelines and ethical norms	5.0	12
12	Discipline and regular reporting	5.0	12
12	Personal development/life long learning activities	5.0	12
			100
Poster Submission			
Maximum Marks*	Criteria	Supervisor Assessment (0 to 5)	Supervisor Marks*
100	FYP Poster	5.0	100
			100
Supervisor's Signature: _____ Date: _____			

*Assessment, Maximum Marks, and Final Marks - Assessments are between 0 and 5, marks are proportional to maximum marks for each criteria



Universiti Tunku Abdul Rahman
Lee Kong Chian Faculty of Engineering and Science
Final Year Project

MARKS DISTRIBUTION

Supervisor/Moderator Allocation

Assessments	Supervisor		Moderator 1		TOTAL	Trimester	
Progress Report	20	100%			20%		
General Effort 1	5	100%			5%		
Final Report	10.8	24%	34.2	76%	45%	Trimester 2	75%
Oral Presentation 2 / Demonstration	3.15	21%	11.85	79%	15%		
General Effort 2	10	100%			10%		
Poster Submission	5	100%			5%		
% Contribution	53.95		46.05		100%		

100

Project Reports	65%
Presentations	20%
General Effort	15%
	100%

Course Outcome Distribution

Assessments	CO1	CO2	CO3	CO4	CO5	CO6	CO7	TOTAL	Trimester	
Progress Report	7.2%			1.6%	6.4%	2.4%	2.4%	20%		
General Effort 1	1.2%			0.8%		1.6%	1.4%	5%		
Final Report	3.6%	5.4%	12.6%	5.4%	12.6%	3.6%	1.8%	45%	Trimester 2	75%
Oral Presentation 2 / Demonstration		4.8%			10.2%			15%		
General Effort 2	2.0%	2.8%		1.2%		2.4%	1.6%	10%		
Poster Submission						5.0%		5%		
% Contribution	14.0%	13.0%	12.6%	9.0%	29.2%	15.0%	7.2%	100%		



Universiti Tunku Abdul Rahman
Lee Kong Chian Faculty of Engineering and Science
Final Year Project

Marking Rubrics

Progress Report										
	Maximum Marks	Criteria	CO	Unacceptable (0)	Poor (1)	Marginal (2)	Average (3)	Good (4)	Excellent (5)	
Introduction	16	4	Identification of the problem	1	Problem area not discussed	Poor description of problem area	Problem area is quite clearly stated	Problem area is correctly identified, well formulated	Problem area is explicitly identified, described and analyzed	Problem area is very clearly stated, analyzed in depth, covering dependencies and inter-relationships with other problems
		8	Definition of aims and objectives	1	Aims and objectives not provided	Unclear or vague aims and objectives provided	General aims and objectives provided	General aims and objectives are well defined	Specific aims and objectives are clearly formulated and obviously derived from the provided introductory section	Specific aims and objectives, which are obviously and unquestionably derived from the identified problem area in introductory section, are explicitly and clearly defined
		4	Overview of project	5	Not provided	Overview is provided which is hard to understand or lacking important details	Overview lacks important details in some areas	A simple and clear overview of the project	Detailed, clearly written and structured project overview	Project overview of exemplary structure with clear coverage of all relevant aspects
Literature Review	48	12	Review of research topic	1	No review of research topic	Poor review of very few sources which is off topic	Limited review with few sources or a review which is partly off topic	Sufficient review with mostly relevant and reliable sources	Adequate review with closely relevant, reliable and reputable sources	A comprehensive review covering a large number of relevant sources which are well linked and described in relation to the project scope
		12	Analytical/Critical thinking	1	No analysis of information/data is evident	Poor analysis of sources is evident	Sources are quite sufficiently analyzed	Sources are evaluated quantitatively or qualitatively	Sources are evaluated quantitatively or qualitatively, discussed in-depth and backed by experts' opinion	Various sources are reviewed in depth, all relevant and necessary aspects discussed and /or evaluated, and experts' opinion analyzed
		12	Structure and coherence of literature review	5	No noticeable structure is evident	Poor structure; no clear relationship between sections of the review	Quite clear structure, but not all sections follow a natural or logical order	Well structured literature review where sections are well connected	A clear structure is obvious, which allows a reader to see relationships and transition between different sections; the review content is complete	The structure of the review is very clear which expands a reader's deeper understanding of the topic; the content is arranged in unquestionable logical order
		12	References	6	No references provided	No relevant references provided	Limited references, with questionable quality or relevance	Sufficient number of relevant and reliable references	Large number of relevant and reputable references	Huge number of relevant, cutting edge and wide variety of reputable references
Project Management		8	Methodology of the project**	5	No description of project's methodology	Incomplete description of methodology	Quite sufficient description of methodology	Methodology is well described providing basic information to carry out a project	Methodology is clearly described providing all necessary information to carry out a project and reproduce the results	Methodology is described in very clear unquestionable manner to provide all necessary details to repeat it and obtain reproducible results

Methodology & Proj	20	12	Planning and managing of project activities	7	No evidence of project planning	Planning or resource allocation is poor and obviously insufficient	Main tasks are identified, but resource (time, cost, material etc.) allocation is insufficient	Main tasks are well identified and resources (time, cost, material etc.) allocated	All tasks are clearly identified and explained; necessary resource (time, cost, material etc.) allocation is clearly justified; all planned tasks/items are achieved timely	All tasks are clearly identified and well explained; all necessary resources (time, cost, material etc.) are allocated and clearly justified; all planned tasks/items are achieved as planned and successfully
	Report Quality	16	8	Language: grammar and style	5	Numerous grammatical or spelling errors are present which cause most part(s) of the report to be incomprehensible	Many obvious grammatical or spelling errors are present which negatively affect understandability of the report	Some obvious grammatical or spelling errors are present which affect understandability of the report	Few grammatical or spelling errors can be found which does not significantly affect the report's quality	A very few grammatical or spelling errors can be found which does not affect the report's quality
8			Citation of various sources	4	No citation or uses material from other sources without citation	Numerous citation and/or bibliography errors	Some of the citations and bibliography are correct, with a couple of major errors	Most of the citations and bibliography are correct, with a couple of minor errors	All citations and bibliography are shown according to the guidelines with very few minor inaccuracies	All citations and bibliography are shown exactly according to the guidelines, with no errors

100 100

**** Methodology of the project** - If project's research field/area requires the use of certain standards, this criteria should also be used to indicate the appropriate use of such standards.

Oral Presentation Part 1										
	Maximum Marks	Criteria	CO	Unacceptable (0)	Poor (1)	Marginal (2)	Average (3)	Good (4)	Excellent (5)	
Presentation Skill & Style	52	20	Structure and attractiveness of presentation		No indication of any structure	A disjointed presentation which is out of logical order	Poorly structured presentation with erratic topical shifts and jumps	Well structured presentation which provides good understanding of the project	A clearly structured presentation which enhances understanding of the project and engages an audience	An outstanding presentation of smooth unquestionable structure and engaging content that captures audience
		16	Preparedness and confidence		Presenter does not make eye contact, mumbles or presentation or is interrupted in some major way due to lack of preparation	Presenter does not make eye contact, is hard to hear, or constantly interrupts the presentation himself/herself	Poor eye contact with audience, voice not very clearly heard, some minor interruptions to the presentation	Good interaction with audience, clear-voiced presentation, with no interruptions	Presenter speaks with confidence in clear loud voice and captures audience's attention	Very confident presenter who speaks and holds himself/herself as a professional, completely capturing audience's attention
		16	Use of presentation tools and visual aids		No presentation tools and/or visual aids used	Very minimal use of presentation tools and/or aids, distracts audience or confuses understanding of the presentation	Presentation tools and/or aids add no value to understanding of the presentation	Presentation tools and/or aids are used appropriately	Creative presentation tools and/or aids are used that highlight the quality and audience's interest to the presentation	Novel, unusual, very creative presentation tools used which captures audience's attention and enhances understanding of the presentation
Q&A	48	24	Quality of provided answers		Unable to answer question(s)	Out-of-topic or evasive answers to questions	Partly appropriate answers to questions	Concise answers provided	Detailed straight to the point and yet succinct answers provided	Thorough, well elaborated and very convincing answer provided
		24	Attitude and composure		Loses composure during the Q&A session	Visibly downcast, upset, or distracted during the Q&A session	Attentive when taking and answering questions	Attentive and adequately responsive when taking and answering questions	Calm, clear and confident when taking and answering questions	Impressive composure as of a professional speaker when taking and answering questions

100 100

Final Report										
	Maximum Marks		Criteria	CO	Unacceptable (0)	Poor (1)	Marginal (2)	Average (3)	Good (4)	Excellent (5)
Abstract	4	4	Overview of the project	5	Not provided	Description of the project is hard to understand or misses out significant information	Overly long, or a disjointed abstract which is not by itself sufficient to describe the entire project	Summarizes the project well that enables to understand the project's scope	Clearly written description of the project which can both stand alone and provide insight into the significance of various aspects of the project	Impressive, thorough and clearly composed overview of the project which raises no questions from a reader
Introduction	4	4	Problem identification and formulation of project aims and objectives	1	No problem identification/area, aims and objectives provided	Unclear or vague statements regarding problem area and/or aims and objectives	Problem area, aims and objectives are quite clearly stated	Problem area, aims, and objectives all well formulated	Problem area, aims, and objectives are clearly formulated and explicitly described	Problem area, aims, and objectives are perfectly formulated, analyzed and evaluated
Literature Review	16	4	Review of research topic	1	No review of research topic	Poor review of very few sources which is off topic	Limited review with few sources or a review which is partly off topic	Sufficient review with mostly relevant and reliable sources	Adequate review with closely relevant, reliable and reputable sources	A comprehensive review covering a large number of relevant sources which are well linked and described in relation to the project scope
		4	Critical Investigation	3	No investigation done with the presented information/data	Poor investigation of information/data collected from sources	Sufficient investigation of information/data collected from sources	Sources are evaluated quantitatively or qualitatively with an attempt to provide suitable conclusion on the information/data collected from sources	Sources are evaluated qualitatively, discussed in-depth and backed by experts' opinion; provided appropriate conclusion on the information/data collected from sources	Various sources are reviewed in depth, all relevant and necessary aspects discussed and /or evaluated, experts' opinion analyzed, and provided strong conclusion on the information/data collected from sources
		4	Structure and coherence of literature review	5	No noticeable structure is evident	Poor structure; no clear relationship between sections of the review	Quite clear structure, but not all sections follow a natural or logical order	Well structured literature review where sections are well connected	A clear structure is obvious, which allows a reader to see relationships and transition between different sections; the review content is complete	The structure of the review is very clear which expands a reader's deeper understanding of the topic; the content is arranged in unquestionable logical order
		4	References	6	No references provided	No relevant references provided	Limited references, with questionable quality or relevance	Sufficient number of relevant and reliable references	Large number of relevant and reputable references	Huge number of relevant, cutting edge and wide variety of reputable references
Methodology & Project Management	16	4	Methodology of the project**	5	No description of project's methodology	Incomplete description of methodology	Quite sufficient description of methodology	Methodology is well described providing basic information to carry out a project	Methodology is clearly described providing all necessary information to carry out a project and reproduce the results	Methodology is described in very clear unquestionable manner to provide all necessary details to repeat it and obtain reproducible results
		4	Planning and managing of project activities	7	No evidence of project planning	Planning or resource allocation is poor and obviously insufficient	Main tasks are identified, but resource (time, cost, material etc.) allocation is insufficient	Main tasks are well identified and resources (time, cost, material etc.) allocated	All tasks are clearly identified and explained; necessary resource (time, cost, material etc.) allocation is clearly justified; all planned tasks/items are achieved timely	All tasks are clearly identified and well explained; all necessary resources (time, cost, material etc.) are allocated and clearly justified; all planned tasks/items are achieved as planned and successfully
		8	Explanation of Analysis Methods	3	No explanation of analysis method done	Insufficient explanation of analysis method	Basic explanation of analysis method	Sufficient explanation of analysis method	Detailed in-depth explanation of analysis method shows strong competency in the subject area	Very detailed and in-depth of analysis method

Results & Discussions	44	12	Analysis and interpretation of results	3	No analysis or interpretation done	Insufficient analysis or interpretation done	Basic analysis and interpretation done	Sufficient analysis and interpretation of results shows sufficient competency in the subject area	Detailed in-depth analysis and interpretation of results shows strong competency in the subject area; analysed the discrepancy between theoretical and previous studies (if applicable)	Very detailed and in-depth analysis and interpretation of results done which greatly expands reader's understanding of their significance as well as influencing factors; detailed explanation on the discrepancy between theoretical and previous studies (if applicable)	
		12	Generalize research findings	2	no effort	Enhance the research findings by attempt to apply but inappropriate inferential statistics tests in generalize the findings to the larger population.	Enhance the research findings by applying appropriate inferential statistics tests but did not demonstrate understanding of inferential statistic tests used in generalize the findings to the larger population.	Enhance the research findings by applying appropriate inferential statistics tests and attempt to but inadequate demonstrate understanding of inferential statistic tests used in generalize the findings to the larger population.	Enhance the research findings by applying appropriate inferential statistics tests and demonstrate some understanding of inferential statistic tests used in generalize the findings to the larger population.	Enhance the research findings by applying appropriate inferential statistics tests and demonstrate thorough understanding of inferential statistic tests used in generalize the findings to the larger population.	
		12	Presentation and explanation of results	5	Presentation is very confusing; no explanation of results	Overuse of area-specific jargon or misusing area-specific terms while presenting results, making them hard to understand; insufficient explanation of results	Results are understandable to those familiar with the subject area; inadequate explanation of results	All results presented in an organized manner supported by substantial explanation	All results presented in a clearly organized manner with a detailed explanation of results and very good discussion how each project objective is achieved	Results are extremely well organized, presented and explained in depth, including discussion of the complexities involved and how each project objective is achieved	
		8	Reproducibility/reliability of results	4	Clearly misleading or improbable claims made about results	Unverified claims made about results	Some results are improbable; least/weak attempt made to justify results using data and/or documentation	Results are consistent and convincing	Results are thoroughly supported and related to other sources to verify their reliability and authenticity	Very thoroughly supported results of strongly proven unquestionable reliability, authenticity	
Conclusion & Recommendations	8	4	Address research question and achievement of aims and objectives	3	Conclusion only describes result without touching on the research question, aims, or objectives	Brief conclusion that misses out either the research question or the stated aims and objectives	Conclusion mentions and matches most part of the research question and stated aims and objectives	Conclusion mentions and matches the research question and stated aims and objectives	Conclusion summarizes clearly how the project has achieved the research question and stated aims and objectives	Conclusion emphasizes the achievements of the research question and stated aims and objectives in a concise but thorough manner	
		4	Analysis of limitations and recommendations for future development	6	No mention of the potentials, limitations and recommendations for future development	Mentions some of the potentials and limitations but leaves out some obvious ones or unrealistic recommendations for future development	Mentions most of the potentials, limitations and some unrealistic recommendations for future development	Mentions the potentials, obvious limitations and realistic recommendations for future development	Describes potentials, limitations and realistic recommendations for future development in detail	Describes potentials, provides in-depth analysis of limitations including proposals for solutions and future development recommendations which are realistic and supported by evidence	
Report Quality	8	4	Language: grammar and style	5	Numerous grammatical or spelling errors are present which cause most part(s) of the report to be incomprehensible	Many obvious grammatical or spelling errors are present which negatively effect understandability of the report	Some obvious grammatical or spelling errors are present which affect understandability of the report	Few grammatical or spelling errors can be found which does not significantly affect the report's quality	A very few grammatical or spelling errors can be found which does not affect the report's quality	No grammatical or spelling errors	
		4	Citation of various sources	4	No citation or uses material from other sources without citation	Numerous citation and/or bibliography errors	Some of the citations and bibliography are correct, with a couple of major errors	Most of the citations and bibliography are correct, with a couple of minor errors	All citations and bibliography are shown according to the guidelines with very minor inaccuracies	All citations and bibliography are shown exactly according to the guidelines, with no errors	
		100	100								

** Methodology of the project - If project's research field/area requires the use of certain standards, this criteria should also be used to indicate the appropriate use of such standards.

Oral Presentation Part 2										
	Maximum Marks	Criteria	CO	Unacceptable (0)	Poor (1)	Marginal (2)	Average (3)	Good (4)	Excellent (5)	
Presentation Skill & Style	36	12	5	No indication of any structure	A disjointed presentation which is out of logical order	Poorly structured presentation with erratic topical shifts and jumps	Well structured presentation which provides good understanding of the project	A clearly structured presentation which enhances understanding of the project and engages an audience	An outstanding presentation of smooth unquestionable structure and engaging content that captures audience	
		12	5	Presenter does not make eye contact, mumbles or presentation or is interrupted in some major way due to lack of preparation	Presenter does not make eye contact, is hard to hear, or constantly interrupts the presentation himself/herself	Poor eye contact with audience, voice not very clearly heard, some minor interruptions to the presentation	Eye contact with audience, clear-voiced presentation, no interruption to presentation	Presenter speaks with confidence in clear loud voice and captures audience's attention	Very confident presenter who speaks and holds himself/herself as a professional, completely capturing audience's attention	
		12	5	Use of presentation tools and visual aids	No presentation tools and/or visual aids used	Very minimal use of presentation tools and/or aids, distracts audience or confuses understanding of the presentation	Presentation tools and/or aids add no value to understanding of the presentation	Presentation tools and/or aids are used appropriately	Creative presentation tools and/or aids are used that highlight the quality and audience's interest to the presentation	Novel, unusual, very creative presentation tools used which captures audience's attention and enhances understanding of the presentation
Technical Content / Demonstration	32	Not applicable to DS, pls remain this part unchanged								
Q&A	32	16	5	Quality of provided answers	Unable to answer question(s)	Out-of-topic or evasive answers to questions	Partly appropriate answers to questions	Concise answers provided	Detailed straight to the point and yet succinct answers provided	Thorough, well elaborated and very convincing answer provided
		16	5	Attitude and composure	Loses composure during the Q&A session	Visibly downcast, upset, or distracted during the Q&A session	Attentive when taking and answering questions	Attentive and adequately responsive when taking and answering questions	Calm, clear and confident when taking and answering questions	Impressive composure as of a professional speaker when taking and answering questions
	100	100								

*** Technical Content/Demonstration - For projects with no demonstration, total weight of 32 applies solely to the first and only assessment (based on presentation)

General Effort Part 1								
Maximum Marks	Criteria	CO	Unacceptable (0)	Poor (1)	Marginal (2)	Average (3)	Good (4)	Excellent (5)
24	Problem identification and analysis	1	No attempt made to identify or analyze the problem	Mis-identifies the problem or lacks analysis on a correctly identified problem	Correctly identifies the problem with some basic analysis	Correctly identifies the problem with adequate analysis	Correctly identifies the problem with insightful analysis	Correctly identifies the problem and is able to analyze the problem in-depth, including the identification of sub-problems
28	Selection and implementation of research methodology and management	7	No planning or scheduling is evident	Very brief plan or schedule without explicit milestones and goals, or selected plan or schedule is not realistic	A brief plan or schedule is selected, including milestones and goals	A plan or schedule is selected, including explicit milestones and goals	A plan or schedule is selected which includes well-chosen and significant milestones and goals	A thorough plan or schedule is selected which includes well-chosen and significant milestones and goals
16	Compliance with FYP policies/guidelines and ethical norms	4	Habitually late or absent, often misses deadlines, or totally lacks independence in carrying out project	Frequent cases of absence or lateness, or overly reliant on supervisor's guidance	Scattered cases of absence or lateness, or reliant on supervisor's guidance	Mostly punctual, meets most deadlines, and is reasonably independent of supervisor's instructions	Always punctual, meets all deadlines, and demonstrates considerable independence of supervisor's instructions	Always punctual, meets all deadlines, and takes own initiatives outside of supervisor's recommendations
16	Discipline and regular reporting	6	Non-existing log book, never reports to supervisor or does not heed supervisor's advice	Sparsely filled in log book, rarely reports to supervisor or not very receptive to advice	Log book is used to keep supervisor fairly updated on progress, but student is not receptive to supervisor's advice	Log book is used appropriately to keep supervisor fairly updated on progress, and student is receptive to supervisor's advice	Log book is well compiled, student regularly updates supervisor and seeks the appropriate advice	Takes initiative to inform supervisor of progress while actively seeking supervisor's input where necessary, above and beyond the normal log book requirements
16	Personal development/life long learning activities	6	No attempt(s) to develop personally	Limited interest in personal development, participated in at least one activity for this purpose, or honed an existing skill set for this project	sufficient interest in personal development, participated in a few activities for this purpose or improved an existing skill set for this project	Willing to develop personally and participated in some activities for this purpose or improved an existing skill set for this project	Eager to develop personally and often participated in activities for this purpose or picked up new skills for this project	Very eager to develop personally and often participated in activities or self-learning of skills for this project
100								

General Effort Part 2								
Maximum Marks	Criteria	CO	Unacceptable (0)	Poor (1)	Marginal (2)	Average (3)	Good (4)	Excellent (5)
28	Generalize research findings	2	no effort	Enhance the research findings by attempt to apply but inappropriate inferential statistics tests in generalize the findings to the larger population.	Enhance the research findings by applying appropriate inferential statistics tests but did not demonstrate understanding of inferential statistic tests used in generalize the findings to the larger population.	Enhance the research findings by applying appropriate inferential statistics tests and attempt to but inadequate demonstrate understanding of inferential statistic tests used in generalize the findings to the larger population.	Enhance the research findings by applying appropriate inferential statistics tests and demonstrate some understanding of inferential statistic tests used in generalize the findings to the larger population.	Enhance the research findings by applying appropriate inferential statistics tests and demonstrate thorough understanding of inferential statistic tests used in generalize the findings to the larger population.
16	Selection and implementation of research methodology and management	7	No planning or scheduling is evident	Very brief plan or schedule without explicit milestones and goals, or selected plan or schedule is not realistic	A brief plan or schedule is selected, including milestones and goals	A plan or schedule is selected, including explicit milestones and goals	A plan or schedule is selected which includes well-chosen and significant milestones and goals	A thorough plan or schedule is selected which includes well-chosen and significant milestones and goals

20	Problem identification and analysis	1	No attempt made to identify or analyze the problem	Mis-identifies the problem or lacks analysis on a correctly identified problem	Correctly identifies the problem with some basic analysis	Correctly identifies the problem with adequate analysis	Correctly identifies the problem with insightful analysis	Correctly identifies the problem and is able to analyze the problem in-depth, including the identification of sub-problems
12	Compliance with FYP policies/guidelines and ethical norms	4	Habitually late or absent, often misses deadlines, or totally lacks independence in carrying out project	Frequent cases of absence or lateness, or overly reliant on supervisor's guidance	Scattered cases of absence or lateness, or reliant on supervisor's guidance	Mostly punctual, meets most deadlines, and is reasonably independent of supervisor's instructions	Always punctual, meets all deadlines, and demonstrates considerable independence of supervisor's instructions	Always punctual, meets all deadlines, and takes own initiatives outside of supervisor's recommendations
12	Discipline and regular reporting	6	Non-existing log book, never reports to supervisor or does not heed supervisor's advice	Sparsely filled in log book, rarely reports to supervisor or not very receptive to advice	Log book is used to keep supervisor fairly updated on progress, but student is not receptive to supervisor's advice	Log book is used appropriately to keep supervisor fairly updated on progress, and student is receptive to supervisor's advice	Log book is well compiled, student regularly updates supervisor and seeks the appropriate advice	Takes initiative to inform supervisor of progress while actively seeking supervisor's input where necessary, above and beyond the normal log book requirements
12	Personal development/life long learning activities	6	No attempt(s) to develop personally	Limited interest in personal development, participated in at least one activity for this purpose, or honed an existing skill set for this project	sufficient interest in personal development, participated in a few activities for this purpose or improved an existing skill set for this project	Willing to develop personally and participated in some activities for this purpose or improved an existing skill set for this project	Eager to develop personally and often participated in activities for this purpose or picked up new skills for this project	Very eager to develop personally and often participated in activities or self-learning of skills for this project
100								

Poster Submission								
Maximum Marks	Criteria	CO	Unacceptable (0, Special Penalty)	Poor (1)	Marginal (2)	Average (3)	Good (4)	Excellent (5)
100	FYP Poster	6	Did not submit a poster, or submitted a blank poster (Failing grade awarded)	Submitted a poster with obvious deficiencies in content, design, and/or presentation	Submitted a poster of acceptable quality with basic informational content and a readable design/presentation	Submitted a poster of good quality with fairly good amount of information regarding the project and a readable design/presentation	Submitted a poster of very good quality with a good amount of information regarding the project and is interesting to read	Submitted a poster of outstanding quality which emphasizes significant information regarding the project and an eye-catching design/presentation
100								

Overall Ethical Compliance							
Criteria	CO	Unacceptable (Special penalty)	Poor (1)	Marginal (2)	Average (3)	Good (4)	Excellent (5)
Report originality	4	Overall similarity index exceeds 20% or similarity with any individual source exceeds 3% (Failing grade awarded)	Similarity index of between 12% and 20%	Similarity index of between 8% and 12%	Similarity index of between 5% and 8%	Similarity index of between 2% and 5%	Similarity index of between 0% and 2%
Timely submission of final report	7	Late by 2 days or more (Failing grade awarded)	Late by less than 2 days (Deduction of 5 marks from overall total score for Project)	Late by less than 1 day (Deduction of 5 marks from overall total score for Project)	On time	On time	On time