

RUBRICS FOR FYP EVALUATION

Project Title	
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Criteria of evaluation as per PLOs	Weight	Marks* (as per weightage of 100%)	Level of Achievement				Total Marks = 100 (Internal)	Total Marks = 100 (External)	PLO** %age
			Excellent	Good	Average	Unsatisfactory			
			80-100%	60-80%	50-60%	Below 50%			
							Obtained Marks		
Problem Analysis	___%		Principles of engineering are thoroughly applied to address the targeted engineering problem	Most of the principles of engineering are applied in identifying, formulating and concluding the complex engineering problem.	Too many assumptions are made in problem analysis and work mostly cites less authentic research.	Reported analysis is not conclusive and is based on thumb rule-based approaches.			
Design/ Development of Solution	___%		Proposed design follows systematic approach in all aspects. It complies with existing standards of respective field and fulfils all requirements including safety, conservation and economics.	Proposed design fulfils most of the requirements with some recommended improvements. It does not comply with existing standards of the respective field.	Few deficiencies in exploring design and is implemented without multi-step verifications. OR final testing could not be carried.	Proposed design does not follow engineering approach and has serious deficiencies in the theoretical framework of design.			
Investigation	___%		The complex engineering problem is investigated in a methodical way. Valid conclusions have been derived after testing multiple case studies and conditions.	Most of the steps of methodical investigation are covered. More case studies/experiments are needed to test in order to draw authentic conclusion.	Experiment analysis requires improvement OR drew conclusion is based on insufficient data or literature review.	Does not follow the methodical way of investigation at all and is not conclusive.			
Modern Tool Usage	___%		Appropriate IT tools are selected and applied with proper understanding of their limitations.	Selection of IT tools is appropriate however; its potentials have not been explored and applied fully.	Selection of IT tools is very trivial with too many limitations. Or require more familiarization with the selected IT tool.	Incorrect selection of IT tool.			

Communication (Speech quality, Quality of slides, Maintain formal attire)	10%		Use of very fluent speech. Effective use of charts, graphs, figures etc. Dressed in highly professional manner.	Satisfactory use of inflection. Fair use of charts, graphs, figures etc. Generally well groomed and professional.	Occasional use of inflection. Limited use of charts, graphs, figures etc. Dressed neatly but casual.	Monotone voice. Information in unstructured way. Dressed inappropriately.				
Project Management (Timely submission)	5%		Submitted before deadline.	Submitted on deadline.	Submitted one day after deadline.	Failed to follow deadline.				
Team Work	5%		Almost always listens to, shares with and supports the efforts of others.	Usually listens to, shares with and supports the efforts of others.	Sometimes listens to, shares with and supports the efforts of others.	Rarely listens to, shares with and supports the efforts of others.				
Lifelong Learning	10%		Ability to appropriately use skills, theories, or methodologies gained towards project working. High potential for commercialization with little or no refinement in future.	Ability to fairly use skills, theories, or methodologies gained towards project working. Easily commercialize with significant refinement in future.	Some use of skills, theories, or methodologies gained towards project working.	No use of skills, theories, or methodologies gained towards project working.				
Total	100%		Total out of maximum marks:100							
Average marks from Internal and External Examiner										

Examiner:	Internal	External
Name:		
Signature:		

* Scaling factor will be used at the end of the sheet

** PLO attainment in percentage = ((Internal Marks +External Marks) / 200)*Total Marks of PLO