Department of Computer Science and Engineering

Rubrics for Final Year Thesis/Project Evaluation

Criteria/ Rubrics (Ri)	1 - Unacceptable	2 – Acceptable	3 - Adequate	4 - Proficient	CO/POs	KP	WP	EA
R1 Project Knowledge	Student has no knowledge of problem and solution.	Partial understanding of the overall thesis/project problem statement, goals and complexity with an approximate plan and minor design deliverables to proceed further.	Student has competent knowledge and can reply to the queries but without justification.	Full understanding of the overall thesis/project problem statement, goals and complexity with a clear workout plan, design deliverables and feasibility report to proceed further.	(CO-1) PO-1 PO-2	1-4	1-7	1-5
R2 Organization and Content of Presentation	Student is clueless about the content of presentation	Student has not employed graphs, figures, charts to explain salient points	Student has clearly organized presentation content and used few figures and graphs	All key points covered in presentation and student has presented with clear and logical flow.	(CO-6) PO-10			
R3 Societal Impact	Student is clueless about societal impact	Student knows but is unable to justify societal impact of thesis/project	Student gives reasonable justification of societal impact of thesis/project	Student provides sufficient details about how this thesis/project will impact the Society.	(CO-4) PO-7 PO-8	7		
R4 Literature Review	Literature review is absent or in vague form	Literature review contains reasonable description of thesis/project background but more research references are required	The review gives good background knowledge of the thesis/project but it is not written in scientific writing standard	Literature review is excellently written according to the scientific writing standards and covers maximum of research material	(CO-2) PO-3 PO-4	8		
R5	The approach	The methods,	The methods, design,	The methods, design,	(CO-2)	5		

Methodology and design	that will be taken to solve the problem is not discussed	design, algorithm and other aspects are discussed but not convincingly. Much is left to reader's imagination	algorithm and other aspects are discussed sufficiently.	algorithms and other aspects are sufficiently discussed with details and figures. Work division between group member s is defined	(CO-3) PO-3 PO-4	6
R6 Tools and Technologies	Student has not used existing engineering tools	Student has marginally exploited the capabilities of the tools used to create thesis/project	Student has adequately used modern tools to complete thesis/project but lacks other alternatives that could have been used	Student has employed tools to their capacity and is well informed of modern tool usage.	(CO-3) PO-5 PO-5	6
R7 Green Computing	Student is clueless about the environmental impact of the thesis/project	Student is unable to justify the environmental impact of the thesis/project and its sustainability goals	Student justifies efficient resource utilization and its impact on environment	Student provides clear environmental and sustainability goals and how they are achieved.	(CO-3) (CO-4) PO-7	5 7
R8 Ethics	The thesis/project contents are plagiarized	Student has cited others work but it is not related to the thesis/project	Student has cited existing work but it is not consistent.	Properly acknowledged and ethically used existing work/material	(CO-4) PO-8	7
R9 Work Division & Management	Working division among group members is not shown	Work division is shown but more clarity is needed	Work division is clearly shown	Work division is shown and each member is equally given responsibilities	(CO-5) PO-9 PO-11	
R10 Lifelong Learning	Student has poor preparation to engage in independent & lifelong learning	Student has poorly engaging in independent learning	Student is satisfactorily engaged in life-long learning in the broader context of technological change/managerial/co mmunity activities.	Student has shown keen interest in independently engaging in lifelong learning.	(CO-6) PO-12	

Marks Distribution for 7th Semester (100 Marks)

Chairman	Supervisor	Internal Expert	Total
25	25	50	100

Rubrics for Final Year Thesis/Project Evaluation (7th Semester Pre-Defense)

Rubrics (Ri)	Marks Obtained	Unacceptable	Acceptable	Adequate	Proficient
R1 Project Knowledge	5	0	3	4	5
R2 Organization and Content of Presentation	4	0	2	3	4
R3 Societal Impact	4	0	2	3	4
R4 Literature Review	3	0	1	2	3
R5 Methodology and design	3	0	1	2	3
R6 Tools and Technologies	3	0	1	2	3
R7 Green Computing	3	0	1	2	3
R8 Ethics					
R9 Work Division & Management					
R10 Lifelong Learning					
Total	25				

Marks Distribution for 8th Semester (100 Marks)

Chairman	Supervisor	External Expert	Total
25	25	50	100

Rubrics for Final Year Thesis/Project Evaluation (8th Semester Final Defense)

Rubrics (Ri)	Marks Obtained	Unacceptable	Acceptable	Adequate	Proficient
R1 Project Knowledge	5	0	3	4	5
R2 Organization and Content of Presentation	4	0	2	3	4
R3 Societal Impact	4	0	2	3	4
R4 Literature Review	3	0	1	2	3
R5 Methodology and design	3	0	1	2	3
R6 Tools and Technologies	3	0	1	2	3
R7 Green Computing	3	0	1	2	3
R8 Ethics					
R9 Work Division & Management					
R10 Lifelong Learning					
Total	**25**				

Final Year Thesis/Project Evaluation (7th Semester Pre-Defense)

Thesis/Project Title: _____

_____

Student Name :_____ **Student ID**: _____

Rubrics (Ri)	PO	Evaluation				Marks	
		Unacceptable	Acceptable	Adequate	Proficient	Total	Obtained
R1 Project/Thesis Knowledge	PO 1: Engineering Knowledge (CO-1) PO 2: Problem Analysis (CO-1)	□	□	□	□	**5**	
R2 Organization and Content of Presentation and publications/poster.	PO 10: Communication (CO-6) PO 12: Life Long Learning (CO-6)	□	□	□	□	**4**	
R4 Literature Review	PO 3: Problem Analysis (CO-2) PO 4: Investigation (CO-2)	□	□	□	□	**4**	
R5 Methodology and design	PO 4: Investigation (CO-2)	□	□	□	□	**3**	
R6 Tools and Technologies	PO 5: Modern Tool Usage (CO-3)	□	□	□	□	**3**	
R8 The Engineer and Society, Environment and Sustainability and Ethics	PO 6: The Engineer and Society PO 7: Environment and Sustainability PO 8: Ethics (CO-4)	□	□	□	□	**3**	
R9 Individual/Team efforts	PO 9: Individual and Team Work PO 11: Project Management (CO-5)	□	□	□	□	**3**	
					Total Marks	**25**	

Evaluator Name: _____   Signature with Date:_____

`Comments_____

25

Final Year Thesis/Project Evaluation (8th Semester Final Defense)

Thesis/Project Title: _____

_____

Student Name : _____ **Student ID**: _____

Rubrics (Ri)	PO	Evaluation				Marks	
		Unacceptable	Acceptable	Adequate	Proficient	**Total**	**Obtained**
R2 Organization and Content of Presentation	PO 10: Communication (CO-6)	☐	☐	☐	☐	**5**	
R3 Societal Impact	PO 6: The Engineer and Society (CO-4)	☐	☐	☐	☐	**4**	
R6 Tools and Technologies	PO 5: Modern Tool Usage (CO-3)	☐	☐	☐	☐	**4**	
R7 Green Computing	PO 7: Environment and Sustainability (CO-4)	☐	☐	☐	☐	**3**	
R8 Ethics	PO 8: Ethics (CO-4)	☐	☐	☐	☐	**3**	
R9 Individual/Team efforts	PO 9: Individual and Team Work (CO-5)	☐	☐	☐	☐	**3**	
R10 Life-long learning (internship/CPD Points/Community work/Society Membership)	PO 12: Lifelong Learning (CO-6)	☐	☐	☐	☐	**3**	
					Total Marks	**25**	

Evaluator Name: _____ Signature with Date:_____

`Comments_____