

BDP 1 Detail Mapping of SK SP TA

Course Learning Outcomes (CLO) 1	Rubric	Attribute	Component	Marks	SP1	SP2	SP3	SP4	SP5	SP6	SP7
Evaluate appropriate methodologies for successful execution of the project. (SK5) PO3	Panel Report Evaluation / SV Report Evaluation	Design/Development of Solutions	Abstract	0.5							
			Introduction	1							
			Problem Statement	2							
			Objective	1							
			Scope	1							
			Literature Review	6		✓	✓	✓			
			Methodology	4	✓	✓					✓
			Preliminary Results	1.5							
			Citation and References	1							
			Language and Formatting	1							
Conclusion	1										
Overall (individual CLO)	20	✓	✓	✓	✓				✓		

Course Learning Outcomes (CLO) 2	Rubric	Attribute	Component	Marks	SP1	SP2	SP3	SP4	SP5	SP6	SP7
Imitate appropriate existing concepts in engineering technology fields. (SK8) PO4	Presentation Panel Evaluation - Project Concept	Investigation	Project Readiness	5		✓					
			Preliminary Results	10	✓		✓				
			Overall (individual CLO)	15	✓	✓		✓			

Course Learning Outcomes (CLO) 3	Rubric	Attribute	Component	Marks	SP1	SP2	SP3	SP4	SP5	SP6	SP7
Demonstrate awareness of societal and global issues (societal/health/safety/legal/cultural issues). (SK7) PO6	Panel Report Evaluation: Awareness of societal and global issues	The Engineer and Society	Chapter 1	1						✓	
			Chapter 2	4						✓	
			Overall (individual CLO)	5							✓

Course Learning Outcomes (CLO) 4	Rubric	Attribute	Component	Marks	SP1	SP2	SP3	SP4	SP5	SP6	SP7
Justify tools and procedures involved in the planning of the project for sustainable development. (SK7) PO7	Panel Report Evaluation: Sustainable Development	Environment and Sustainability	Chapter 3	5					✓		
			Overall (individual CLO)	5					✓		

Course Learning Outcomes (CLO) 5	Rubric	Attribute	Component	Marks	SP1	SP2	SP3	SP4	SP5	SP6	SP7	TA1	TA2	TA3	TA4	TA5		
Explain the project execution and findings in oral and written forms effectively. PO10	Presentation Panel Evaluation - Presentation	Communication	Speech Delivery	2.5									✓			✓		
			Confidence	2.5										✓				
			Understand and Respond to Questions	2.5											✓			✓
			Organization and Presentation Skills	2.5										✓				
Overall (individual CLO)	10										✓	✓			✓			

Course Learning Outcomes (CLO) 6	Rubric	Attribute	Component	Marks	SP1	SP2	SP3	SP4	SP5	SP6	SP7	TA1	TA2	TA3	TA4	TA5		
Relate previous works and relevant theories using various resources. PO12	Logbook and Week Progress (Week 6) - Work Progress (Week 6)	Life Long Learning	Responsiveness	0.5														
			Initiative	1.5														
			Effort	1.5														
			Organization	1.5														
			Responsiveness	0.5														
			Initiative	1.5														
			Effort	1.5														
			Organization	1.5														
Overall (individual CLO)	10																	

Course Learning Outcomes (CLO) 7	Rubric	Attribute	Component	Marks	SP1	SP2	SP3	SP4	SP5	SP6	SP7	TA1	TA2	TA3	TA4	TA5		
Propose and manage project using appropriate ideas and resources. PO11	Supervisor Evaluation - General Conduct	Project Management and Finance	Identifying Problem	4														
			Application	4														
			Decision Making	4														
			Attitude, Commitment and Discipline	3														
			Overall (individual CLO)	15														

	SP1	SP2	SP3	SP4	SP5	SP6	SP7	TA1	TA2	TA3	TA4	TA5
Overall (all CLOs)	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓
Frequency	2	3	1	2	1	2	1	1	3			2