

BDP 1 Mapping Description

Course Learning Outcomes (CLO) 1	Rubric	Attribute	Component	SP/TA	Keywords	Description
Evaluate appropriate methodologies for successful execution of the project. (SK5) PO3	Panel Report Evaluation / SV Report Evaluation	Design/Development of Solutions	Abstract			
			Introduction			
			Problem Statement			
			Objective			
			Scope			
			Literature Review	SP2	comparisons	conflicting requirement of the project could be deduced through comparisons between the existing systems/techniques/technology
				SP3	well-proven	investigation into well-proven existing systems/techniques/technology require depth of analysis
				SP4	closely related	require familiarity of issues to provide investigation of closely related systems/techniques/technology
			Methodology	SP1	in-depth	require engineering knowledge to resolve for in depth description of methodology
				SP2	procedure	variety of factors which may impose conflicting constraint need to be considered before the procedure could be designed
	SP7	interdependency	parts of the systems within complex engineering problems			
Preliminary Results						
Citation and References						
Language and Formatting						
Conclusion						
Course Learning Outcomes (CLO) 2	Rubric	Attribute	Component	SP/TA	Keywords	Description
Imitate appropriate existing concepts in engineering technology fields. (SK8) PO4	Presentation Panel Evaluation - Project Concept	Investigation	Project Readiness	SP2	variety of factors	variety of factors which may impose conflicting constraint are acquired through literature review and methodology design
			Preliminary Results	SP1	relevant	require depth of knowledge on the application of developed technology
				SP4	well-recognize	well-recognized preliminary results within the area of the project require issue familiarity
Course Learning Outcomes (CLO) 3	Rubric	Attribute	Component	SP/TA	Keywords	Description
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	Introduction	SP6	Societal and global issues	involve several groups of stakeholders with differing and occasionally conflicting needs
			Literature Review	SP6	Societal and global issues	involve several groups of stakeholders with differing and occasionally conflicting needs
Course Learning Outcomes (CLO) 4	Rubric	Attribute	Component	SP/TA	Keywords	Description
Justify tools and procedures involved in the planning of the project for sustainable development. (SK7) PO7	Panel Report Evaluation: Sustainable Development	Environment and Sustainability	Methodology	SP5	sustainable development	may be partially outside those encompassed by standards or codes of practice
Course Learning Outcomes (CLO) 5	Rubric	Attribute	Component	SP/TA	Keywords	Description
Explain the project execution and findings in oral and written forms effectively. PO10	Presentation Panel Evaluation - Presentation	Communication	Speech Delivery	TA2	present	require an interaction to present technical, engineering and other issues
				TA5	explain	require familiarity to do the explanation
			Confidence	TA2	interaction	require resolution of occasional interaction to present technical, engineering and other issues of which few are conflicting
			Understand and Respond to Questions	TA2	respond	require an interaction to present technical, engineering and other issues
				TA5	understand	require knowledge and familiarity to understand the question being asked
Organization and Presentation Skills	TA1	variety of resources	involve variety of resources which include information, materials, and technologies.			
Course Learning Outcomes (CLO) 6	Rubric	Attribute	Component	SP/TA	Keywords	Description
Relate previous works and relevant theories using various resources. PO12	Logbook and Week Progress (Week 6) - Work Progress Logbook and Week Progress (Week 6) - Logbook (Week 6) Logbook and Week Progress (Week 12) - Work Progress Logbook and Week Progress (Week 12) - Logbook (Week 12)	Life Long Learning	Responsiveness			
			Initiative			
			Effort			
			Organization			
			Responsiveness			
			Initiative			
			Effort			
			Organization			
Course Learning Outcomes (CLO) 7	Rubric	Attribute	Component	SP/TA	Keywords	Description
Propose and manage project using appropriate ideas and resources. PO11	Supervisor Evaluation - General Conduct	Project Management and Finance	Identifying Problem			
			Application			
			Decision Making			
			Attitude, Commitment and Discipline			