PEMETAAN MATLAMAT PENDIDIKAN INSTITUSI VS. OBJEKTIF PENDIDIKAN PROGRAM (PE0)

&

MATLAMAT PENDIDIKAN INSTITUSI VS. HASIL PEMBELAJARAN PROGRAM (PLO)

PROGRAM: SARJANA MUDA TEKNOLOGI (KEPUJIAN) (PERSEKITARAN)

PTJ: TEKNOLOGI INDUSTRI

a) **Pemetaan PEO - IEG**

PEO	PEO statement	THINKER (T)	BALANCED (B)	ENTREPRENEURIAL (E)	ARTICULATE (A)	HOLISTIC (H)
		IEG1	IEG2	IEG3	IEG4	IEG5
PEO1	Graduates who are competent, creative, innovative and capable of solving problems in Environmental Technology on the global and society level for sustainable development.	√				
PEO2	Graduates that can communicate and work in interdisciplinary teams effectively in the Environmental Technology field.				√	
PEO3	Graduates who have leadership skills, a positive attitude, and professional ethics in the Environmental Technology field.		√			√
PEO4	Graduates who can contribute to society's well-being and the sustainability of the environment.			√		
PEO5	Graduates who have an interest in entrepreneurship and constantly strive to acquire new knowledge through research, continuing education and/or professional development activities.			√		√

b) Pemetaan PLO - IEG

PLO	MQF 2.0 DOMAIN	PROGRAM LEARNING OUTCOMES, PLO	IEG ELEMENT	
PLO1	**Cluster 1 Knowledge and Understanding** Knowledge & understanding (PLO1)	Acquire the advanced and comprehensive theoretical and technical knowledge and skills in the area of Environmental Technology specialised **(Knowledge)**	IEG1	**THINKER (T)**
PLO2	**Cluster 3 Functional Works and Skills** Practical skills (PLO3a)	Exhibit extensive technical skills in the area of Environmental Technology specialisation **(Technical Skill, Practical Skill, Psychomotor)**	IEG1	**THINKER (T)**
PLO3	**Cluster 2 Cognitive Skills** Cognitive skills (PLO2)	Identify and resolve issues and problems in a critical, creative, and innovative manner in the area of Environmental Technology specialisation **(Thinking Skill and Scientific Approach)**	IEG1	**THINKER (T)**
PLO4	**Cluster 3 Functional Works and Skills** Communication skill (PLO3c)	Acquire the skill to communicate effectively in all walks of life **(Communication Skill)**	IEG4	ARTICULATE (A)
PLO5	**Cluster 3 Functional Works and Skills** Interpersonal skill (PLO3b)	Display a sense of responsibility and master social skills **(Social and Responsibility Skill)**	IEG2	**BALANCED (B)**

PLO6	**Cluster 5** **Ethics and Professionalism** Ethics and professionalism (PLO5)	Understand and manage the environmental industry in a professional and ethical manner **(Professionalism, Value, Attitude and Ethics)**	IEG2	**BALANCED (B)**
PLO7	**Cluster 4** **Leadership, Autonomy and Responsibility** Personal skill (PLO4a)	Manage current information and recognise the importance of lifelong learning **(Lifelong Education and Information Management)**	IEG5	**HOLISTIC (H)**
PLO8	**Cluster 4** **Leadership, Autonomy and Responsibility** Entrepreneurial skill (PLO4b)	Acquire entrepreneurial knowledge base for career development **(Management and Entrepreneurship Skill)**	IEG3	**ENTREPRENEURIAL (E)**
PLO9	**Cluster 4** **Leadership, Autonomy and Responsibility** Leadership, autonomy and responsibility (PLO3f)	Function effectively as an individual and in a team with the ability to lead **(Leadership Skill)**	IEG5	**HOLISTIC (H)**
PLO10	**Cluster 3** **Functional Works and Skills**	Demonstrate basic digital skills for living, learning and working in a society **(Digital Skill)**	IEG1	**THINKER (T)**

		Digital skills (PLO3d)			
PLO11	**Cluster 3 Functional Works and Skills** Numeracy skill (PLO3e)	Demonstrate numeracy skills in all aspects of life **(Numeracy Skill)**		IEG1	**THINKER (T)**