

PROGRAM EDUCATIONAL OBJECTIVES (PEO) - INSTITUTIONAL EDUCATION GOAL (IEG)
MASTER OF SCIENCE IN CHEMICAL ENGINEERING

PEO - IEG

PEO	PEO STATEMENT	THINKER (T)	BALANCED (B)	ENTREPRENEURIAL (E)	ARTICULATE (A)	HOLISTIC (H)
		IEG1	IEG2	IEG3	IEG4	IEG5
PEO1	Capable of integrating concepts, theories, methods, and current knowledge to conduct quality research that benefits both the local and global community. (PLO1 - Knowledge and Understanding, PLO2 - Cognitive Skills)	√	√			
PEO2	Graduates who are skilled in analyzing problems critically and accurately and capable of exploring creative and innovative solutions through various modern digital platforms. (PLO3 - Practical Skills, PLO6 - Digital Skills, PLO7 - Numeracy Skills)	√	√			

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PEO3	<i>Practicing professional, sustainable, and ethical values in fulfilling responsibilities to employers, society, and the nation. (PLO11 - Ethics & Professionalism, PLO8 - Leadership, Autonomy & Responsibility)</i>		√			√
PEO4	<i>Possess effective and confident communication skills in conveying knowledge orally and in writing and be able to apply entrepreneurial mindsets and skills in research work. (PLO5 - Communication Skills, PLO10 - Entrepreneurial Skills)</i>			√	√	
PEO5	<i>Capable of exploring new knowledge and cross-disciplinary collaboration that impacts the socio-economic development and sustainability of society and the nation. (PLO4 - Interpersonal Skills, PLO9 - Personal Skills)</i>				√	√