PILO Category	Program Intended Learning Outcome (PILO)	Alignment with Department Vision	Alignment with Department Mission
A. Knowledge	**PILO-1:** Analyze complex computing problems and apply principles of computing to identify solutions.	Supports becoming a pioneering research department in Artificial Intelligence and robotics.	Enables students to identify and address challenges through modern academic programs.
	PILO-2: Design, implement, and evaluate computing-based solutions to meet requirements.	Contributes to dissemination of solutions (Artificial Intelligence and robotics).	Provides standardized teaching/training for practical problem-solving.
B. Skills	**PILO-3:** Communicate effectively in professional contexts.	Establishes the department as a regional leader through articulate graduates.	Ensures students can present solutions clearly in a pioneering academic environment.
	PILO-4: Recognize professional responsibilities and make ethical judgments in computing.	Reinforces ethical research and practices in Artificial Intelligence and robotics.	Trains students to handle Artificial Intelligence and robotics challenges with legal/ethical awareness.
C. Competences	**PILO-5:** Function effectively as a team member/leader in discipline-related activities.	Supports collaborative R&D in Artificial Intelligence and robotics.	Prepares students for real-world teamwork in academic/training programs.
	PILO-6: Apply Virtual Reality principles to Develop Artificial Intelligence and robotics systems.	Directly aligns with focus on Artificial Intelligence and robotics solutions (local/regional impact).	Ensures graduates can address Artificial Intelligence and robotics challenges through modern training.