

Mapping of Digital Forensics PILOs with Department Vision & Mission

PILO Category	Program Intended Learning Outcome (PILO)	Alignment with Department Vision	Alignment with Department Mission
A. Knowledge	PILO-1: Analyze complex computing problems using principles of computing and relevant disciplines.	Supports becoming a pioneering research department in digital forensics and cyber-investigation.	Enables students to identify and address forensic challenges through modern academic programs.
	PILO-2: Design, implement, and evaluate computing-based solutions to meet forensic requirements.	Contributes to development of digital forensic solutions (local/regional impact).	Provides standardized teaching/training to develop practical forensic tools and techniques.
B. Skills	PILO-3: Communicate effectively in professional contexts.	Establishes the department as a hub for articulate digital forensics professionals .	Ensures students can present forensic findings clearly in legal and professional settings.
	PILO-4: Recognize professional responsibilities and make ethical judgments in computing.	Reinforces ethical forensic practices (e.g., chain of custody, privacy) in research.	Trains students to handle cyber-investigations with legal/ethical awareness (e.g., rules of evidence).
C. Competences	PILO-5: Function effectively as a team member/leader in forensic activities.	Promotes collaborative R&D (e.g., multi-disciplinary forensic investigations).	Prepares students for real-world teamwork in incident response and forensic analysis.
	PILO-6: Apply security principles and practices to maintain operations amid risks and threats.	Directly aligns with cyber-security and forensic integrity (local/regional impact).	Equips graduates to protect digital evidence and maintain forensic operations securely.