Program Learning Outcomes (PEO)

PLO	PO Attribute	PLO/PO'S Statements
PLO-1	Engineering Technology Knowledge	An ability to apply knowledge of mathematics, natural science, engineering technology fundamentals, and engineering technology specialization, to defined and applied engineering technology procedures, processes, systems or methodologies.
PLO-2	Problem Analysis	An ability to identify, formulate, research literature, and analyze Broadly Defined Engineering Technology Problems to reach substantiated conclusions, using analytical tools appropriate to the discipline or area of specialization.
PLO-3	Design/ Development of Solutions	An ability to design solutions for Broadly Defined Engineering Technology Problems that help design of systems, components or processes that meet specified needs, while being cognizant of public health and safety issues, and conscious of cultural, societal, and environmental considerations.
PLO-4	Investigation	An ability to investigate Broadly Defined Engineering Technology Problems by locating, searching, and selecting relevant data from codes, data bases and literature, and finally, by designing and conducting experiments to provide valid conclusions.
PLO-5	Tool Usage	An ability to select and apply appropriate techniques, resources, modern technology, and IT tools, including prediction and modelling, to Broadly Defined Engineering Technology Problems.
PLO-6	The Technologist and Society	An ability to understand the societal, health, safety, legal and cultural issues, and the consequent responsibilities relevant to engineering technology practice and solutions to Broadly Defined Engineering Technology problems.
PLO-7	Environment and Sustainability	An ability to understand and evaluate the sustainability and impact of engineering technology work in the solution of Broadly Defined Engineering Technology Problems in societal and environmental contexts.
PLO-8	Ethics	Understand and commit to professional ethics and responsibilities and norms of engineering technology practice.
PLO-9	Individual and Team Work	An ability to function effectively as an individual, and as a member or leader in diverse teams.

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PLO-10	Communication	An ability to communicate effectively on Broadly Defined Engineering Technology activities with engineering technologist community, and with society at large, by comprehending and writing effective reports and design documents, make effective presentations, and give and receive clear instructions.
PLO-11	Project Management	An ability to demonstrate knowledge and understanding of engineering technology management principles and apply these to one's own work, as a member or leader in a team, and to manage projects in multidisciplinary environments.
PLO-12	Lifelong Learning	An ability to recognize the need for and engage in independent and life-long learning in engineering technologies.