Programme Educational Objectives with Descriptions, Indicators, Targets, and Supporting Efforts

Programme Educational Objectives	Description	Performance Indicator	Performance Target	Achievement Criteria	Assessment Instruments
PEO 1 Demonstrate a wide range level of knowledge and practical skills in electronics engineering technology, including digital and numeracy abilities, contributing effectively to the management and execution of industry-standard protects	Provide quality services to engineering related industries.	**PI 1**: **Knowledge/Cognitive** Graduates are capable in applying engineering knowledge related to electrical and electronics engineering technology field or any other engineering filed in general **PI 2: Technological Advancements (Competency)** Graduates are knowledgeable in using relevant software/IT tools/technology and keep abreast with current industrial needs and challenges **PI 3: Resource Management** Graduates are capable of contributing to manging project resources to enhance process efficiency and navigating the best possible resolution	65%	At least 65% of the graduates should demonstrate proficiency in applying engineering knowledge to solve problems related to electrical and electronics engineering, effectively utilize relevant software and IT tools to address industry-related tasks, and efficiently manage project resources to enhance process efficiency and decision-making	Assessment of graduates will be based on final year project reports and presentations, course assessments such as quizzes, assignments, and exams, laboratory-based software evaluations, industrial training reports and evaluations, as well as rubric-based assessments of project and resource management activities including peer and supervisor evaluations.
PEO 2 Demonstrate good communication and interpersonal relationships while resolving technical and non-technical challenges, with consideration for sustainable practices and accommodating their impact on society and the environment.	- Engage in Professional society: IEEE, IEM, IET. - Play an active role in entrepreneurship for the community through professional practices. - Apply sustainable and ethical approaches in engineering decisions. - Demonstrate awareness of societal, health, safety,	**PI 4: Communication skills** Graduates can effectively communicate and write engineering document, both technical and non-technical, and articulate the relevance of sustainable practices in engineering projects to various stakeholders **PI 5: Interpersonal Skills** Graduates can manage interpersonal relationships communicate across various technical and non-technical contexts, and accommodate sustainability's impact on societies and environment	**65%**	At least 65% of the graduates should demonstrate the ability to communicate effectively in both technical and non-technical contexts, articulate the importance of sustainable practices in engineering projects, manage interpersonal relationships across diverse professional environments, and lead or participate in sustainable engineering initiatives involving team or committee responsibilities	Assessment will be conducted through evaluations of written and oral communication tasks, project presentations, teamwork and leadership roles in engineering assignments or community projects, industrial training evaluations, and peer or supervisor feedback during sustainable engineering activities.

	legal, and environmental responsibilities.	**PI 6: Leadership & Responsibilities** Graduates have led or managed a team/committee/department of at least on other member (not including the graduate) in a related sustainable engineering project			
PEO 3 Demonstrate personal skills that emphasize flexibility and adaptability as well as lifelong learning and entrepreneurial mindset with ethics alongside professionalism for successful societal and career development.	▪ Provide solutions to electrical/electronic engineering problems. ▪ Engage directly in engineering business or technopreneurship. ▪ Responsible as leader and team member in diversified engineering practices such as design, planning, and servicing. ▪ Maintaining, managing system, and making modification. ▪ Continuing Education; master's degree, PhD. ▪ Involve in research activities. ▪ Participate in professional course/training/ certification relevant to their career development. Impart the knowledge and skills acquired through professional courses/training/certification.	**PI 7: Ethics** Graduates comply with all organisational/corporate/government policies/standards regulations or codes of conduct **PI 8: Lifelong Learning** Graduates have participated in self-improvement or skill-based programmes or contributed to the Continuous Professional Development (CPD) **PI 9: Entrepreneurial mindset** Graduates are equipped with the entrepreneurial characteristics related to the nature of their work	65%	At least 65% of the graduates should demonstrate compliance with relevant organizational, corporate, or governmental ethical policies and standards, actively engage in lifelong learning through professional or self-development programs, and exhibit entrepreneurial characteristics aligned with their professional roles and responsibilities	Assessment will be conducted through participation records in professional development or certification programs, reflective journals or reports on lifelong learning activities, evaluation of ethical behavior during industrial training or project work, as well as assessments of entrepreneurial initiatives through innovation projects, business proposals, or related coursework.