

ELECTRICAL & ELECTRONIC TECHNOLOGY PROFILES

TECHNOLOGY FIELDS	TECHNOLOGY PROFILES	EXPECTED TECHNOLOGY COMPETENCY
<p>ELECTRICAL & ELECTRONICS TECHNOLOGY</p>	<p>Development</p>	<ul style="list-style-type: none"> • Concept Generation and • Selection • Benchmarking • Drawing • Modelling • Proof of Concept (POC) • Prototyping • Technical Documentation
	<p>Manufacturing</p>	<ul style="list-style-type: none"> • Geometry, Dimensioning, • Tolerance • Fabricate
	<p>Testing</p>	<ul style="list-style-type: none"> • Test selection and planning (procedure) • Testing • Diagnostic and troubleshoot (Diagnostic more to system, troubleshoot more to focused component) • Verification
	<p>Commissioning</p>	<ul style="list-style-type: none"> • Commissioning Planning (Site) Handover planning/process (checklist)
	<p>Maintenance</p>	<ul style="list-style-type: none"> • Planned Maintenance schedule • Maintenance process (checklist) • Analysis & Improvement planning

Generic graduate attributes of students upon completion of programme

Domain	Graduate Technologist
	Bachelor Degree
PLO1 - Knowledge (Cognitive Domain)	Apply the knowledge of technology fundamental to broadly-defined procedures, processes, systems and methodologies in the field of study .
PLO2 - Practical Skills and High Technology (Psychomotor Domain)	Propose and employ current tools and techniques to resolve broadly-defined problems.
PLO3 – Analytical, Critical Thinking and Scientific Approach (Cognitive Domain)	Demonstrate deep investigative and significant thinking abilities to solve broadly defined problems in the field of study.
PLO4 - Communication Skills (Affective Domain)	Communicate effectively and flexibly in oral and written language for social, academic and professional purposes.
PLO5 – Social Responsibility in Society and Technologist Community (Affective Domain)	Illustrate the understanding of corresponding issues related to the society and the subsequent responsibilities to the broadly-defined technology practices
PLO6 - Lifelong Learning and Information Management (Affective Domain)	Acknowledge the requirement of professional establishment and to employ independent continuing learning in specialist technology
PLO7 - Techno-preneurship and Management Skills (Affective Domain)	Illustrate consciousness of management and techno-preneurship routine in real perspective.
PLO8 - Ethics and Professionalism (Affective Domain)	Illustrate ethical awareness and professionalism
PLO9 - Teamwork and Leadership (Affective Domain)	Illustrate leadership character, mentoring and work efficiently in diverse teams .