LIST OF PROGRAMME OUTCOMES (POs)

The list of 14 Programme Outcomes used in the Bachelor of Computer and Communication Systems Engineering Programme are as the following:

PO1 (Cognitive)	Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems
PO2 (Cognitive)	Identify, formulate, research literature and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences
PO3 (Cognitive)	Design solution for complex engineering problems and design systems, components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations
PO4 (Psychomotor)	Design and conduct experiment
PO5 (Cognitive)	Investigate complex problems using research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusions
PO6 (Psychomotor)	Create, select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling, to complex engineering activities, with an understanding of the limitations
PO7 (Affective)	Apply reasoning informed by contextual knowledge to access societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice
PO8 (Cognitive)	Understand the impact of professional engineering solutions in societal and environmental context and demonstrate knowledge of and need for sustainable development
PO9 (Affective)	Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice
PO10 (Affective)	Communicate effectively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective report and design documentation, make effective presentations, and give and receive clear instructions
PO11 (Affective)	Function effectively as an individual, and as a member or leader in diverse teams and in multi-disciplinary setting
PO12 (Cognitive)	Demonstrate knowledge and understand of engineering and management principles and apply these to one's own work, to manage projects and in multidisciplinary environments
PO13 (Affective)	Identify basics and opportunities in entrepreneurship related to engineering
PO14 (Affective)	Recognise the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change