جامعة صحار
Sohar University

Faculty of Engineering
Program Learning Outcomes

Diploma in Electrical & Computer Engineering

Program Learning Outcomes (PLOs): "What a student is expected to know, understand, and/or be able to demonstrate upon graduation"		**OQF Characteristics**
PLO1	Apply significant knowledge of engineering, science, and mathematics to solve Electrical and Computer Engineering problems	Knowledge
PLO2	Prepare solutions for well-defined tasks related to Electrical and Computer Engineering.	Skills
PLO3	Communicate appropriately on engineering activities with diverse audiences.	Communication Skills
PLO4	Utilize a broad range of numerical skills for solving Electrical and Computer Engineering problems.	Numeracy Skills
PLO5	Use a range of information and communication technology tools and techniques in the discipline of Electrical and Computer Engineering	Information Communication Technology Skills
PLO6	Practice significant levels of ethical principles and values in the fields of Electrical and Computer Engineering.	Employability and Values
PLO7	Develop leadership and team working skills to establish goals and meet objectives with accountability.	Autonomy and Responsibility
PLO8	Employ substantial entrepreneurial and employability skills in a work environment.	Employability and Values
PLO9	Identify the need for lifelong learning in the context of technological change related to Electrical and Computer Engineering.	Learning to Learn

Bachelor in Electrical & Computer Engineering

Program Learning Outcomes (PLOs): "What a student is expected to know, understand, and/or be able to demonstrate upon graduation"		**OQF Characteristics**
PLO1	Apply advanced knowledge of engineering, science, and mathematics for solving Electrical and Computer Engineering problems.	Knowledge
PLO2	Design specialized engineering system solutions for complex problems related to Electrical and Computer Engineering.	Skills
PLO3	Communicate effectively on complex engineering activities, with adaptation for appropriate audiences.	Communication Skills
PLO4	Utilize a wide range of numerical skills for solving complex Electrical and Computer Engineering problems.	Numeracy Skills
PLO5	Use a wide range of information and communication technology tools and techniques in the discipline of Electrical and Computer Engineering.	Information Communication Technology Skills
PLO6	Practice highly advanced levels of ethical principles and values in the fields of Electrical and Computer Engineering.	Employability and Values
PLO7	Develop advanced leadership and teamworking skills to establish goals and meet objectives with full accountability.	Autonomy and Responsibility
PLO8	Apply highly specialized entrepreneurial and employability skills suitable for the work environment.	Employability and Values
PLO9	Implement lifelong learning independently for integration of new knowledge using appropriate learning strategies.	Learning to Learn