Sohar University
جامعة صحار

Faculty of Engineering : Program Learning Outcomes (PLOs)
Name of the program: Diploma in Electrical and Computer Engineering

Characteristics	Program Learning Outcomes (PLOs)
Knowledge	PLO 1. Apply significant knowledge of engineering, science, and mathematics for solving Electrical and Computer Engineering problems.
Skills	PLO 2. Prepare solutions for well-defined tasks related to Electrical and Computer Engineering.
Communication Skills	PLO 3. Communicate appropriately on engineering activities, with diverse audiences.
Numeracy Skills	PLO 4. Utilize a broad range of numerical skills for solving Electrical and Computer Engineering problems.
Information Communication Technology Skills	PLO 5. Use a range of information and communication technology tools and techniques in the discipline of Electrical and Computer Engineering.
Ethical Awareness	PLO 6. Practice significant levels of ethical principles and values in the fields of Electrical and Computer Engineering.
Leadership and Teamwork	PLO 7. Develop Leadership and team working skills to establish goals and meet objectives with accountability.
Entrepreneurial Skills	PLO 8. Employ substantial entrepreneurial and employability skills in a work environment.
Lifelong learning skills	PLO 9. Identify the need for lifelong learning in the context of technological change related to Electrical and Computer Engineering.

Faculty of Engineering : Program Learning Outcomes (PLOs)

Name of the program: Bachelors in Electrical and Computer Engineering

Characteristics	Program Learning Outcomes (PLOs)
Knowledge	PLO 1. Apply advanced knowledge of engineering, science, and mathematics for solving Electrical and Computer Engineering problems.
Skills	PLO 2. Design specialised engineering system solutions for complex problems related to Electrical and Computer Engineering.
Communication Skills	PLO 3. Communicate effectively on complex engineering activities, with adaptation for appropriate audiences.
Numeracy Skills	PLO 4. Utilize a wide range of numerical skills for solving complex Electrical and Computer Engineering problems.
Information Communication Technology Skills	PLO 5. Use a wide range of information and communication technology tools and techniques in the discipline of Electrical and Computer Engineering.
Ethical Awareness	PLO 6. Practice highly advanced levels of ethical principles and values in the fields of Electrical and Computer Engineering.
Leadership and Teamwork	PLO 7. Develop advanced Leadership and teamworking skills to establish goals and meet objectives with full accountability.
Entrepreneurial Skills	PLO 8. Apply highly specialised entrepreneurial and employability skills suitable for work environment.
Lifelong learning skills	PLO 9. Implement lifelong learning independently for integration of new knowledge using appropriate learning strategies.