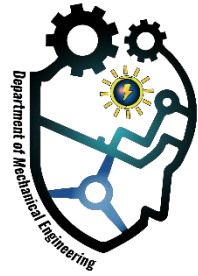




DEPARTMENT OF MECHANICAL ENGINEERING

FACULTY OF ENGINEERING & TECHNOLOGY
BAHAUDDIN ZAKARIYA UNIVERSITY, MULTAN



Program Learning Outcomes:

PLO 1(WA 1): ENGINEERING KNOWLEDGE

Ability to acquire and apply fundamental knowledge of mathematics, science and engineering principles to solve complex mechanical engineering problems.

PLO 2(WA 2): PROBLEM ANALYSIS

Ability to identify, formulate and analyze complex mechanical engineering problems.

PLO 3(WA 3): DESIGN

Ability to design solutions for complex mechanical engineering problems that fulfil health, safety, societal, cultural and environmental needs.

PLO 4(WA 4): INVESTIGATION

Ability to investigate complex mechanical engineering problems using research-based knowledge and methods to produce conclusive results.

PLO 5(WA 5): MODERN TOOLS

Ability to use modern engineering and information technology (IT) tools in complex mechanical engineering activities, with an understanding of the limitations;

PLO 6(WA 6): THE ENGINEER & SOCIETY

Ability to apply professional engineering practice related to societal, health, safety and cultural issues with full responsibility and integrity.

PLO 7(WA 7): ENVIRONMENT & SUSTAINABILITY

Ability to identify the impact of mechanical engineering solutions on sustainability and demonstrate the needs for sustainable development in societal and environmental contexts.

PLO 8(WA 8): ETHICS

Ability to apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.

PLO 9(WA 9): INDIVIDUAL & TEAM WORK

Ability to work productively as an individual, and as a member or leader in a team that may involve multidisciplinary settings;

PLO 10(WA 10): COMMUNICATION

Ability to communicate effectively on complex mechanical engineering activities both orally and in writing;

PLO 11(WA 11): PROJECT MANAGEMENT & FINANCE

Ability to demonstrate and apply knowledge on finance and management principles and acquire entrepreneurship skill.

PLO 12(WA 12): LIFE-LONG LEARNING

Ability to undertake life-long learning and manage information including conducting literature study.