

**PROGRAM EDUCATIONAL OBJECTIVES-
PROGRAM LEARNING OUTCOME
MAPPING TABLE FOR MECHANICAL ENGINEERING PROGRAM**

Program Outcome	Program Educational Objectives		
	PEO1	PEO2	PEO3
PLO 1 Apply knowledge of mathematics and science to solve mechanical engineering problems .	X		
PLO 2 Design and conduct experiments, as well as to analyze and interpret data .	X		
PLO 3 Design a system, component or process to meet desired needs within realistic constraints, in accordance with local and international standards .	X	X	
PLO 4 Function in multi-disciplinary and multi-cultural teams .	X	X	X
PLO 5 Identify, formulate and solve mechanical engineering problems .	X		
PLO 6 Understand professional and ethical responsibility .	X	X	X
PLO 7 Communicate effectively .	X	X	
PLO 8 Understand the impact of mechanical engineering solutions in a global, economic environmental, and societal context .	X	X	X
PLO 9 Recognize the need for, and engage in life-long learning.		X	X
PLO 10 Know contemporary issues .	X	X	X
PLO 11 Use techniques, skills and modern engineering tools necessary for Mechanical Engineering practice .	X	X	
PLO 12 Know and understand engineering and management principles as a member and leader of a team, and to manage projects in a multidisciplinary environment;	X	X	