



**PROGRAM LEARNING OUTCOME**

No	Description of Program Learning Outcome (PLO)	GP1	GP2	GP3
<b>PLO 1</b>	An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	✓		
<b>PLO 2</b>	An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	✓		
<b>PLO 3</b>	An ability to communicate effectively with a range of audiences.	✓	✓	✓
<b>PLO 4</b>	An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	✓	✓	✓
<b>PLO 5</b>	An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	✓		✓
<b>PLO 6</b>	An ability to develop and conduct appropriate experimentation, analyze, and interpret data, and use engineering judgment to draw conclusions.	✓	✓	
<b>PLO 7</b>	An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.		✓	