

PROGRAMME OUTCOMES (POS)

<i>Sl. No.</i>	<i>Graduate Attributes</i>	<i>PROGRAMME OUTCOMES</i>
<i>PO1</i>	<i>Founding a knowledge base</i>	<i>Laying a good foundation in mathematics, physics, civil engineering and design techniques for better tomorrow.</i>
<i>PO2</i>	<i>Clarity of thinking</i>	<i>Build a broad engineering core competence to enable students to negotiate practical problems systematically, to assess the ground situation to take decisions with confidence.</i>
<i>PO3</i>	<i>Problem analyzing and solution orientation</i>	<i>Identify engineering problems, evaluate and synthesize solution by using different techniques, skills of modern engineering tools necessary for engineering practice.</i>
<i>PO4</i>	<i>Research – Skill</i>	<i>Develop project-based learning process through design and implementation of a model to meet the need within realistic framework for conducting experiments.</i>
<i>PO5</i>	<i>Usage of Modern tools</i>	<i>Construct and test hypotheses about system behavior by simulation, designing and conducting engineering experiments, analyzing and interpreting data and information.</i>
<i>PO6</i>	<i>Multidisciplinary work</i>	<i>Ability to design a component, a system or a process to produce desired outputs to meet desired needs with a blend of skills in other engineering fields.</i>
<i>PO7</i>	<i>Project management</i>	<i>Developing practical skills through acquiring technical knowledge, implementing management principles, in a multi-disciplinary engineering field having realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.</i>
<i>PO8</i>	<i>Sustainable Learning</i>	<i>An understanding of contemporary issues and recognition of the need for the ability to engage in life-long learning in an engineering field.</i>
<i>PO9</i>	<i>Ethical Practices and social responsibility</i>	<i>Ability to understand the responsibility of taking professional decisions based on the ground realities of socio-economical issues.</i>
<i>PO10</i>	<i>Communication skills</i>	<i>Ability to effectively communicate engineering problems, possible solutions to the engineering fraternity through report writing skills, proper documentations, recordings, technical presentations.</i>

<i>PO11</i>	<i>Facing challenges</i>	<i>Ability to adapt emerging technologies towards realization of real-time solution.</i>
<i>PO12</i>	<i>Leadership and Team Management</i>	<i>Inculcate skills and confidence to assume positions of technical and/or managerial leadership in the career of the students.</i>