

PROGRAMME OUTCOMES (POS)

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

<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>