

**PROGRAMME OUTCOMES (POs):**

Graduates of the programme M. E. Construction Engineering and Management will be able to

<b>PO#</b>	<b>Graduate Attribute</b>	<b>Programme Outcome</b>
PO1	Engineering knowledge	Apply knowledge of mathematics, basic science and engineering science to conceptualize Construction Engineering and Management.
PO2	Problem analysis	Identify, formulate and solve problems in construction Engineering and Management.
PO3	Design/development of solutions	Design a technology or process to improve the performance of construction industry by satisfying its constraints.
PO4	Conduct investigations of complex problems	Conduct experiments & investigations, analyze and interpret the problems in construction industry through appropriate research methodologies and to provide valid conclusions.
PO5	Modern tool usage	Create, select and apply appropriate techniques and modern engineering tools including prediction and modelling software, with due understanding of the limitations.
PO6	The Engineer and society	Understanding of the societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to construction engineering and management
PO7	Environment and sustainability	Understand the socio economic impact of Construction Engineering solutions and demonstrate knowledge of sustainable development
PO8	Ethics	Interact in industry, business and society in a professional and ethical manner.
PO9	Individual and team work	Function effectively as an individual and as a member or leader in diverse teams and in multi-disciplinary settings and demonstrating a capacity for self-management and teamwork, decision-making based on open-mindedness, objectivity and rational analysis.
PO10	Communication	Communicate effectively on construction Engineering and management issues with the engineering community and write reports and make effective presentations.
PO11	Project management and finance	Demonstrate a knowledge and understanding of construction project management and business practices, such as risk and change management, and understand their limitations
PO12	Life-long learning	Continue professional development and learning as a life-long activity by addressing construction engineering and management issues and learning from corrective and preventive measures.