The Programme Educational Objectives (PEOs) of the ME (Structural Engineering) Programme are:-

**PEO1:** To produce Structural Engineers with competence in planning, analysis, design and execution of diverse projects with due consideration to global issues concerning society and environment.

**PEO2:** To produce Structural Engineers who can appreciate the interactions between engineering, technology and business in the fast changing environment with the drive for life long learning, research and continuous self development.

**PEO3:** To produce Structural Engineers who can communicate effectively, act with integrity and professional ethics and to have interpersonal skills needed to lead and nurture diverse teams.

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**ME STRUCTURAL ENGINEERING**

**PROGRAMME OUTCOME FOR REGULATION: 2015**

The Programme Outcomes (POs) of the ME (Structural Engineering) Programme are:-

a) An ability to acquire in depth knowledge of analysis, design concepts and apply the same to solve complex structural engineering problems.

b) An ability to use modern engineering tools to analyze critically, design, conduct experiments and interpret investigations to solve structural engineering problems.

c) An ability to identify, formulate, demonstrate research through relevant literature survey and solve structural engineering problems reaching substantiated conclusions.

d) An ability to communicate and function effectively as an individual and as a team, within multi disciplinary environment in executing and managing projects, related to structural engineering.

e) An ability to practice ethical and professional responsibilities and to engage in life long learning to adapt oneself to the changing needs of the society.
The Programme Outcomes (POs) of the ME (Structural Engineering) Programme are:-

**PO 1:** An ability to independently carry out research / investigation and development work to solve practical problems.

**PO 2:** An ability to write and present a substantial technical report/document.

**PO 3:** Students should be able to demonstrate a degree of mastery over the area as per the specialization of the programme. The mastery should be at a level higher than the requirements in the appropriate bachelor program.

**PO 4:** An ability to use modern engineering tools, software and equipment to analyze critically, design, conduct experiments and interpret investigations to solve structural engineering problems.

**PO 5:** An ability to communicate and function effectively as an individual and as a team, within multi-disciplinary environment in executing and managing projects.

**PO 6:** An ability to practice ethics, discharge professional responsibilities, to engage in life long learning to adapt oneself to the changing needs of the society and critically assess the relevant technological issues.