The Programme Educational Objectives (PEOs) for the ME (Infrastructure Engineering) Program are:-

**PEO1:-** To produce Civil Infrastructure Engineers with competence in planning, analysis, design and execution of diverse civil engineering projects with due consideration to global requirements, problems, issues concerning society and environment.

**PEO2:-** To produce Civil Infrastructure 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 Civil Infrastructure Engineers who can communicate effectively, act with integrity and professional ethics and to have interpersonal skills needed to lead and nurture diverse teams.

**ME INFRASTRUCTURE ENGINEERING REGULATION 2015**

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

a) An ability to acquire in depth knowledge of analysis, design concepts and apply the same to analyse civil infrastructure engineering problems and to design infrastructure system, component, or process to meet desire needs within realistic constraints such as economic, environmental, social, political, ethical, health, safety and sustainability.

b) An ability to use the techniques, skills and modern engineering tools to analyze critically, design, conduct experiments and interpret investigations to solve civil infrastructure engineering problems.

c) An ability to identify, formulate, demonstrate research through relevant literature survey and to solve civil infrastructure engineering problems (being) faced in the field and achieving (reaching) substantiated solutions for them.

d) An ability to communicate and function effectively as an individual and function as a responsible member in the multi-disciplinary teams, in carrying
out the civil infrastructure engineering practices, executing and managing civil infrastructure projects.

e) An ability to practice ethical and professional responsibilities and to engage in lifelong learning to gain knowledge of contemporary issues and adapt oneself to the changing needs of the society.

**ME INFRASTRUCTURE ENGINEERING REGULATION 2018**

The Programme Outcomes (POs) of the ME (Infrastructure 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 the techniques, skills and modern engineering tools to analyze critically, carry out safe and economical design, conduct experiments and interpret investigations to solve civil infrastructure engineering problems.

**PO 5**: An ability to practice ethics and discharge professional responsibilities and to engage in life-long learning to gain knowledge of contemporary issues, competencies and adapt to the changing needs of the society.

**PO 6**: Knowledge on impact of infrastructure projects on environment, able to respond effectively to mitigate such impacts within realistic constraints such an economic, environmental, social, ethical, health, safety and make the projects sustainable.