



Vision & Mission of the Institute



VISION

To achieve excellent standards of quality education by keeping pace with rapidly changing technologies. To create technical manpower of global standards with capabilities of accepting new challenges.

MISSION

Our efforts will be dedicated to impart quality and value based education to raise satisfaction level of all stake-holders. Our strength will be directed to create competent professionals. Our endeavour will be to provide all possible support to promote research and development activities.

VISION AND MISSION OF DEPARTMENT OF CIVIL ENGINEERING

VISION

- To achieve excellent standards of quality education by keeping pace with rapidly changing technologies.
- To create technical manpower of global standards in civil engineering with capabilities of accepting new challenges.

MISSION

- To impart quality education in civil engineering to raise satisfaction level of all stake holders.
- To serve society and the nation by providing professional civil engineering leadership to find solution to community, regional and global problems and accept new challenges in rapidly changing technology.
- To create competent professionals who are trained in the design, and development of civil engineering systems and contribute towards research & development activities.

DEPARTMENT OF CIVIL ENGINEERING

Programme Educational Objectives (PEOs) :

The educational objectives of the civil engineering program are designed to produce skilled engineers who are ready to contribute effectively to the civil engineering profession and are ready to handle the challenges of the profession. The civil engineering department is committed to produce civil engineers who:

1. Shall apply fundamental technical knowledge and skills to find creative solutions to technological challenges and problems in various areas of basic sciences and engineering.
2. Shall be able to analyze, design and use skills in order to formulate and solve civil engineering problems.
3. Shall be able to practice civil engineering in a responsible, professional and ethical manner and implement eco- friendly sustainable technologies for the benefit of industry and society.
4. To take up higher education & to engage in research and development in civil engineering and allied areas of science and technology.

Programme Outcomes (POs):

The programme is targeted at developing the following competencies, skills and abilities amongst students. They shall be able to:

1. Apply knowledge of mathematics, basic science, generic engineering skills and core civil engineering to the defined and applied engineering structures.
2. Identify, formulate and analyse in reaching substantiated solutions using analytical tools.
3. Conduct investigations of problems, locate, search and select relevant data from datasheets and literature to provide valid conclusions.
4. Design civil engineering structures, component or process to meet desired needs with appropriate consideration for the public health and safety, cultural, societal, sustainability and environmental considerations.
5. Use the current trends & techniques in civil engineering, skills, and modern engineering tools necessary for professional engineering practice.
6. Understand professional and ethical responsibility concerning legal, contemporary, environmental & cultural issues and consequent responsibilities relevant to the professional engineering practices and norms of civil engineering practice code and the ASCE codes of ethics.
7. Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary environment.
8. Communicate effectively with engineering community, with society at large, such as being able to comprehend and write effective reports, prepare documentation, make effective presentations, give and receive clear instructions.
9. Function as a member of multi-disciplinary teams and to understand engineering management principles & finance to manage projects under multicultural environments.
10. Recognize the need for and to engage in life-long learning in civil engineering and allied domains as relevant to rapidly changing technology.