

■ PROGRAM EDUCATIONAL OBJECTIVES

PEO 1: To prepare students to excel in industrial / graduate work in Civil Engineering & allied fields and postgraduate programs to succeed in field / technical profession through global, rigorous education.

PEO 2: To provide students with a solid foundation in mathematical, scientific and engineering fundamentals to solve engineering problems and also to pursue higher studies.

PEO 3: To train students with good scientific and engineering breadth so as to comprehend, analyze, design and create novel products and solutions for the real life problems.

PEO 4: To inculcate in students professional and ethical attitude, effective communication skills, teamwork skills, multidisciplinary approach and an ability to relate civil engineering issues to broader social context.

PEO 5: To provide students with an academic environment aware of excellence, leadership, written ethical codes and guidelines, and the lifelong learning needed for a successful professional career.

■ PROGRAM OUTCOMES (POs)

An engineering program defines a set of specific program outcomes that relate to its educational objectives, including the items a-k listed below. We regularly review the courses in our curriculum to make sure that all these items are covered, and try to measure whether our students are successfully attaining the following goals:

- a. An ability to apply basic knowledge of mathematics, physics, chemistry and mechanics in civil engineering.
- b. An ability to design mix and conduct experiments, on material & soil, interpret and analyze data, and report results.
- c. An ability to design structure that meets desired specifications and requirements.
- d. An ability to visualize on laboratory of and Civil Engineering & multidisciplinary tasks.
- e. An ability to identify, formulate and solve civil engineering problems.
- f. An understanding of their professional and ethical responsibilities.
- g. An ability to communicate effectively in both verbal & written forms & also through drawing.
- h. The confidence to apply engineering solutions in global and social, nature & ecology.
- i. Capable of self-education and clearly understand the value of life-long learning.
- j. Broadly educated and will have understanding of the impact of civil engineering on society and demonstrate awareness of contemporary issues.
- k. Familiar with modern engineering software tools and equipment to analyze civil engineering problems.

Mapping of PEO'S with Outcomes

Program Educational Objectives	Program Outcomes										
	a	b	c	d	e	f	g	h	i	j	k
PEO 1	√	√									√
PEO 2	√	√	√	√		√					√
PEO 3		√	√	√	√						
PEO 4				√			√	√	√		
PEO 5								√	√		



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