

Mapping of PEO with PO

Programme Educational Objectives (PEO)

The program educational objectives (PEO) of the civil engineering program are that its graduates could demonstrate the following essential components of a successful engineer and/or consultant within two to four years after the graduation.

1. To train the students so that they can work and contribute to the infrastructure development projects being undertaken by Govt. and private or any other sector companies.
2. To train students in such a way that they can pursue higher studies so that they can contribute to the teaching profession/ research and development of civil engineering and other allied fields.
3. To train students in a manner that they should function effectively in the multicultural and multidisciplinary groups for the sustainable development and growth of civil engineering projects and profession.

Program Outcomes (PO) and their mapping with identified PEOs

Program outcome (PO)		PEOs that are attained through concerned PO
a	An ability to apply knowledge of mathematics, science, and engineering to problem solving.	1
b	An ability to design and conduct experiments, as well as to analyze and interpret data.	1, 2
c	An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability and sustainability.	1, 2, 3
d	An ability to function on multidisciplinary teams.	3
e	An ability to identify, formulates, and solves engineering problems.	2
f	An understanding of professional and ethical responsibility.	3
g	An ability to communicate effectively.	3
h	The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.	1, 3
i	Recognition of the need for, and an ability to engage in life-long learning.	2, 3
j	Knowledge of contemporary issues.	3
k	An ability to use the techniques, skills and modern engineering tools necessary for engineering practice.	2, 3
l	An ability to work for the infrastructural development, to pursue teaching, research & development activities and to work effectively in a group.	1, 3