

An Initiative by "The Last Centre"

**ECHELON**  
TRANSFORMING THE ENGINEERING EDUCATION

# Department of Civil Engineering



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TRANSFORMING THE ENGINEERING EDUCATION



## Some of Our Industrial Associates



## Course

Department offers a four-year **Bachelor of Technology** (B.Tech) programme in Civil Engineering. The above program is approved by AICTE, Ministry of HRD, Govt. of India and affiliated to YMCA University of Science & Technology, Faridabad.

## Introduction

One of the primary engineering departments of the Echelon Institute of Technology, the Department of Civil Engineering actively promotes curriculum development activity by updating existing courses, developing new courses and preparing resource material for teaching. The Department has a number of ongoing research projects. It organizes seminars/symposia for professional interaction. The Department contributes to the interdisciplinary academic and research activity of the Institute.



To create high-quality civil engineers who can uplift the quality of life by providing a sustainable environment to the society through the creation of excellent infrastructure and public health facilities and adapt quickly to the rapid technological changes without sacrificing their ethical and moral values.

## Programme Education Objectives (PEOs)

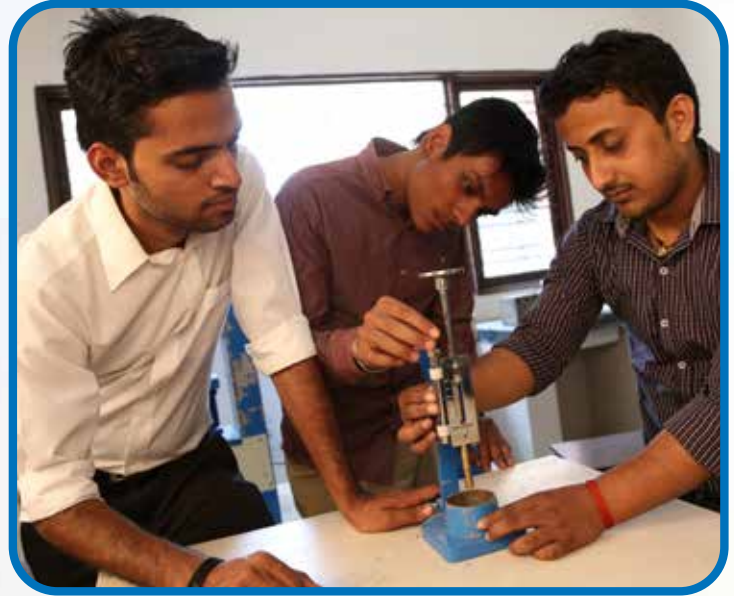
- Graduates will be prepared with a solid foundation in mathematics, sciences, and technical skills needed to analyze and design civil infrastructure systems.
- Graduates will possess strong written and oral communication skills.
- Graduates will be familiar with current and emerging civil engineering and global issues, and have an understanding of ethical and societal responsibilities.
- Graduates will have the ability to obtain professional licensure, and will recognize the need for engaging in life-long learning.
- Graduates will have the necessary qualifications for employment in civil engineering and related professions, for entry into advanced studies, and for assuming eventual leadership roles in their profession.



## LABS:

To provide experiential teaching & learning environment to the students we provide high quality modern civil engineering laboratories. Department is equipped with all civil engineering laboratories such as surveying lab, Concrete lab, Transportation lab, Soil Mechanics lab, Geo-technology lab, Structural Analysis Lab, Engineering Geology Lab and Environmental engineering lab which enable the students to correlate their theoretical knowledge with practical experience.





### TEACHING METHODOLOGY:

The faculty of the department continues to strive loftier by exploring new frontiers of knowledge, imparting the latest technical knowledge to the students and conducting high quality of research. The department ensures their lifelong learning through effective counseling and helps them to achieve their career goals by appropriate guidance from qualified faculty members and mentors.

