

DEPARTMENT OF CIVIL ENGINEERING

JUNE 2017-JUNE 2018



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DEPARTMENT OF CIVIL ENGINEERING

The department of Civil Engineering came into existence in the year 2011. Being the youngest department of institute, it has grown tremendously over the years and is now recognized as one of the major engineering department in terms of quality education with an inclination towards innovation. The department has produced Civil Engineering professionals with sound technical knowledge, desire for higher studies, research and with above all, sense of serving the society.

The Department has developed strong links with professional institutions, construction industries and academicians of premier institutes in the country. Besides adopting high quality teaching learning process at Under Graduate level, the department is also involved in consultancy services and exploring innovative projects catering to the need of the hour.

Vision & Mission

To become a department, that produces technically competent and innovation oriented Civil Engineering Professionals having social cognizance

Mission

In order to realize the vision, the Department of Civil Engineering has resorted to focusing on attitude, knowledge and skill development, through:

M-1 Orienting lectures and practical sessions to develop complete understanding of analysis, design and constructional aspects of Civil Engineering works.

M-2 Creating an educational environment in which the students could imbibe confidence to handle successfully major projects and bottlenecks in course of civil construction works.

M-3 Providing platform for dissemination of innovative ideas, knowledge and experience of civil engineering professionals through seminar and field training

M-4 Generating awareness & ability among the students to plan and implement a self - sustaining project without causing any threat to safety, health & environment

LABORATORY FACILITIES

Transportation Engineering Laboratories

- Aggregate Impact Testing Machine
- Aggregate Crushing Testing Machine
- Los Angles Abrasion Testing Machine
- Ring And Ball Apparatus With Thermometer
- Flash and fire point test apparatus
- Elongation and Flakiness Index
- Stripping value of bitumen

- Ductility of bitumen
- Penetrometer

Geotechnical Engineering Laboratories

- Cassagrande's Apparatus
- Proctor Mould Test (Light)
- Relative Density Test Apparatus
- Direct Shear Test Apparatus
- Auger Boring
- Permeability Test Apparatus

Surveying and Geo-informatics Laboratories

- Total Station
- Dumpy Level
- Auto Level
- Theodolite
- Prismatic Compass With Stand
- Distometer

Environment Engineering Laboratories

- Water Testing Kit
- Turbidity Meter Digital
- PH Meter
- TDS Meter Digital
- BOD Incubator
- COD Digestion

Structure Analysis Laboratories

- Curved Member Apparatus
- Three Hinged and Two Hinged Arch Apparatus
- Column and Strut Apparatus
- Elastic Properties of Deflected Beam Apparatus
- Unsymmetrical Apparatus

Computational Laboratories

- Computer Systems With Auto-CAD Installed

Construction Material Testing Laboratories

- Vicat Apparatus IS: 5513-1976
- Le-Chatelier Test Apparatus

- Other Material Testing Apparatus

Fluid Mechanics & Hydraulic Machines Laboratory

- Impact of Jet Apparatus
- Orifice and mouthpiece Apparatus
- Orificemeter and Venturimeter Apparatus
- Reynolds number apparatus
- Bendmeter Apparatus
- Electrical Analogy Method Apparatus
- Pitot tube Apparatus
- Boundary Layer Apparatus
- Metacentric Height Apparatus
- Sudden Enlargement and Contraction & Pipe Friction Apparatus
- Tilting Plume Apparatus
- Pelton Turbine
- Francis Turbine
- Kaplan Turbine

7 April 2018

Survey Camp near Exposition Mart

Survey camp was organized to the students so that the students can understand the basic knowledge of different surveying techniques and to compute and manipulate the observed data in the required accuracy and present it in diagrammatic and tabular form.



14-16 February 2018

Anveshana - Science & Engineering fair

Anveshana 2018 Science & Engineering fair on 14th - 16th Feb, 2018 Students were participated in two days event of Science and Engineering Fair and presented the model on Pervious Concrete.



19 Aug 2017

Industrial Visit to Amrapali Group Pvt. Ltd

Amrapali Group Pvt. Ltd., La Residential (Construction of multistory building at Sector-2, Noida) scheduled on 19th August, 2017. This visit introduces students to the building and construction industry. Nature of multistory, multi-occupancy residential construction, industrial, enables students to apply and demonstrate their learning in the topic area.



29 Jul 2017

Industrial visit to Ashoka Buildcon Ltd

Ashoka Buildcon Ltd, Construction of national highway at Sirsa (6 km away from Pari Chauk) scheduled on 29th July, 2017. The topics collected in this visit will help students to understand much of the construction parameters of highways. Student will learn about different aspects of highway construction, design, and planning.



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