

Schedule & Session Details

Time	13 th March, 2019 (Wednesday)	14 th March, 2019 (Thursday)	15 th March, 2019 (Friday)
08:30 am – 10:00 am	Inauguration of Workshop & Introduction of STAAD.Pro	Modelling of RCC Structure	Modelling of Industrial Structure
10:00 am – 10:15 am	<i>High Tea</i>	<i>High Tea</i>	<i>High Tea</i>
10:15 am – 11:45 am	Analysis of Beams	Application of Loads and Analysis	Application of Loads and Analysis
11:45 am – 12:30 pm	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>
12:30 pm – 02:00 pm	Design of Beams	Design of RCC Structure	Design of Industrial Structure
02:00 pm – 02:15 pm	<i>High Tea</i>	<i>High Tea</i>	<i>High Tea</i>
02:15 pm – 03:45 pm	Analysis and Design of Frames	Design of Foundation	Valedictory Function

Interested participants are requested to fill up the Application Form on the mentioned google form link: <https://goo.gl/BrbP6E>

Registrations are limited to 40 participants only and on first-come-first basis. Participants will be provided with relevant Course Material & Certificate. Lunch and High Tea are included in the registration fees. Campus accommodation can be provided at subsidized rates upon request.

Fees	Participant Category
Rs. 800/-	ISTE Members
Rs. 1200/-	Non-ISTE Members

Last Date for Registration:
11th March, 2019.

For payment of the fees, kindly
contact on below given

PATRONS

Dr. Nagesh Bhandari
(President, Indus University)

Mrs. Ritu Bhandari
(Associate President, Indus University)

Dr. M. Muruganant
(Executive President, Indus University)

ADVISORY COMMITTEE

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3-days hands-on Workshop on Analysis & Design of Structures using STAAD.Pro Software

13th - 15th March, 2019

Under the Aegis of



Department of Civil Engineering

Indus Institute of Technology & Engineering
Indus University Campus, Rancharda
Ahmedabad - 382115.

Website: www.indusuni.ac.in

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STAAD.Pro Software

STAAD.Pro is a Structural Analysis and Design Program originally developed by Research Engineers International at Yorba Linda, CA in 1997. In late 2005, Research Engineers was bought by Bentley Systems. Today, STAAD.Pro is one of the most widely used software for developing and analyzing the designs of various structures, such as Residential and Commercial Structures, Industrial Buildings, Petrochemical Plants, Tunnels, Bridges, Metro Stations, Water and Wastewater Treatment Plants, etc. It supports over 90 International steel, concrete, timber & aluminium design codes. The latest version of the software is STAAD.Pro V8i.

Who should attend the Workshop?

The Students studying in B.E. / B.Tech. Civil Engineering, M.Tech. or Ph.D. & Research Scholars, who are willing to pursue their career in the promising field of Structural Engineering must learn STAAD.Pro. The knowledge of software would be very much helpful for Academicians doing research in the field of Structural Engineering. Professionals working in Structural Design firms and consultancies need to have a strong command on the software. The workshop aims to impart fundamental knowledge of STAAD.Pro to the participants through hands-on practice sessions. The outline of the topics to be covered in the workshop are overleaf.

Indus University

Indus University (UGC Approved) is one of the leading universities in Gujarat. Indus offers undergraduate and postgraduate degrees and research programs. These are well supported by 200 plus faculties from various disciplines. Indus has state-of-the-art infrastructure and resources to support learning, teaching, research and innovation.

Department of Civil Engineering

Department of civil engineering was established in 2012, under Indus Institute of Technology & Engineering, a constituent of Indus University. Faculty members are engaged in teaching and research in almost all major domains of Civil Engineering like Structures, Geo-Tech, Environment, Water, Transport, Construction Management and Urban Town Planning.

ACES

Association of Civil Engineering Students (ACES) was established in August, 2013. It's a platform for students to enhance their skills in varied areas which include Academic, Cultural, Sports, Social Awareness events and many more.

Load & Definition

- Definitions
- Load Cases Details
 - 1: DEAD LOAD
 - 2: LIVE LOAD
 - 3: WIND LOAD
 - 4: SNOW LOAD
- Load Envelopes

Buttons: New..., Add..., Edit..., Delete...

Toggle Load

Assignment Method

- Assign To Selected Entities
- Use Cursor To Assign
- Assign To View
- Assign To Edit List

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Buttons: Assign, Close, Help