



Department of Civil Engineering
Jaypee University of Information Technology,
Waknaghat (H P) - 173234

Two Days Online Workshop on Advanced STAAD Modelling

Date of Event: June 21–22, 2022

Organizers: Civil Engineering Department, JUIT and HP Public Works Department

A two-day Hands-on STAAD Pro training workshop was organized at Jaypee University of Information Technology, Waknaghat, Solan, Himachal Pradesh on June 21–22, 2022. The workshop was organized in an online mode with an objective to impart specific structural design and analysis skills to the participants.

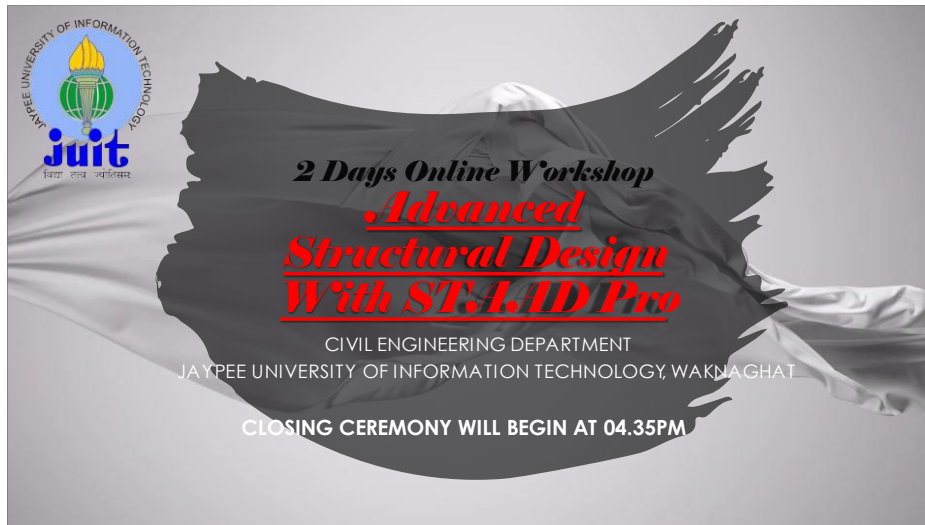
The two days online workshop titled Advanced STAAD Modelling was organized by the Department of Civil Engineering in collaboration with Himachal Pradesh Public Works Department. The workshop specifically focused on the design issues being faced by the practicing engineers at HPPWD.

The workshop was organized under the aegis of Civil Engineering Department of JUIT, Waknaghat. The Program Convener, Dr. Tanmay Gupta, Assistant Professor (Senior Grade), under the leadership of Prof. Ashish Kumar, Head of the Department, Civil Engineering conducted the technical sessions. The workshop received exclusive participation from the Assistant and Junior Engineers of HPPWD. Various technical issues related to the design and analyses of complicated structural components, along with the latest codal provisions, were discussed during the workshop.

The participants appreciated the efforts put in by the organizing committee and the workshop has been a success. The closing was chaired by Prof. Ashok Kumar, Dean Academics and Research, JUIT Waknaghat, and the vote of thanks was delivered by Prof. Ashish Kumar, Head, Civil Engineering, JUIT Waknaghat.

Event Schedule

Day One (21-06-2022)		
09:30- 09:45 AM	Prof. Ashish Kumar	<ul style="list-style-type: none"> Inaugural Lecture
High Tea		
10:00- 12:30 PM	Dr. Tanmay Gupta Dr. Arnav Anuj Kasar	<ul style="list-style-type: none"> Codal provisions for earthquake resistant design from IS 1893:2016 Codal provisions for ductile detailing from 13920:2016
Lunch		
02:00- 03:15 PM	Dr. Tanmay Gupta Dr. Arnav Anuj Kasar	<ul style="list-style-type: none"> Hands on session on STAAD Pro for regular RCC buildings
High Tea		
03.30-05.00 PM	Dr. Tanmay Gupta Dr. Arnav Anuj Kasar	<ul style="list-style-type: none"> Hands on session on STAAD Pro for RCC buildings with Structural wall
Day Two (22-06-2022)		
09:00- 10:30 AM	Dr. Tanmay Gupta Dr. Arnav Anuj Kasar	<ul style="list-style-type: none"> Single, Double and Triple strut models for Unreinforced masonry walls
High Tea		
10:45- 12:30 PM	Dr. Tanmay Gupta Dr. Arnav Anuj Kasar	<ul style="list-style-type: none"> Hands on session on STAAD Pro for strut models
Lunch		
02:00- 04:15 PM	Dr. Tanmay Gupta Dr. Arnav Anuj Kasar	<ul style="list-style-type: none"> Hands on session on STAAD Pro for design of RCC beam column joints
High Tea		
04:30-04.45 PM	Dr. Tanmay Gupta Dr. Arnav Anuj Kasar	<ul style="list-style-type: none"> Feedback Session
04:45-05:00 PM	Prof. Ashish Kumar	<ul style="list-style-type: none"> Closing Ceremony



Organizers

- **Patron:** Prof. (Dr.) Rajendra Kumar Sharma (Vice Chancellor, JUIT Waknaghat)
- **Program Chair:** Prof. (Dr.) Ashok Kumar Gupta (Dean Academics & Research)
Prof. (Dr.) Ashish Kumar (HOD, Civil Engg. Department)
- **Program Convener:** Dr. Tanmay Gupta (Assistant Professor, CivilEngg. Department)
- Dr. Arnav Anuj Kasar (Assistant Professor, CivilEngg. Department)

Session details

- Day 1, Pre-Lunch Session: Earthquake Resistant Design of RCC buildings with latest Codal Provisions.
- Day 1, Post-Lunch Session: Hands on Training EQ 26 building Modelling with various techniques in STAAD Pro.
- Day 2, Pre-Lunch Session: Hands on Training Structural wall modelling in STAAD Pro.
- Day 2, Post-Lunch Session: Hands on Training on Strut modelling of Walls in STAAD Pro.