Program Overview

Architects are popularly more conversant with drafting and 3D modelling softwares. However, majority are not exposed to structural analysis softwares like STAAD Pro. This course shall provide hands-on-training on the usage of STAAD Pro software for structural analysis in simple beam, 2D and 3D framed structures; while, relating it to concepts of Structural Engineering. This course is custom designed to suit Architects and introduces structural analysis and concepts through easy to understand, step-by-step demonstrations and interesting Assignments. Greater understanding of Structural Engineering concepts and Analysis tools shall aid in enriching oneself in academia and profession and give another dimension of expertise to Architects.

Course Outline

Special Lectures/ demonstration on:

- ✓ Structure in Architecture
- ✓ Structure for Dummies
- ✓ Beam Analysis in STAAD Pro
- ✓ 2D Frame Design in STAAD Pro
- ✓ Modelling of 3D Structure in STAAD Pro
- ✓ Shortcut and Tricks in STAAD Pro
- ✓ Modelling of Complex structures

Hands on Workshop on: Demonstration of Structural Design of a Live Project

*NOTE:

- ✓ Link shall be provided to download 15-day **Free** trail of STAAD Pro.
- ✓ E-Certificate shall be provided after successful completion of Course.

Department of Architecture & Regional Planning

Contact Us

Principal Coordinators:
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Program Fee

Faculty and Professionals:

Rs. 1500/-

Students and Research Scholars:

Rs. 750/-

(*Including GST)

Program Schedule

3-Days Online Course

22-24 Oct. 2021

(10am - 4pm)

Last Day of Registration

20th

October 2021

Who will benefit (Eligibility)

Faculty of Architecture (School of Architecture and Poly-techniques), personnel from Government Institutions, Industry, and Research Organizations, Practicing Architects, Third, Fourth and Fifth year students of B.Arch, Post Graduate Students and Research Scholars from Architecture and Planning.

How to Apply: Use the link:
https://erp.iitkgp.ac.in/CEP/courses.htm to apply ONLINE.

Signup → Login → Profile Fillup → Choose a Program → Apply Now

Department of Architecture and Regional Planning
Indian Institute of Technology Kharagpur

Online Short Term Course on

STAAD Pro for Architects

3-DAYS
22-24 Oct. 2021