

Value Added Course

Course Details:

Name of the Course: -Staad Pro

Course Code – CE02

Course Offered to – B.Tech (CE)

Course Duration – 36Hrs

Course Coordinator: - Mr. Ankit Kumar

COURSE OBJECTIVE:

STAAD stands for **Structural Analysis and Design**. It is used for 3D model generation, analysis and multi-material design. The **course objective** is to train the students in **Structural Modeling, Designing and Analysis, Integrated Design and Finite Element Analysis**.

COURSE OUTCOMES:


CO Number	CO Statement
CO1	Student will be able to complete object-oriented instinctive 2D/3D graphic model generation.
CO2	Student will learn to use pull-down menus, tool-tip help, and floating toolbars.
CO3	Student will know to make isometric & perspective views and 3D shapes.
CO4	Student will know the use of simple command language and built-in command file editor.
CO5	Student will learn how to generate graphics/text input.

OVERVIEW:

STAAD.Pro is one of the most widely used structural analysis and design software products worldwide. STAAD can be used for analysis and design of all types of structural projects from plants, buildings, and bridges to towers, tunnels, metro stations, water/wastewater treatment plants and more.

Course Outline:

- Introduction to **STAAD.Pro**.
- Geometry creation.
- Constants, Supports, and Specifications.
- Seismology.
- Member truss.
- Water tank analysis.
- Foundation design.
- Concrete Design.


Head
Department of Civil Engineering
Invertis University
Bareilly-243123, UP


Dean
Faculty of Engineering & Technology
Invertis University
Bareilly-243123, UP


Registrar
Invertis University
Bareilly

Department of Civil Engineering

CIRCULAR

05 Aug 2021

VALUE ADDED COURSE (Stadd Pro)

Student of B.Tech (CE) IVth year are hereby informed that value added course "Stadd Pro" is scheduled from 1 September 2021 in your respective classroom, Academic Block-II.

Schedule:

- Time Slot: 03:00 PM to 05:00 PM
- Key Speaker: Mr. Ankit Kumar
- Duration: 2 hrs

Program Overview:

STAAD is the abbreviation for Structural Analysis and Design. STAAD. Pro is one of the popular software that is used for analysing & designing structures like -- buildings, towers, bridges, industrial, transportation and utility structures.



Dean
Faculty of Engineering & Technology
Invertis University
Bareilly-243123, UP



Mr. Arvind Kumar

(HOD)

Head

Department of Civil Engineering
Invertis University
Bareilly-243123, UP



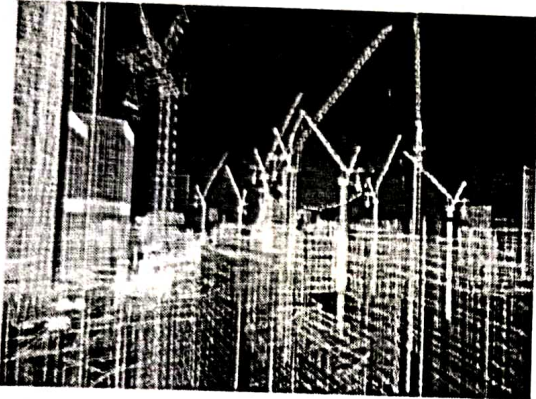
Registrar
Invertis University
Bareilly

STADD PRO

INVERTIS
UNIVERSITY BAREILLY

Organized by:-

Department of Civil Engineering



Program: - B.TECH(CE-VIII)

03:00 PM TO 05:00 PM

SEPT 01 - SEPT 23 2021

HOD :

Mr. Arvind Kumar

Head
Department of Civil Engineering
Invertis University
Bareilly-243123, UP

Key Speaker :

Mr. Ankit Kumar

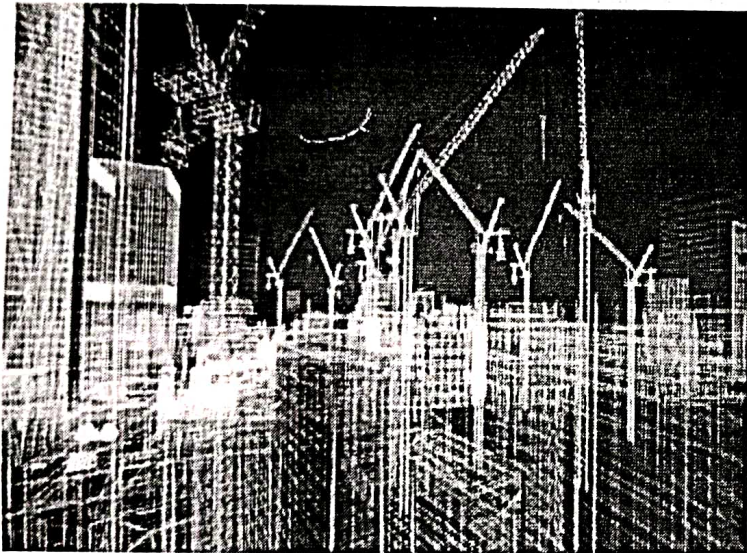
Dean
Faculty of Engineering & Technology
Invertis University
Bareilly-243123, UP

Registrar
Invertis University
Bareilly

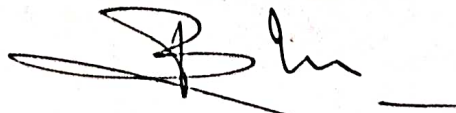
STADD PRO

Course Overview:

STAAD is the abbreviation for Structural Analysis and Design. STAAD. Pro is one of the popular software that is used for analysing & designing structures like – buildings, towers, bridges, industrial, transportation and utility structures.



Head
Department of Civil Engineering
Invertis University
Bareilly-243123, UP



Dean
Faculty of Engineering & Technology
Invertis University
Bareilly-243123, UP


Registrar
Invertis University
Bareilly