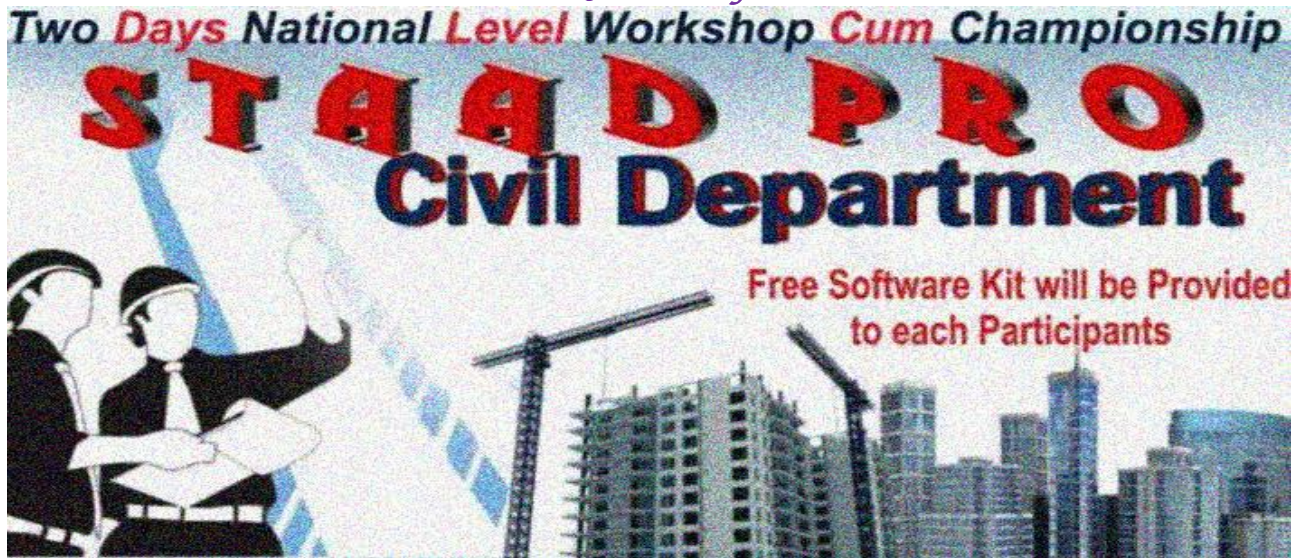


Civil Engineering Department

Two days National Level Workshop cum Championship on “STAAD PRO”

2nd & 3rd February 2015.



CHIEF-PATRON
Dr. Dinesh R. Shah

PATRON
Dr. Navin C. Shah

CONVENOR
Mr. Kamlesh N. Gandhi

ORGANIZING SECRETARY
Anuj Chandiwala

DATE: 2nd February, 2015, Monday

TIME: 9:40 am to 10:20 am

VENUE: J.D. Hall

SCHEDULE

Tea-Breakfast

09:30 AM

Day-1

UTU Song (J.D. Hall)

09:45 AM

Inauguration of Work shop & Welcome speech by Dr. D.R. Shah (Provost), Dr. N.C. Shah (Director, CGPIT) & K.N. Gandhi (HOD, Civil) (J.D. Hall)

09:50 AM

Commencement of session-1 (D-004)

10:20 AM

Lunch

01:30 PM

Commencement of session-2 (D-004)

02:00 PM

Tea-Breakfast

04:45 PM

Day-2

Tea-Breakfast

09:30 AM

Commencement of session-1 (D-004)

09:40 AM

Lunch

01:00 PM

Commencement of session-2 (D-004)

01:30 PM

Championship

03:00 PM

Certificate distribution

04:00 PM

Thanking speech by Anuj chandiwala

04:45 PM

Inauguration of Workshop





Total number of the Participates in STAAD Pro workshop = 59

Workshop content:-

Two Day workshop Schedule:

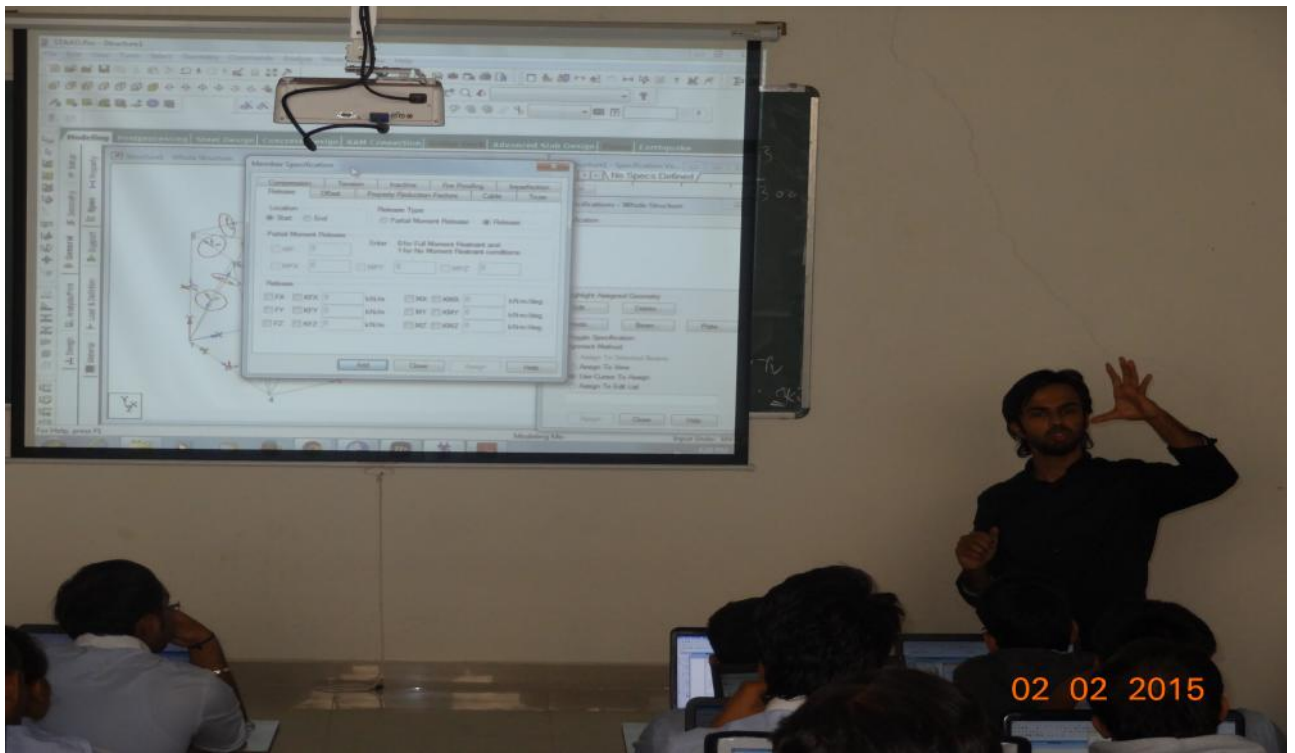
DAY 1:

- Introduction to general features in STAAD PRO.
- Introduction to Staad and its components.
- Introduction to Structural Analysis
- Role of Structural Analysis in Civil Engineering Projects
- Classification of Structures
- Analytical Models
- Analysis of Continuous Beams
- Analysis of Plane Truss
- Analysis of Portal Frame
- Modelling of 3D Portal Frame from 2D Portal Frame
- How to Merge Two Structures
- Modelling Technique Using Cut and Paste and User Tables
- Analysis of Grillage Structures
- Analysis of Plate Structures
- Analysis and Design of Reinforced Concrete Structures
- Simply Supported Beam with Full Lateral Restraint
- Simply Supported Beam with Lateral Restraint at Point Loads
- Simply Supported Beam without Intermediate Restraints
- Column with Pinned Ends and Intermediate Support.

DAY 2:

- Super Structure Design – Covers both Steel and Concrete Members.
- Assigning Code to Structure.
- Assigning Various Parameters to Structure.
- Slenderness and Unsupported Length Commands.
- Assigning Commands to Structure.
- Performing Analysis after Design.
- Working with Editor Input file of Staad.
- Familiarity with Various Commands used in Staad Input File.
- Using Post Processing Command in the Structure.
- Analyzing various Analysis Results at various members and Joints.
- Viewing Staad Output File – Design File of Structure.





List of the winners of the National Level Workshop cum Championship on “STAAD PRO.

Sr.No.	Rank	Name of the students	Class
1	1 st	Tushar B Patel	M.Tech (Civil) 2 nd Year
2	2 nd	Yash Patel & Sindhi Niraj	M.Tech (Civil) 1 st Year
3	3 rd	Maulik Joshi	M.Tech (Civil) 1 st Year
4	4 th	Hardik Radadiya	M.Tech (Civil) 2 nd Year

Winners of this championship participant will perform in the final at IIT Kharagpur in Megalith'15.