

DEPARTMENT OF CIVIL ENGINEERING

Date: 22-02-2020

A report on A 5 day workshop on

“Design of Multi Storey Building Using Stadd Pro V8i”

The department of Civil Engineering organized a five day workshop on “Design of Multi Storey Building Using Stadd Pro V8i” for III year Civil Engg students from 17/02/2020 to 21/02/2020 in association with Canter CADD

Dr. G. Subba Rao, HOD welcomed the trainers of Canter CADD, Habsiguda, Hyderabad. The trainer Mr P. Sai Charan started the session by introducing about the STADD Pro and he spoke the importance of Structural Engineering.

The trainer taught to create a structural model from the plan. Then, the different load combinations and their application on the structure is shown in the software. Usage of various codes viz., Indian Standard, European Codes, American codes for taking different load combination and the structure behavior is studied.

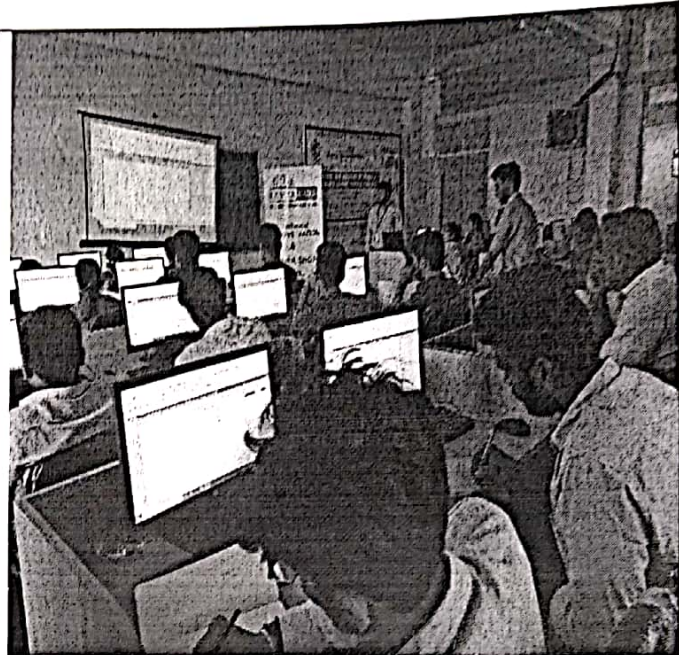
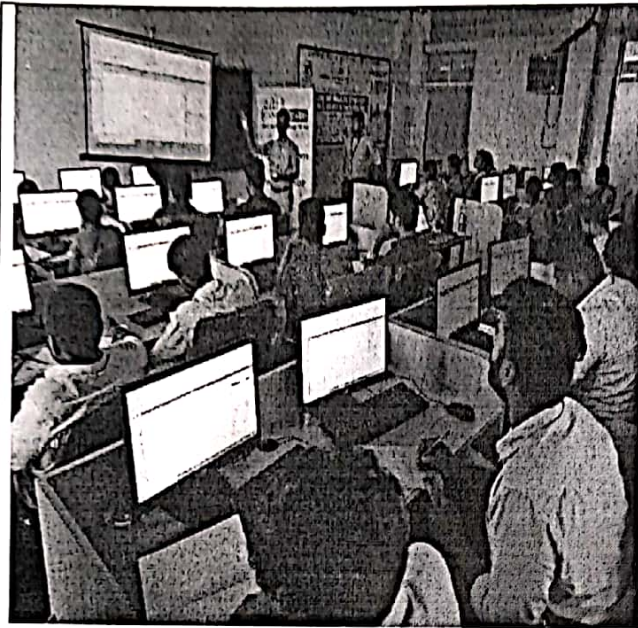
STAAD Pro is one of the most widely used structural analysis and design software products worldwide. It supports over 90 international steel, concrete, timber & aluminum design codes.

It can make use of various forms of analysis from the traditional static analysis to more recent analysis methods like p-delta analysis, geometric non-linear analysis, Pushover analysis (Static-Non Linear Analysis) or a buckling analysis. It can also make use of various forms of dynamic analysis methods from time history analysis to response spectrum analysis. The response spectrum analysis feature is supported for both user defined spectra as well as a number of international code specified spectra.

Additionally, STAAD.Pro is interoperable with applications such as RAM Connection, Auto PIPE, SACS and many more engineering design and analysis applications to further improve collaboration between the different disciplines involved in a project. 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.

After creating model, the trainer explained how to design and analyse the RCC and Steel structure in STADD Pro Software. Then a report is generated and the trainer explained the students how to study the report in a brief manner.

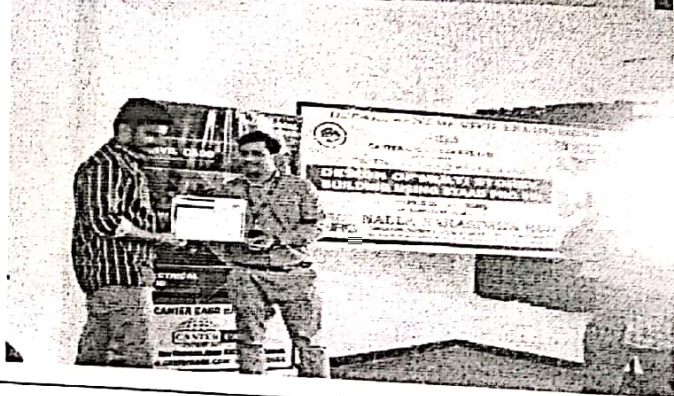
A Valedictory Session was held on the 21/02/2020 at 3:00 PM under the Chairmanship of Dr G S Subba Rao, HoD, CE Dept, NNRESGI, told the importance of Stadd Pro and asked the students to practice the software hereafter. Also, a few students expressed their views about the workshop. At last, the Certificates were distributed to the students and vote of thanks is given by K. Suresh Kumar.



Mr P Sai Charan, Trainer, Canter CADD explaining the STADD Pro Software to the students in the workshop



Dr. G. Subba Rao, HoD CE Dept NNRESGI addressing the students in Valedictory Session



Distribution of Certificates to the student participants

G. Subba Rao
HoD-CE 22/12