

Three Days Online Workshop
On
Staad. Pro
Jointly Organised with
IQAC
and
Department of Engineering, CVRU
In Association with
Scientific Innovation Research Group (SIGR),
Beni- Suef City, Eqypt
Dr. C. V. Raman University, Kota Bilaspur (C.G)

1. **Name of the Event/Activity:** Three Days Online Workshop on Staad. Pro
2. **Jointly Organized With:** Department of Engineering and IQAC.
3. **Date:** 15 – 17 Nov 2021
4. **Venue :** Smart Class Room
5. **Collaboration:** Scientific Innovation Research Group (SIGR), Beni- Suef City, Eqypt
6. **Duration:** 2 hours
7. **Total No. of Participants :** 49 Students
8. **Mode of Conduction :** Online
9. **Type/Nature & Level of the Event :** Expert
10. **Details of Resource Persons** – Mrs. Rolly Vaishnav, Assistant Professor from Chouksey Engineering College, Bilaspur (C.G.)
11. **Session :** 12.00 PM to 02.00 PM

Brief Description

The Department of Engineering and IQAC has jointly organized a three day workshop on the topic
“STAAD.Pro”

In Association with Scientific Innovation Research Group (SIGR), Beni- Suef City, Eqypt, Dr. C. V. Raman University, Kota Bilaspur .

This event was included the guest **Mrs. Rolly Vaishnav, Assistant Professor from Chouksey Engineering College, Bilaspur (C.G.)**

DAY 1-

BASICS AND HISTORY:

The expert firstly explained the students about what really a staad pro is and the usefulness of the software in the industry. Then she told students about job opportunity and career growth by opting this as profession.

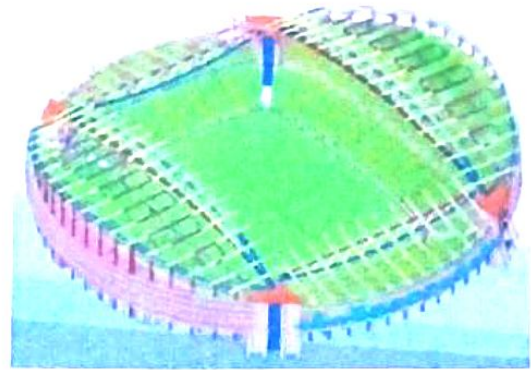
ST - Structural
A - Analysis
A - And
D - Design

- Originally developed by Research Engineering International in 1997 after in 2005 it was bought by Bentley System.
- It can produce output on steel, concrete, timber and aluminum design.
- Using finite element method.
- It is use for analysis and design of all types of structural projects from water tank, buildings, bridges, tunnels and towers.

DAY 2-

HOW THIS WORKS AND DESIGNING :

She speaks about As you can see there are a lot of YouTube videos and channels for learning STAAD.Pro .There is a huge difference between operating a software and using a software. There is a theory behind everything we do in STAAD.Pro if you don't know the theory than you can't explain what you do in this software.



Design any type of structure and share your synchronized model data with confidence among your entire design team, using **STAAD.Pro**. Ensure on time and on budget completion of your steel, concrete, timber, aluminum, and cold-formed steel projects, regardless of complexity. You can confidently design structures anywhere in the world using over 80 international codes, reducing your team's need to learn multiple software applications. Thanks to the flexible modeling environment and advanced features such as dynamic change revisions and management.

DAY 3-

FEATURES AND FUTURE POSSIBILITIES:

She enlightened the groups by explaining the following **Features of STAAD PRO** :

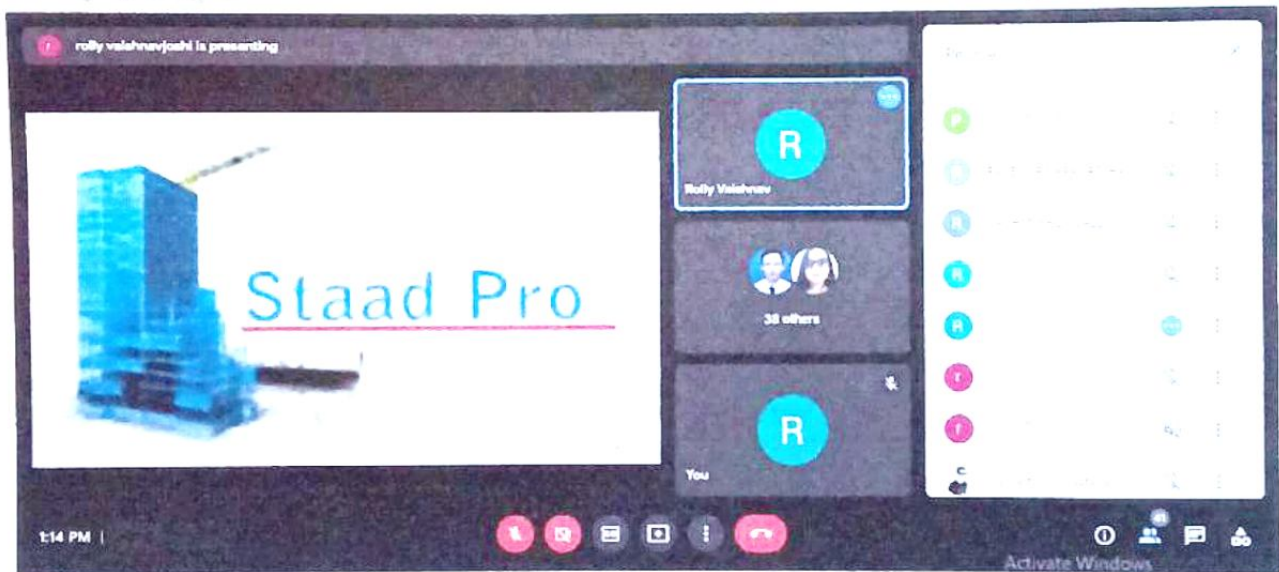
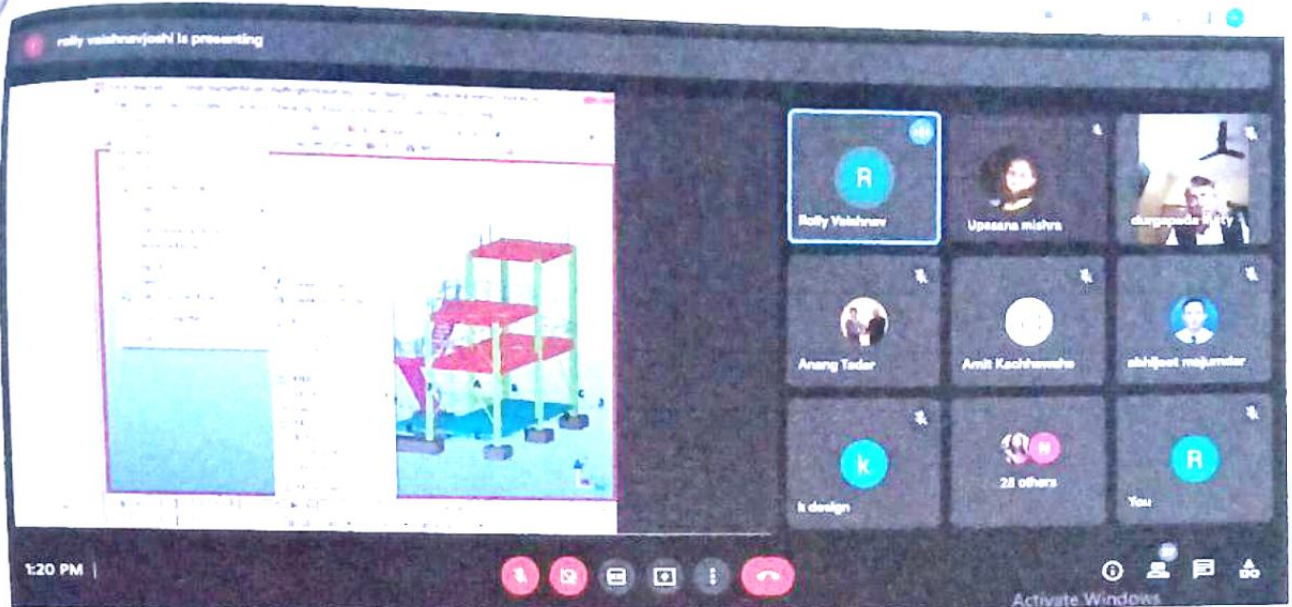
1. It is capable of **analyzing and designing** civil engineering structures such as buildings, bridges, plane and space trusses.
2. It can **generate loads (wind and earthquake)** as per building codes of selected countries.
3. It can carry out design of steel and reinforced concrete buildings as per codes of selected countries.
4. It can carry out **linear elastic (static and dynamic)** and nonlinear dynamic analysis (although I am not sure how good the nonlinear analysis algorithms are, not having used those features).
5. It has a simple and easy to learn user interface.

She explained the where **STAAD.Pro** is **USES** for –



She concluded the session by clearing a few doubts of the students and in future growth opportunity.

The event was concluded by a vote of thanks which was given by Mrs. Renu Tiwari, Assistant Professor, Branch of Civil Engineering, Dr. C. V. Raman University, Bilaspur (C.G.)



Note: To be certified by the Organizing Department with Seal & Signature

Scientific Innovation
Research Group (SIGR)
Beni-Suef City, Egypt



Amr El-Degor

M. Khatibani

Principal
Dr.C.V.Raman Institute of
Science & Technology
Kargi Road, Kota
Dist. Bilaspur(C.G.)

Student List		
S.NO.	Name of the student	Institute Name
1	Jyoti Singh	Dr. C.V. Raman Institute of Science and Technology
2	Santeshwar Patel	Dr. C.V. Raman Institute of Science and Technology
3	Abhishek Kashyap	Dr. C.V. Raman Institute of Science and Technology
4	Ankita Koshle	Dr. C.V. Raman Institute of Science and Technology
5	Sandeep Kumar	Dr. C.V. Raman Institute of Science and Technology
6	Anuradha Mahto	Dr. C.V. Raman Institute of Science and Technology
7	Triloki Sahu	Dr. C.V. Raman Institute of Science and Technology
8	Rishikesh Koshle	Dr. C.V. Raman Institute of Science and Technology
9	Rajkishan Dhirhi	Dr. C.V. Raman Institute of Science and Technology
10	Sanjay Kumar	Dr. C.V. Raman Institute of Science and Technology
11	Lal Kumar Patel	Dr. C.V. Raman Institute of Science and Technology
12	Poojan Kashyap	Dr. C.V. Raman Institute of Science and Technology
13	Ayush Sharma	Dr. C.V. Raman Institute of Science and Technology
14	Bhumika Tiwari	Dr. C.V. Raman Institute of Science and Technology
15	Gaurav Pathak	Dr. C.V. Raman Institute of Science and Technology
16	Amiy Shrivastava	Dr. C.V. Raman Institute of Science and Technology
17	Sachin Banjare	Dr. C.V. Raman Institute of Science and Technology
18	Devendra Singh	Dr. C.V. Raman Institute of Science and Technology
19	Ankit	Dr. C.V. Raman Institute of Science and Technology
20	Ajit Pandey	Dr. C.V. Raman Institute of Science and Technology
21	Bhupesh Jaiswal	Dr. C.V. Raman Institute of Science and Technology
22	Narayani	Dr. C.V. Raman Institute of Science and Technology
23	Roop Lal Jagde	Dr. C.V. Raman Institute of Science and Technology

Scientific Innovation
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24	Brijmohan Singh Shyam	Dr. C.V. Raman Institute of Science and Technology
25	Prashant Kumar	Dr. C.V. Raman Institute of Science and Technology
26	Aniket Shrivastava	Dr. C.V. Raman Institute of Science and Technology
27	Sakshi	Dr. C.V. Raman Institute of Science and Technology
28	Maya Joshi	Dr. C.V. Raman Institute of Science and Technology
29	Neha Joshi	Dr. C.V. Raman Institute of Science and Technology
30	Anil Anant	Dr. C.V. Raman Institute of Science and Technology
31	Sudam Gauda	Dr. C.V. Raman Institute of Science and Technology
32	Pawan Kumar Sahu	Dr. C.V. Raman Institute of Science and Technology
33	Sakshi Kesharwani	Dr. C.V. Raman Institute of Science and Technology
34	Purnima Kashyap	Dr. C.V. Raman Institute of Science and Technology
35	Ankita Mor	Dr. C.V. Raman Institute of Science and Technology
36	Himanshi Tande	Dr. C.V. Raman Institute of Science and Technology
37	Ram Yadav	Dr. C.V. Raman Institute of Science and Technology
38	Tadar Anang	Dr. C.V. Raman Institute of Science and Technology
39	Anurag Pandey	Dr. C.V. Raman Institute of Science and Technology
40	Omar Waked	Egypt
41	Amr Sharif	Egypt
42	Khaled Maked	Egypt
43	Rabi Nabway	Egypt
44	Asser Sheik	Egypt
45	Sammy Yassin	Egypt
46	Mido Halla	Egypt
47	Mona Hamada	Egypt
48	Phaedra	Egypt
49	Hassan Nabway	Egypt

**Scientific Innovation
Research Group (SIGR)**
Beni-Suef City, Egypt



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**DR. C.V. RAMAN INSTITUTE OF
SCIENCE & TECHNOLOGY**

DEPARTMENT OF ENGINEERING

Website: www.cvru.ac.in, Email: info@cvru.ac.in

CVRI/CE/Internal/....2.10...../2021

DATE: 08.11.2021

Circular

This is to inform that the Department of Engineering is going to jointly organize Three day workshop on “**Three Days online workshop on STADD Pro** - In Association with Scientific Innovation Research Group (SIGR), Beni- Suef City, Eqypt. Dr. C. V. Raman University, Kota Bilaspur ”dated on **15-17 November 2021** to create awareness among students and faculty members of the University. So it is requested to all the faculties and students to take keen interested for this event and participate.

Kindly circulate this information to all the students, faculty and staff members of other institutions also.

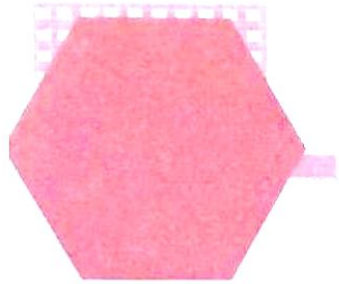
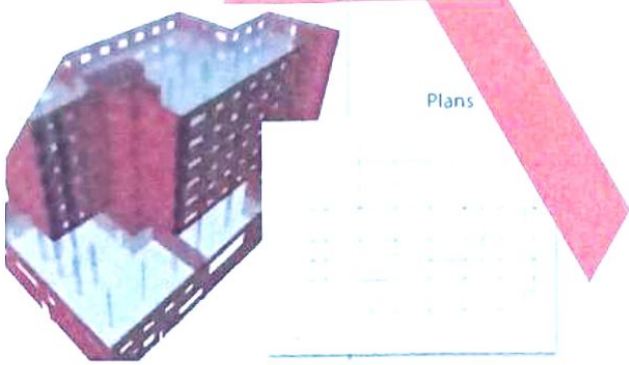
Principal

Department of Engineering Principal

Dr. C.V. Raman Institute of
Science & Technology
Kargi Road, Kota
Dist. Bilaspur (C.G.)

Copy To:

1. PA, Vice Chancellor, Dr. C.V. Raman University (For kind information)
2. PA, Registrar, Dr. C.V. Raman University (For kind information)
3. IQAC, Dr. C.V. Raman University
4. All HODs/Deans, Dr. C.V. Raman University
5. Training & Placement Cell, Dr. C.V. Raman University



ONLINE 3 DAYS WORKSHOP

on

STAADPRO

15-17 Novemeber 2021

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and**

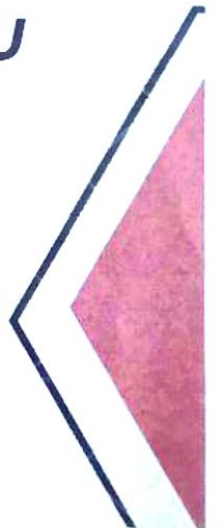
Department of Engineering, CVRU

In Association With



**Scientific Innovation Research Group
(SIGR), Beni-Suef City, Egypt**

**Dr. C.V. Raman University, Kota
Bilaspur (C.G.)**



STAAD PRO

WORKSHOP SCHEDULE

	15 NOVEMBER 2021	16 NOVEMBER 2021	17 NOVEMBER 2021
SESSION 1	INTRODUCTION	WORKING	FEATURES
TEA - BREAK			
SESSION 2	BASICS AND HISTORY	DESIGNING	FUTURE POSSIBILITIES AND CONCLUSION