

Student Training Program

STAAD-Pro

2017-18



Per
 Auto-

Permission for Student Training Program

Department: Civil Engineering
 Class: TE/BE

Semester: II

Academic Year: 2017-18
 Date: 10/01/2018

To,
 Head of Department,
 Civil Engineering Department
 ZCOER, Pune

Subject: Permission for scheduling, Student Training Program.

Respected Sir,

The Civil Engineering Department is planning to schedule an in-house "Student Training Program" for the students, to enhance their skills of STAAD-Pro software. The sessions will be conducted by Mr. Prashant Patil from 18th January to 24th January 2018. Hence, I would request you to give permission for conduction of the above mentioned session.

Course Coordinator

Academic Coordinator

Head

Dep't of
 ZCOER
 Engineering & Research
 Narhe, Pune-411 041

Civil Engineering Department

Civil Engineering Department

Academic Coordinator
 Department of Civil Engineering
 Zeal College of Engineering & Research
 Narhe, Pune-411041

HOD
 Dept of Civil Engineering
 ZES's Zeal College of
 Engineering & Research
 Narhe, Pune-411 041



Module-wise Plan
STAAD-Pro

Session No.	Content	Duration in Hours
1.	<ul style="list-style-type: none"> • Introduction to Structural Engineering • Use of Computer Aided Design in Civil Engineering • Applications of STAAD-Pro • Introduction to Interface of STAAD-Pro • Creating a New File and how to save it • Some basic commands 	2
2.	<ul style="list-style-type: none"> Understanding Different Viewing options in STAAD-Pro • Creating 2D Geometry Using Grid Method and Structure Wizard • How to Convert 2D to 3D Using Translational Repeat Command • Use of Circular Repeat Command and Mirror • Importance of numbering of beams and nodes • Renumbering beams and nodes 	2
3.	Creating a 2D plan of a residential bungalow using MS-Excel sheet and AutoCAD (Method Used in Industry)	2
4.	Learning How to Covert 2D Plan into 3D Using Excel Sheet	2
5.	<ul style="list-style-type: none"> Introduction Support Systems in STAAD-Pro • Assigning Supports to Created Geometry • Creating Material Properties in STAAD-Pro • Assigning Material to Created Geometry • Defining Section Properties for Beams& Columns • Assigning Section Properties to Created Geometry 	2
6.	<ul style="list-style-type: none"> Introduction to Types of Loads to be Applied on a Particular Building • Manual Load Calculations for The Given Project (by Trainer) • Calculations of Loads For All The Projects given(by Students) 	2
7.	Application of Dead Load And Live Load (Member Loads) o Wall Loads o Parapet Load o Stair-Case Load o Projection Load o Water Tank Wall Load	2
8.	Application of floor load dead as well as live load	2
9.	Analysis of RCC structure and how to see o Bending Moment Diagram /Values o Shear Force Diagram /Values o Axial Force Diagram/Values o Support Reactions	2
10.	<ul style="list-style-type: none"> RCC Design • How To See Failed Beams and Columns • Making All The Members Pass • Detailing Concepts Using STAAD-Pro Results 	2
11.	Application of Earthquake Load & Wind Load	2
12.	<ul style="list-style-type: none"> Introduction to Steel Structures • Creating geometry • Assigning Material Properties and Section Properties 	2
13.	Analysis and Design of Steel Structures	2
14.	Practice Sessions for Earthquake Load & Wind Load	2
15.	Practice Sessions for Steel Structures	2





ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND RESEARCH
NARHE, PUNE -41
Department of Civil Engineering



Notice

Department: Civil Engineering
Class: TE/BE

Semester: II

Academic Year: 2017 -2018
Date: 11/01/2018

All the students Civil Department are here by informed that student training program of STAAD-Pro is arranged from 18/01/2018 to 24/01/2018 from 09:30 AM onwards. Interested students should enroll your names on or before 15/01/2018 to Prof. A. V. Wakchaure.

Coordinator

Dept of Civil Engineering
ZES's Zeal College of
Engineering & Research
Narhe, Pune-411041

Academic Coordinator

Department of Civil Engineering
Academic Coordinator
Department of Civil Engineering
Zeal College of Engineering & Research
Narhe, Pune-411041

Head

Department of Civil Engineering
HOD
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ZEAL COLLEGE OF ENGINEERING & RESEARCH, PUNE

Department Of Civil Engineering

“Student Training Program”

STAAD-Pro

SCHEDULE

DATE	TIME	DURATION
18 th January to 24 th January 2018	9:30 AM – 5:00 PM	2 Hours / Session

Session Expert –Mr. Prashant Patil

Certificate will be issued to the participant with 100% attendance only

Prof. A. V .Wakchaure
Overall Coordinator



Dr. G. S. Anaokar
Head-CED

Auth



Trail
Auto-

Department of Civil Engineering

Date: 27/01/2018

Training Session Report

Department: Civil Engineering Academic Year: 2017-18

Semester: II

To,
Head of the Department,

Subject: Submission of STAAD-Pro training report for Year 2017-2018

Respected Sir,

I am submitting the report of STAAD-Pro training report conducted on 18/01/2018 to 24/01/2018. I request you to note the activities and observations during session conduction.

STAAD-Pro training started at 09.30 PM with a welcome note given by Prof. A. V. Wakchaure. Total 40 students of Civil Department were present.

Activity 1: Mr. Prashant Patil introduced about STAAD-Pro software topic to all students.

Activity 2: Mr. Prashant Patil started the session with introduction of the software on day 1, on day 2 Prashant sir described about tools then on the 3rd day trainer explained about utility of the software and on the last day applications of the software in Civil Engineering.

Activity 3: On the last day sir announced a practice test based on application of STAAD-Pro software.

Activity 4: The session concluded after vote of thanks given by Prof. A. V. Wakchaure.

Course Coordinator

CED

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ZES's Zeal College of
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Narhe, Pune-411 041

Academic Coordinator

CED

Academic Coordinator
Department of Civil Engineering
Zeal College of Engineering & Research
Narhe, Pune-411041

Head

CED

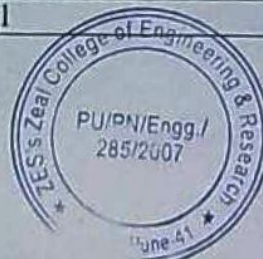
HOD

Dept of Civil Engineering
ZES's Zeal College of
Engineering & Research
Narhe, Pune-411 041



Students Enrollment for STAAD Pro (2017-18)

Sr. No.	Name of Students
1	Saurabh Bhat
2	Punit Bhoir
3	Akash Borade
4	Shashank Chavan
5	Kedar Danve
6	Karan Dhamale
7	Sandesh Dhanawade
8	Diksha Tikoo
9	Kiran Dudhabhate
10	Rohit Gaikwad
11	Hrushikesh Galande
12	Akshay Gunjal
13	Ankush Harle
14	Chandgude Yogesh
15	Chavan Nandkumar
16	Choudhary Apeksha
17	Dhayarkar Shubham
18	Dhotre Shubham
19	Dimble Shubham
20	Manoli Prasad Jaypal
21	Pote Prathamesh Suraj
22	Vambere Tejas Ramesh
23	Khandagale Sweta Sanjay
24	Vishal Nalawade
25	Saurabh Pansare
26	Amaranath Patil
27	Priyanka Patil
28	Rohan Patil
29	Rupali Patil
30	Shubham Patil
31	Smita Patil
32	Dipak Sunil Pawar
33	Karan Petade
34	Suraj Phadtare
35	Janmesh Patel
36	Amit Rupanwar
37	Bhagyashree Patil
38	Janmesh Patel
39	Amit Rupanwar
40	Bhagyashree Patil



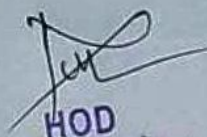


Zeal Education Society's
Zeal College of Engineering and Research, Narhe, Pune-41
Department of Civil Engineering
Attendance
Auto-Cad & Google-Sketch-UP (2017-2018)

Sr.No.	Name of Student	Date															
		18/1	18/1	18/1	19/1	19/1	19/1	20/1	20/1	20/1	21/1	21/1	21/1	22/1	22/1	22/1	23/1
1	Saurabh Bhat	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
2	Punit Bhoir	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	
3	Akash Borade	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
4	Shashank Chavan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
5	Kedar Danve	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
6	Karan Dhamale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
7	Sandesh Dhanawade	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	
8	Diksha Tikoo	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
9	Kiran Dudhabhate	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
10	Rohit Gaikwad	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
11	Hrushikesh Galande	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	
12	Akshay Gunjal	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
13	Ankush Harle	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	
14	Chandgude Yogesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
15	Chavan Nandkumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
16	Choudhary Apeksha	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	
17	Dhayarkar Shubham	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
18	Dhotre Shubham	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	
19	Dimble Shubham	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
20	Manoli Prasad Jaypal	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
21	Pote Prathamesh Suraj	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
22	Vambere Tejas Ramesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
23	Khandagale Sweta Sanjay	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	
24	Vishal Nalawade	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
25	Saurabh Pansare	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	
26	Amaranath Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
27	Priyanka Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
28	Rohan Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
29	Rupali Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
30	Shubham Patil	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	
31	Smita Patil	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	
32	Dipak Sunil Pawar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
33	Karan Petade	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
34	Suraj Phadtare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
35	Janmesh Patel	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
36	Amit Rupanwar	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	
37	Bhagyashree Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
38	Janmesh Patel	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	
39	Amit Rupanwar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
40	Bhagyashree Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	

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 ZES's Zeal College of
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Student Training Program

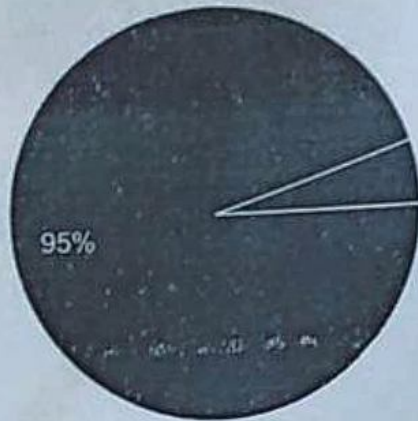
20 responses

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1. How would you rate the content of the session?

20 responses

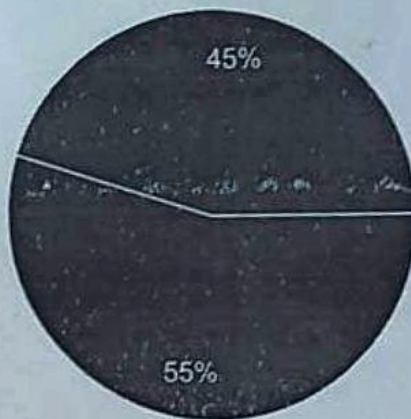


- Excellent
- Very good
- Good
- Fair
- Poor

2. How would you rate the knowledge of the guest for the session?

 Copy

20 responses



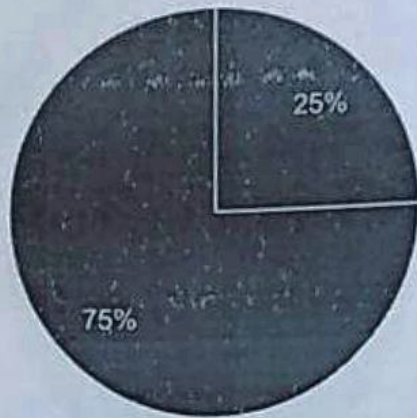
- Excellent
- Very good
- Good
- Fair
- Poor



3. How would you rate the content delivery method of the guest for the session?

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20 responses

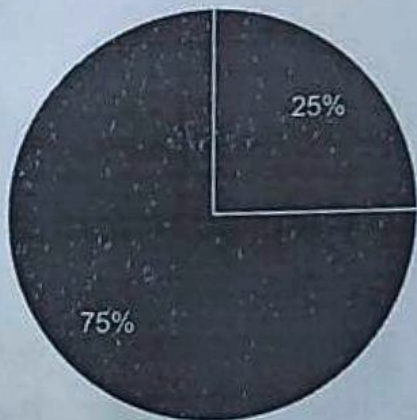


- Excellent
- Very good
- Good
- Fair
- Poor

4. How would you rate the management of the session?

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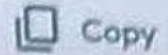
20 responses



- Excellent
- Very good
- Good
- Fair
- Poor



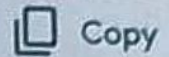
5. Do you think the content of the session added to your knowledge?



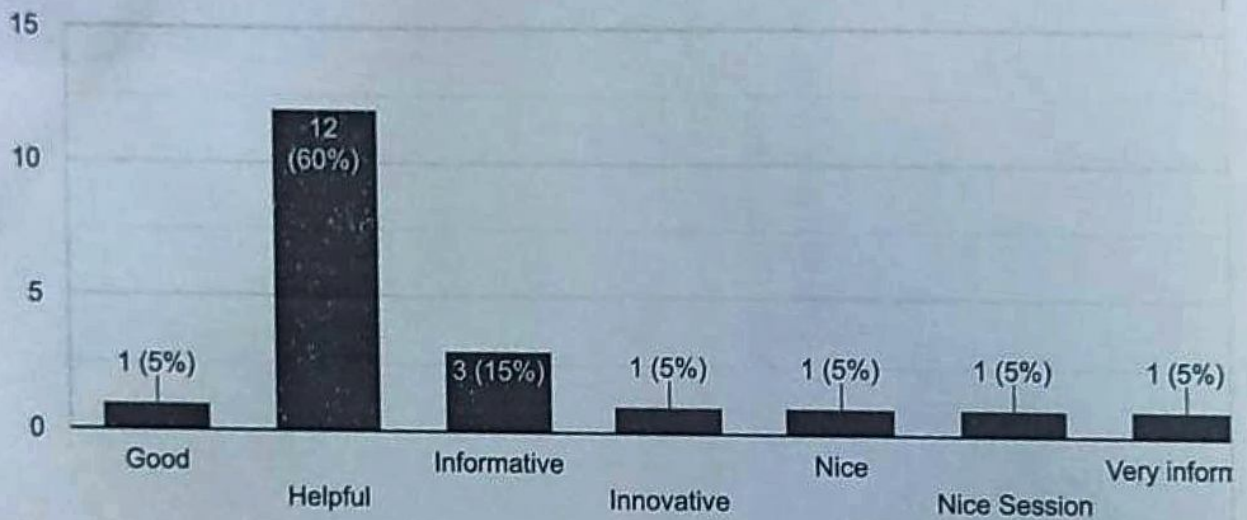
20 responses



6. What are your key take away from the session?



20 responses



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Certificate



Zeal College of Engineering & Research, Pune
Department of Civil Engineering

This is to certify that Mr./Ms./Mrs. Vishal Nalawade
has successfully completed a training program on HEC-RAS/ANN/STAAD-Pro at
Civil Engineering Department of Zeal College of Engineering & Research Pune,
During Academic Year 2017-18

Mr. A. V. Wakchaure
Course Coordinator

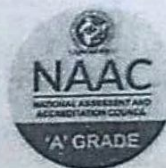
Dr. P. P. Walvekar
Head of Civil Department

Dr. A. M. Kate
Principal
ZCOER, Pune





Certificate



Zeal College of Engineering & Research, Pune
Department of Civil Engineering

This is to certify that, Mr./Ms./Mrs. Rohit Gaikwad
has successfully completed a training program on HEC-RAS/ANN/STAAD-Pro at
Civil Engineering Department of Zeal College of Engineering & Research Pune.
During Academic Year 2017-18

Mr. A. V. Wakchaure
Course Coordinator

Dr. P. P. Walvekar
Head of Civil Department

Dr. A. M. Kate
Principal
ZCOER, Pune

