



## BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

Accredited by NAAC With 'A' Grade

Approved by AICTE, New Delhi & Affiliated to Shivaji University, Kolhapur  
Near Chitranagari, Kolhapur - 416013 (MS)

DTE INSTITUTE CODE : EN-6288

Tel.No.: (0231) 2638893, 2638894, Fax : 2636050

Web : <http://coekolhapur.bharatividyapeeth.edu> E-mail : [coekolhapur@bharatividyapeeth.edu](mailto:coekolhapur@bharatividyapeeth.edu)

FOUNDER CHANCELLOR

**Dr. Patangrao Kadam**

M.A., LL. B., Ph. D.

PRINCIPAL

**Dr. Vijay Ghorpade**

M.E., Ph. D. (Computer)

## NAAC SSR CYCLE- 2



Criterion 1	Curricular Aspects
<b>Key Indicator 1.2</b>	<b>Academic Flexibility</b>
1.2.1 Number of Add on /Certificate/Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. where the students of the institution have benefitted during the last five years	



## BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING ,KOLHAPUR

- **Organizing Department:** Civil Engineering.
- **Name of Activity :**Add-on Course“STAAD-PRO SOFTWARE”
- **Name of Coordinator:** Mr. V.B Patil
- **Name of Resource Person:** 1. Mr.M.M.More.  
2. Mr.N.A.Mohite.
- **Date of Activity:** 16<sup>th</sup> to 20<sup>th</sup> MARCH 2020
- **Participant :**Third Year & Final year Civil Students(92)
- **Details of Activity:**

STAAD-Pro is one of the most widely used structural analysis and design software products worldwide. It can apply more than 90 international steel, concrete, timber and 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.

- **Outcome of Activity:**

Student will be able to complete object-oriented instinctive 2D/3D graphic model generation. Will know to make isometric & perspective views and 3D shapes. Student will be able to design concrete beams/columns/slabs/footings as per all major.

>About this call

People Information

06 Kashif Karol	54Pushpak
11ketan jawalkar	56 Sourav
25 Revti Dalvi	02 Atharva
J 35 PRADNYA JAGTAP	51 Deepali
39 Pratik Lad	69 Akanksha
40 .RITESH Londhe	48 Komal
41 Omkar Malavade	You
44 ELIYAS MULLA	58 Swapnil
49 Gaurav Parit	9 others
P 58 Swapnil Pawar	
64 shreyash sawant	
70 Anushka Sutar	
S 73 Suchitra Sutar	
prasad jadhav	
prasad jadhav (Presentation)	



Social Transformation Through Dynamic Education

## **BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING KOLHAPUR**

### **DEPARTMENT OF CIVIL ENGINEERING**

### **Add-on Course “STAAD-PRO SOFTWARE”**

#### **Course Objectives:**

- STAAD Pro is a structural analysis and design program used for steel, concrete, aluminum, and cold-formed steel design of virtually any structure including culverts, petrochemical plants, tunnels, bridges, etc. 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.
- The student will learn about above mentioned modules. The course is also useful for the faculty members of various engineering colleges and P.G and U.G Students of Civil Engineering.

#### **Course Outcomes:**

**On successful completion of the course, the students should be able to**

- To convert physical models into analytical models.
- To create concrete and steel BIM workflows.
- To create constants, supports, and specifications.
- To do water tank analysis, foundation design.
- To create steel design, concrete design.

# COURSE CONTENTS

COURSE CODE: CIV192001

Session	Contents	Hours
1	Introduction to STAAD.Pro	02
2	Geometry	03
3	Other Useful Function to Complete the Geometry	03
4	Property Details	03
5	Constants, Supports and Specifications	03
6	Loading Particulars	03
7	Analysis	03
8	Post Processing	03
9	Concrete Design	03
10	Steel Design	03

## Hardware Requirement:

- Desktop PC/Laptop with STADD PRO Software.
- Internet Connection to installation of toolbox
- LCD Projector with screen

## Resource Person:

1. Mr.M.M.More.

2. Mr.N.A.Mohite.



Mr. Patil V.B

Coordinator



Prof. Kadam V.S.

HOD Civil Dept



Dr. V.R.Ghorpade

PRINCIPAL



**Bharati Vidyapeeth's  
College of Engineering Kolhapur**

Approved by A.I.C.T.E., New Delhi and affiliated to Shivaji University, Kolhapur.  
Near Chitrangari, Morewadi, Kolhapur - 416 013 (Maharashtra). Phones : 0231-2638894, 2638893

**CERTIFICATE  
OF APPRECIATION**

THIS CERTIFICATE FOR PARTICIPATION OF

**SURAJ KHADE**

FOR TECHNICAL TRAINING PROGRAM ARRANGED BY DEPARTMENT OF CIVIL ENGINEERING  
BHARATI VIDYAPEETHS COLLEGE OF ENGINEERING, KOLHAPUR.

ON  
**HANDS ON TRAINING ON STAAD-PRO**

16 TH MARCH 2020 TO 20TH MARCH 2020

  
PROF. V.B.PATIL  
BVCOE, KOLHAPUR

  
PROF. V.S.KADAM  
HOD CIVIL  
BVCOE, KOLHAPUR

  
DR.V.R.GHORPADE  
PRINCIPAL  
BVCOE, KOLHAPUR



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Near Chitrangari, Morewadi, Kolhapur - 416 013 (Maharashtra). Phones : 0231-2638894, 2638893

**CERTIFICATE  
OF APPRECIATION**

THIS CERTIFICATE FOR PARTICIPATION OF

**OMKAR JADHAV**

FOR TECHNICAL TRAINING PROGRAM ARRANGED BY DEPARTMENT OF CIVIL ENGINEERING  
BHARATI VIDYAPEETHS COLLEGE OF ENGINEERING, KOLHAPUR.

ON  
**HANDS ON TRAINING ON STAAD-PRO**

16 TH MARCH 2020 TO 20TH MARCH 2020

  
PROF. V.B.PATIL  
BVCOE, KOLHAPUR

  
PROF. V.S.KADAM  
HOD CIVIL  
BVCOE, KOLHAPUR

  
DR.V.R.GHORPADE  
PRINCIPAL  
BVCOE, KOLHAPUR

  
Mr. Patil V.B

Coordinator

  
Prof. Kadam V.S.

HOD Civil Dept

  
Dr. V.R.Ghorpade

PRINCIPAL



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FOUNDER & CHANCELLOR

**Dr. Patangrao Kadam**

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Date : 20/03/2020

### Thanking Letter

To

Mr.M.M.More

Mr.N.A.Mohite.

Assistant Professor

Department of Civil Engineering

B.V.C.O. Kolhapur

Dear Sir/Madam,

On behalf of our Civil Engineering Department, Bharati Vidyapeeth college of Engineering, Kolhapur .We would like to express our gratitude to you for the talk On “Add-on Course“STAAD-PRO SOFTWARE”

I thank you from the bottom of my heart for taking time from your busy schedule to be the expert recourse person for Add-on Course.. Everyone present for course was not only in awe of your knowledge, but also greatly impressed by your presenting style. It would be our immense pleasure to invite you once more to spread awareness around the subject in the near future.

I look forward to our next interaction soon. Wish you great health and success with all your future endeavors.

Thanking you!

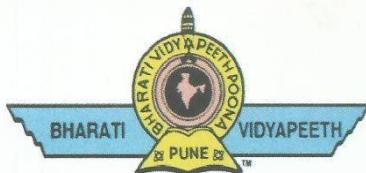
HOD

V.S. Kadam

(Civil Engineering Department)

**Dr. V. R. Ghorpade**

**Principal**



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Date: 12/3/2020

To,

Mr.M.M.More

Mr.N.A.Mohite.

Assistant Professor

Department of Civil Engineering

B.V.C.O. Kolhapur

### Subject : To Conduct a course STAAD-PRO SOFTWARE

On behalf of Civil Engineering Department, Bharati Vidyapeeth college of Engineering, Kolhapur, I'm writing to you. We want to arrange An Add-On Course to Our Students . STAAD-PRO SOFTWARE We'd love to meet you and hear more about STAAD-PRO SOFTWARE . We think that if you give your valuable knowledge about Auto Cad to our students of our Department, It will be helpful to them for their future.

So we request you to kindly accept the invitation for conducting a course on. STAAD-PRO SOFTWARE

Thanking You,

HOD

V.S. Kadam

(Civil Engineering Department)

**Dr. V. R. Ghorpade**

**Principal**

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7	Chougule Sayali G.	<u>Sayali</u>
8	Dafade Sachin K.	<u>Sachin</u>
9	Dagadgave Vijay V.	<u>Vijay</u>
10	Desai Kalyan A.	<u>Kalyan</u>
11		
12	Divase Sangram B.	<u>Divase</u>
13	Dupade Sagar D.	<u>Sagar</u>
14	Gaikwad Minal S.	<u>Minal</u>
15	Gaikwad Sohil S.	<u>Sohil</u>
16	Ghatge Shweta S.	<u>Shweta</u>
17		
18	Ghunale Vaishali Ravinder	<u>Ghunale</u>
19	Gore Rohan <del>Jagat</del> T.	<u>Rohan</u>
20		
21	Omkar Jadhav	<u>Omkar</u>
22	Jadhav Shirang T.	<u>Jadhav</u>
23	Joshi Shrinivas	<u>Joshi</u>
24	Kadam Prasad Subhash	<u>P.S. kadam</u>
25	Kadam Swapnil Vinayak	<u>Swapnil</u>
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33	Mane Amar Anandrao	<u>Amar</u>
34	Mane Arvindesh Uttam	<u>Arvindesh</u>
35	Mane Sudath Bhagwan	<u>Sudath</u>
36	Nar Aditya Ravindra.	<u>Aditya</u>
37	Pandhare Sunil Dnyanu	<u>S.D.P</u>
38	Patil Ajinkya Shivaji	<u>Ajinkya</u>
39		
40	Patil Akash sunil	<u>A.s patil</u>
41	Patil Aniket Ananda	<u>Aniket</u>
42		
43	Patil Shashank K	<u>Shashank</u>



BHARATI VIDYAPEETH'S  
COLLEGE OF ENGINEERING, KOLHAPUR  
DEPARTMENT : \_\_\_\_\_

THEORY ATTENDANCE SHEET

Class :	Shift :	Div :	Subject :						
Year :			Name of the Faculty :						
Sem :				From :		To :			
Roll No.	Name		Date :	Date :	Date :	Date :	Date :	Date :	Date :
1	Shweta Bhogavkar		16/03/						
2	Atharva. Charankar		Atharva						
3	Ramaaj Desai		Ramaaj						
4									
5	Harshal. kulkarni		Harshal						
6	Kushif Karol		Kushif						
7	Vishwajeet R. Magar		Vishwajeet						
8									
9									
10	Sushant. A. Gutarkar		Sushant						
11	Kelan Tawalkar		Kelan						
12	Ritesh R. Kamble		Ritesh						
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21	Sanket Balwant Budhawarle		Sanket						
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25	Revati Anil Dalavi		Revati						
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29	Sheetika P. Gayali		Sheetika						
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33	Sourbh. Suresh. Jadhav.		Sourbh						
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Roll No.	Name	Date :	Date :	Date :	Date :	Date :	Date :
44	Mulla Ellyasahamad, F.	16/03 Aiyamulla					
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47	Swarangi, Uttam Parab	Parab					
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54	Pushpam R. Pati	Qpati					
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70	Anushka B. Sudar	Anushka					
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73	Suterr suchitra sanjay	SSP					
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BHARATI VIDYAPEETH'S  
COLLEGE OF ENGINEERING, KOLHAPUR  
DEPARTMENT : \_\_\_\_\_  
THEORY ATTENDANCE SHEET. *mid inv*

Class :	Shift :	Div :	Subject :							
Year :	Name of the Faculty :						To :			
Sem :				From :			Date :	Date :	Date :	Date :
Roll No.	Name			Date :						
1	Shweta Bhogavkar.			17/03						
2	Atharva S. Charankar			ABSENT						
3	Ramraj D. Desai			ASSENT						
4				Desai						
5	HARSHAL . H . KALE			17/03						
6	KASHIF KARO1			ABSENT						
7				ABSENT						
8	Abhishek .R. Bhuroale			17/03						
9				ABSENT						
10	Sushant . A . Sotar			17/03						
11				ABSENT						
12				ABSENT						
13	Rutik Kiran Magadum			17/03						
14				ABSENT						
15				ABSENT						
16	Ashish Pandurang Mahajan			17/03						
17				ABSENT						
18				ABSENT						
19	Sunket Ashok Kamble			17/03						
20				ABSENT						
21	Sunket Balwant Budhawale			17/03						
22				ABSENT						
23				ABSENT						
24				ABSENT						
25	Revati Anil Dalavi			17/03						
26				ABSENT						
27				ABSENT						
28	Grishma Prabhakar			17/03						
29	Shruti Prabhakar Grimali			17/03						
30				ABSENT						
31				ABSENT						
32				ABSENT						
33				ABSENT						
34				ABSENT						
35	Pradnya B. Jagtap			17/03						
36				ABSENT						
37				ABSENT						
38	Yash Pratul Kumble			17/03						
39				ABSENT						
40	Riteshkumar N. Londhe			17/03						
41	Omkar Rajendra Malavade			17/03						
42				ABSENT						
43				ABSENT						

Roll No.	Name	Date : 17/03	Date :	Date :	Date :	Date :	Date :
44		AB					
45	Vaibhav . Nalawade	VAIBHAV					
46		AB					
47	Surangi . U. Pandb.	Surangi					
48	Komal U. Paralkar.	Komal	U. Paralkar.				
49	Gourav C. Parxit	Gourav	C. Parxit				
50		AB					
51	Deepal. S. patil	Deepal	S. patil	Deepal	17/03	17/03	17/03
52		AB					
53							
54	Preshpak . T. Patil	Preshpak	T. Patil	Patil			
55	Shreya A. Patil	Shreya	A. Patil	Patil			
56	Sourav S Patil	Sourav	S Patil	Patil			
57		AB					
58	Pawar Swapnil Dattat	Pawar	Swapnil	Dattat			
59	Pawar Pratiksha Babasa	Pawar	Pratiksha	Babasa			
60	Vaibhav Ramnath Powar	Vaibhav	Ramnath	Powar			
61	Rajigare Rohit Suresh	Rajigare	Rohit	Suresh			
62		AB					
63		AB					
64	Shreya P. Sawant	Shreya	P. Sawant	Sawant			
65		1					
66							
67		AB					
68							
69	Shinde Akanksha R	Shinde	Akanksha	R	APRIL		
70	Anushka B. Sutar	Anushka	B. Sutar	Sutar			
71							
72		AB					
73	Sutar Suchitra Sanjay	Sutar	Suchitra	Sanjay	8/03		
74							
75							
76		AB					
77							
78	Tiwale Tanmay Shekhar	Tiwale	Tanmay	Shekhar	17/03		
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	Sign of the Staff	5					

13/14/10/20.		
1	Aryan R. Dhanavade	100
2	Nayan P. Chompuwar	03
3	Shreejit S. Miske	52
4	Ashish R. Mohite	55
5	Pati Sahil Suhag	12
6	Amirhamza J. Munchi	12
7	Aniket S. Chavhan	10
8	Aniruddha R. Desai	12
9	Harshwardhan J. Desai	12
10		AB
11	Aniket T. Gaikwad	05
12		AB
13	Jyoti J. Hor	09
14	Jackson P. Khade	12
15	Susnil S. Kamble	50
16	Niraj S. Kolake	12
17	Sanjay S. Mahind	05
18		AB
19	Tushar subhash More	00
20	Abhijit S. Patkade	02
21	Nikam Prathamesh H	21
22	Otoni S. Tejaswini D.	07
23		AB
24	Shivtej P. Patkar	10
25	Patil Pratik P.	17
26	Prithviraj D. Patil	12
27	Rohit R. Patil	25
28		AB
29	Sahil S. Patil	00
30	Sudip D. Patil	00
31	Vedant B. Patil	11
32	Altman R. Pawar	09
33	Kartik R. Pawar	00
34	Kunal K. Pawar	09
35	Rahul D. Pawar	09
36	Pamprasad R. Prajapat	12
37	Harsh M. Ranadive	16
38		AB
39	Saurav P. Salvi	06
40	Vijek V. Savant	08
41	Prathamesh S. Shete	02
42		AB
43	Kunal M. Tawalkar	05

1	Shweta Bhogavakar	14/3/2022
2	Attarva Chomankar	Asches
3	Ramraj Desai	Rajesh
4	Aniket Gote	Ap
5	Harshal. Kale	Hrsh
6	Kashif Karvi	Kashif
7	Vishwajeet R. Major	Vishwajeet
8	Abhishek. R. Bhurrate	Abhishek
9	Ritik . s. Rokde	Ritik
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11	Kelan Jayatkar	Kelan
12	Ritesh Rajendra Kumble	Ritesh
13	Rutik Kiran Magdum	Rutik
14	Prasad. Ravindra Mane	Prasad
15	Abhijeet Vilas Bhillare	Abhijeet
16	Ashish Pandurang Mahajan	Ashish
17	AShpak Hamid Momin	AShpak
18	Tejas Dattatraya Derrade	Tejas
19	Sanket Ashok Kamble	Sanket
20	Nikhil Prannder Budate	Nikhil
21	Sanket Balwant Budhawarkar	Sanket
22	Omkar Anur Chavhan	Omkar
23	Chaugule Utkarsh Sanjay	Utkarsh
24	Prashant Sharad Dabhade	Prashant
25	Revati Anil Dalavi	Revati
26		
27	Jyotraoitya S. Desai	JSD
28	Prabhakar P. Gaikwad	Prabhakar
29	Shreutika P. Gaivali	Shreutika
30	Nimashu C. Goando	Nimashu
31	Jadhav Athiav S	Jadhav
32	Prathmesh A. Jadhav	Prathmesh
44	Mulla Hiyashahmed Firoz	Mulla
45	Vaibhav Gunoji Nalawade	Vaibhav
46	Tanish Narkte	Tanish
47	Swarangi . Parab	Swarangi
48	Komal V. Paralkar	Komal
49	Parit Gaudav C.	Parit
50	Patil Avinash V	Patil
51	Deepali S. Patil	Deepali
52	Harshvardhan K. Patil	Harshvardhan
53	Mayur Patil	Mayur
54	Pushpuk Patil	Pushpuk
55	Shreyas A. Patil	Shreyas
56	Sourav S. Patil	Sourav
57		
58	Pawar Sugandh D.	Pawar
59	Pawar Pratiksha Babasaheb	Pawar
60	Vaibhav Ramrao Pawar	Vaibhav
61	Rohit Suresh Rajjave	Rohit
62	Mujavesh Relekar	Mujavesh
63	Muskan Sanadi	Muskan
64	Shreyash P. Sawant	Shreyash
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33	Sourbh. Suresh Jadhav	<i>Sourbh</i>
34	Sourabh Sanjivao Jadhav	<i>Sourabh</i>
35	Jagtap Pradnya B.	<i>Jagtap</i>
36		<i>AB</i>
37	Parsharam Vijay Kamble	<i>Parsharam</i>
38	Kamble Yash Prafull	<i>Kamble</i>
39	LAD PRATIK RAJENDRA	<i>Pratik</i>
40	Londhe Riteshkumar N.	<i>Riteshkumar</i>
41	Molavand Omkar Rajendra	<i>Omkar</i>
42	Saijal Daduso Mane	<i>Saijal</i>
43	Prathmesh Raju Mohite	<i>Prathmesh</i>