



Late Purushottam Hari (Ganesh) Patil Shikshan Sanstha's
Mauli Group of Institution's, College of Engineering & Technology, Shegaon



Department of Civil Engineering

Session: 2026-2027

ACTIVITY REPORT

**“ISTE Approved Short Term Training Program on
Hands-on Training of STAAD Pro & ETABS Software's”**

Program Details

Title of the Program	ISTE Approved Short Term Training Program on Hands-on Training of STAAD Pro & ETABS Software's
Type	STTP
Approving Body	Indian Society for Technical Education (ISTE)
Organized by	Department of Civil Engineering, MGI-COET, Shegaon
Resource Person	Prof. Sumit Chore, Assistant Professor, MGI-COET, Shegaon
Venue	MGI-COET, Shegaon, Maharashtra
Duration	6 Days
Dates	27th July 2026 to 01st August 2026
Mode	Offline
Program Intended for	Students and Teachers
Specialization Area	Civil Engineering
Course Type	Special Course on Emerging Areas
Course Coordinators	Prof. Anuradha P. Modak and Prof. Shubhangi K. Raghuvanshi
Number of Participants	61

Objectives of the Training Program

1. To equip Civil Engineering students and teachers with practical and industry-oriented skills in structural analysis and design software.
2. To develop an understanding of structural modelling and analysis using STAAD Pro.
3. To introduce the fundamentals of ETABS and its application in structural analysis and design.
4. To develop analytical models of RCC and steel structures using modern structural engineering software.
5. To bridge the gap between theoretical concepts and practical application through hands-on training.
6. To enhance participants' confidence in modelling, analysis, design and interpretation of structural engineering results.

Program Details

The six-day STTP was organized by the Department of Civil Engineering, MGI-COET, Shegaon, with the objective of strengthening practical and industry-ready skills in structural analysis and design. The programme focused on structural analysis, STAAD Pro, ETABS fundamentals, design in ETABS and advanced applications.

The programme commenced with a welcome to the resource person, faculty members and participants. The coordinators briefed the participants about the objectives, significance and schedule of the training programme. Technical sessions were then conducted through demonstrations and practical exercises.

During the training, participants were introduced to structural modelling, analysis procedures, software workflows and interpretation of analytical results. The sessions emphasized practical application of software tools for RCC and steel structures.

Course Coverage

Topic	Duration (Hours)	Subject Expert
Structural Analysis	6	Prof. Sumit Chore
STAAD Pro	6	Prof. Sumit Chore
ETABS Fundamentals	6	Prof. Sumit Chore
Design in ETABS	6	Prof. Sumit Chore
Advanced Applications	11	Prof. Sumit Chore

Day-wise / Session-wise Summary of Proceedings

Day / Date	Session / Topic	Key Activities	Learning Outcome
Day 1 – 27/07/2026	Structural Analysis	Introduction to structural analysis and software-based workflow.	Understanding of structural analysis concepts and modelling requirements.
Day 2 – 28/07/2026	STAAD Pro	Hands-on introduction to STAAD Pro and structural modelling.	Ability to create and analyze structural models using STAAD Pro.
Day 3 – 29/07/2026	STAAD Pro	Practical exercises and analysis of structural models.	Improved understanding of model preparation and analysis results.
Day 4 – 30/07/2026	ETABS Fundamentals	Introduction to ETABS interface, modelling and analysis workflow.	Understanding of ETABS-based structural modelling.
Day 5 – 31/07/2026	Design in ETABS	Hands-on design procedures for structural members.	Understanding of software-assisted structural design.
Day 6 – 01/08/2026	Advanced Applications & Valedictory	Advanced applications, discussion, feedback and valedictory session.	Consolidation of learning and practical application of software tools.

Resource Person

Prof. Sumit Chore, Assistant Professor, MGI-COET, Shegaon, served as the subject expert for the programme. His area of expertise is Civil Engineering, and the sessions were focused on practical software-based structural analysis and design.

Highlights of the STTP

- Hands-on exposure to STAAD Pro and ETABS software.
- Practical understanding of structural modelling and analysis.
- Application-oriented sessions on RCC and steel structures.
- Interactive demonstrations and guided practical exercises.
- Exposure to software-based structural design workflows.
- Emphasis on bridging theoretical knowledge with practical engineering applications.

Conclusion

The ISTE Approved Short Term Training Program on Hands-on Training of STAAD Pro & ETABS Software's provided an application-oriented platform for Civil Engineering students and teachers to strengthen their skills in structural analysis and design software. The programme emphasized practical modelling, analysis and design workflows and contributed towards enhancing participants' industry readiness and confidence in using modern structural engineering tools.

Pre-Test & Post-Test Analysis

A Pre-Test was conducted before the STTP on Hands on Training of STAAD Pro & ETABS to assess participants' existing knowledge. After the five-day programme, a Post-Test was conducted to evaluate learning improvement.

Parameter	Pre-Test	Post-Test
Total Participants	61	61
Average Score	50%	78%
Highest Score	56%	88%
Lowest Score	20%	69%
Participants Scoring Above 80%	5	42

Analysis

- Participants showed substantial improvement in Structural Design concepts.
- Hands-on STAAD Pro & ETABS sessions enhanced simulation skills.
- Confidence in simulation setup and result interpretation improved.
- Post-test results confirm achievement of learning objectives and programme outcomes.

Feedback

Participants expressed **high satisfaction with the quality of the technical sessions and the depth of content covered**. They particularly appreciated the hands-on practical sessions on **STAAD.Pro and ETABS**, which enabled them to apply theoretical concepts to structural modelling, analysis, and design. The interactive demonstrations and practical exercises helped participants improve their understanding and confidence in using structural analysis software. Overall, the feedback indicated that the training programme was a **valuable and effective learning experience**, and participants found it beneficial for their **academic work, research activities, projects, and future professional applications**.

Civil Engineering Participants – Attendance Documentation



A.Y. : 2026-2027

Branch: Civil Engineering

Dates: 27/07/2026, 28/07/2026, 29/07/2026, 30/07/2026, 31/07/2026, 01/08/2026, 03/08/2026

Sr. No.	Student Name	Student Sign					
		10am-1pm	2pm-5pm	10am-1pm	2pm-5pm	10am-1pm	2pm-5pm
1	Vinayak Dhande	Vandk	Dhande	Vandk	Dhande	Vinayak	Dhande
2							
3	Yash Raut	Yash	Raut	Yash	Raut	Yash	Raut
4							
5	Pasthumelkar	Kar	Pasthu	Kar	Pasthu	Kar	Pasthu
6	Jagan Chohan	Jagan	Chohan	Jagan	Chohan	Jagan	Chohan
7	Shreehari Singh	Singh	Shreehar	Singh	Shreehar	Singh	Shreehar
8	Vaibhav Raut	Vaibh	Raut	Vaibh	Raut	Vaibh	Raut
9	Bhishan chaudhari	Bhish	Chaudo	Bhish	Chaudo	Bhish	Chaudo
10	Shreeshant Rathod	Shresh	Rathod	Shresh	Rathod	Shresh	Rathod
11	Darshan Bame	Darsha	Bame	Darsha	Bame	Darsha	Bame
12	Darshan Asalkar	Darsha	Asalkar	Darsha	Asalkar	Darsha	Asalkar
13	Darshan Kesharkhan	Darsha	Keshark	Darsha	Keshark	Darsha	Keshark
14	Kartik J. Tayde	Kartik	Tayde	Kartik	Tayde	Kartik	Tayde
15							
16	Omkar A. Burange	Omkar	Burange	Omkar	Burange	Omkar	Burange
17	Harsh N Borhade	Harsh	Borhade	Harsh	Borhade	Harsh	Borhade
18	Pragati S. Manekar	Pragati	Manekar	Pragati	Manekar	Pragati	Manekar
19	Ashwini M. Khatorokar	Ashwin	Khatoroka	Ashwin	Khatoroka	Ashwin	Khatoroka
20	Vaishnavi Dakshakar	Vaishna	Dakshaka	Vaishna	Dakshaka	Vaishna	Dakshaka
21	Aastha P. Shirsole	Aastha	Shirsole	Aastha	Shirsole	Aastha	Shirsole
22	Sakshi P. Madivale	Sakshi	Madivale	Sakshi	Madivale	Sakshi	Madivale
23	Sanika R. Dugane	Sanika	Dugane	Sanika	Dugane	Sanika	Dugane
24	Sheena R. Nasu	Sheena	Nasu	Sheena	Nasu	Sheena	Nasu
25	Vaishnavi Nakare	Vaishna	Nakare	Vaishna	Nakare	Vaishna	Nakare
26	Rohani S. Sarap	Rohani	Sarap	Rohani	Sarap	Rohani	Sarap
27	Vaishnavi Thole	Vaishna	Thole	Vaishna	Thole	Vaishna	Thole
28	Sakshi Anakra	Sakshi	Anakra	Sakshi	Anakra	Sakshi	Anakra
29	Ungali Mhatetmate	Ungali	Mhatetma	Ungali	Mhatetma	Ungali	Mhatetma

30	Veelika S. Tumale	Yumale	Yumale	Yumale	Yumale	Yumale	Yumale
31	Disha R. Dhawale	Dhawale	Dhawale	Dhawale	Dhawale	Dhawale	Dhawale
32	Tejas G. Thakur	Thakur	Thakur	Thakur	Thakur	Thakur	Thakur
33	Anantashree N. Santake	Santake	Santake	Santake	Santake	Santake	Santake
34	Ruchika Metkar	Metkar	Metkar	Metkar	Metkar	Metkar	Metkar
35	Sanika Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh
36	Shivani Pachpor	Pachpor	Pachpor	Pachpor	Pachpor	Pachpor	Pachpor
37	Yash R. Bajare	Bajare	Bajare	Bajare	Bajare	Bajare	Bajare
38	Tushar M. Ghambare	Ghambare	Ghambare	Ghambare	Ghambare	Ghambare	Ghambare
39	Samiksha Surange	Surange	Surange	Surange	Surange	Surange	Surange
40	Shweta Shelke	Shelke	Shelke	Shelke	Shelke	Shelke	Shelke
41	Rutika Zambare	Zambare	Zambare	Zambare	Zambare	Zambare	Zambare
42	Khushi Sattiwale	K.Sattiwale	K.Sattiwale	K.Sattiwale	K.Sattiwale	K.Sattiwale	K.Sattiwale
43	Vaishali Popaynare	Popaynare	Popaynare	Popaynare	Popaynare	Popaynare	Popaynare
44	Vitthal A. Bichare	Bichare	Bichare	Bichare	Bichare	Bichare	Bichare
45	Vedika N. Deshpande	Deshpande	Deshpande	Deshpande	Deshpande	Deshpande	Deshpande
46	Meet R. Shah	Shah	Shah	Shah	Shah	Shah	Shah
47	Syavraditya Joshi	Joshi	Joshi	Joshi	Joshi	Joshi	Joshi
48							
49	Ajay S. Sangle	Sangle	Sangle	Sangle	Sangle	Sangle	Sangle
50	Sakshi Bhalekar	Bhalekar	Bhalekar	Bhalekar	Bhalekar	Bhalekar	Bhalekar
51	Sukani Kankhade	Kankhade	Kankhade	Kankhade	Kankhade	Kankhade	Kankhade
52	Sharayu Pothale	Pothale	Pothale	Pothale	Pothale	Pothale	Pothale
53	Md. Noman Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh
54	Shivam Mhasale	Mhasale	Mhasale	Mhasale	Mhasale	Mhasale	Mhasale
55	Anand Wagh	Wagh	Wagh	Wagh	Wagh	Wagh	Wagh
56	Hrushikesh Bhambale	Bhambale	Bhambale	Bhambale	Bhambale	Bhambale	Bhambale
57	Gauri Minge	Minge	Minge	Minge	Minge	Minge	Minge
58	Rutuja Wale	Wale	Wale	Wale	Wale	Wale	Wale
59	Poojana Pali	Pali	Pali	Pali	Pali	Pali	Pali
60	Ajay Kuvale	Kuvale	Kuvale	Kuvale	Kuvale	Kuvale	Kuvale
61	Vijay R. Agre	Agre	Agre	Agre	Agre	Agre	Agre
62							
63							
64							
65							



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Mauli Group of Institution's,
College of Engineering & Technology, Shergaon

Training and Placement Cell

A.Y. : 2026-2027

"Technical Software (STAAD PRO) Training" for Final Year Students

Trainer Name:- Mr. Saurabh Navale

Venue - Project Lab

Branch: Civil Engineering

Attendance Sheet

Sr. No.	Student	Student Sign					
		Dates: 27/07/2026, 28/07/2026, 29/07/2026, 30/07/2026, 31/07/2026, 01/08/2026, 03/08/2026					
		10am-1pm	2pm-5pm	10am-1pm	2pm-5pm	10am-1pm	2pm-5pm
1	Sshoeda Sherke	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2	Pragati S. Mankar	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3	Ashwini Khatavkar	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4	Rudhika Metkar	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
5	Sanika Deshmukh	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
6	Vaibhav Raut	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
7	Aastha Ghisole	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8	Harsh Birsakhod	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
9	Sakshi Madisale	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
10	Dorshan Pathe	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
11	Tagan Chauhan	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
12	Pooja Dhawale	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
13	Vaishali Popatkar	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
14	Rutuja Wankar	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
15	Rutika Zambate	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
16	Khushi Sathurke	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
17	Gomiksha Shewange	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
18	Vaishnavi Dhale	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
19	Shreya Narsu	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
20	Vaishnavi Varkhede	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
21	Shreyas Panchale	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
22	Gauri Minge	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
23	Vaishnavi Nagarkar	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
24	Dhanashree Dandekar	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
25	Pooja Patil	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
26	Hrushikesh Bramhan	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
27	Ajay Kulkarni	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
28	Vitthal Bichare	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
29	Roshani Saraf	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

Sr. No.	Student Name	Student Sign					
		10am-1pm	2pm-5pm	10am-1pm	2pm-5pm	10am-1pm	2pm-5pm
30	Sonika R. Dugane						
31	Sakshi Anandkar						
32	Tyasa G. Thakre						
33	Anand S. Wagh						
34	Kartik J. Tayde						
35	MD. Noman Deshmukh						
36	Sakshi S. Anandkar						
37	Vedika S. Jumarale						
38	Tushar M. Bhamare						
39	Shivani Pachpor						
40	Ujjwala Mahajan						
41	Darshan Keshavnagar						
42	Aadish D. Rawankar						
43	Shrikant V. Rathod						
44	Vivek A. Minge						
45	Prathamesh Kankar						
46	Darshan Asolkar						
47	Omkar Bhanage						
48	Sunani Kankar						
49	Bhushan A. Chaudhari						
50	Shubhangi B. Pawar						
51	Yash R. Bajare						
52	Shivam Mhasd						
53	Shubhangi B. Pawar						
54	Meet Shah						
55	Siddhant J. Desai						
56							
57							
58							
59							
60							

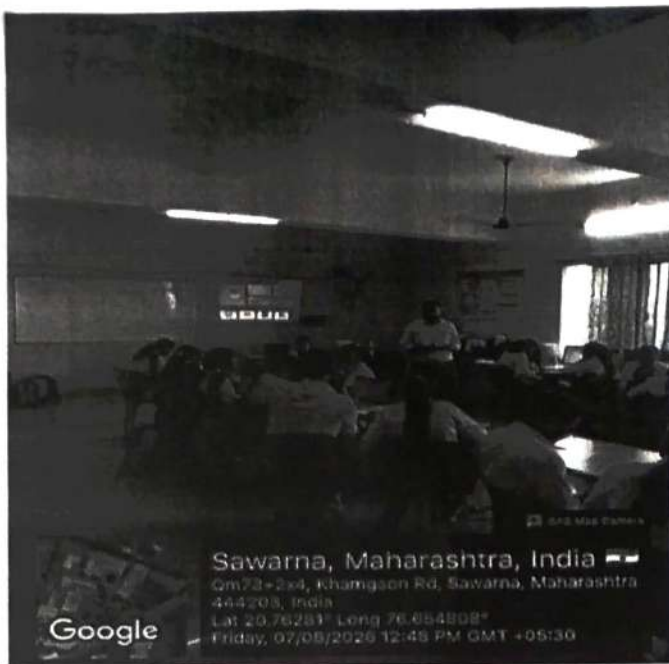


Photo Gallery


Prof.A.P.Modak
ISTE Coordinator


Dr.M.S.Khedkar
HOD, Civil



Indian Society for Technical Education

Shaheed Jeet Singh Marg, Near Katwaria Sarai, New Delhi – 110016

Name and Address of Host Institution

Name: M. G. OF INSTITUTION'S COLLEGE OF ENGG. & TECH

Email: rahul4ingle@gmail.com

Phone: 9730752607

Website: -

Address: KHAMGAON ROADSHEGAON-

City: DIST. BULDHANA

State: MAHARASHTRA

Pincode: 444203

Incharge Details

First Name: Dr. S. R

Last Name: Paraskar

Email: principal@maulicoet.org

Phone: 9422920644

Designation: Professor

Program Details (HANDS-ON TRAINING ON PYTHON TO SOLVE COMPLEX PROBLEM)

Program intended for: Student and Teachers

Specialization Area: Computer Science

Course Type: Special course on Emerging areas

Proposal Category: Industry-based programmes with substantial involvement of industry and its experts

Program Duration: One week

Proposed Program Start Date: 2026-07-27

Proposed Program End Date: 2026-08-01

Having enough expertise within your institute and neighboring places: Yes

Course Coordinator Details

Field	Coordinator 1	Coordinator 2
Name	Swati Yadgire	Abhay Bharane
Email	swatiyadgire23@gmail.com	bharaneabhay23@gmail.com
Phone	9834467206	9689755835
Telephone	09970939431	09689755835
Address	KHAMGAON ROADSHEGAON-	KHAMGAON ROADSHEGAON-
Designation	Assistant Professor	Assistant Professor
Highest Qualification	M E	B.E
Area of Specialization	Computer Engineering	Computer Engineering
Teaching Experience	6	1
Industry Experience	-	-
Papers Published	15	1
Short-Term Course Attended	13	-
Short-Term Course Conducted	1	-

Course Details

Significance and Objectives: To Understand structural conventions of python, To Explore Advanced Libraries

Course Content/Coverage

Topic	Duration	Subject Expert
Python Control	10	Dr A S Manekar
Structures Strings	8	Dr A S Manekar
Modular Programming	8	Dr A S Manekar
OOP and File	8	Dr A S Manekar
Data Analytics	2	Dr A S Manekar

Course Schedule

Total Days	Lectures	Practicals	Visits	Others	Total Hours
6	8	24	2	1	35

Details of Equipment or Laboratory Facilities: Computer

Collaboration with Regulating Authority / Department

Expert Name	Organisation	Nature of Collaboration	Area of Expertise
Dr A S Manekar	MGICOET Shegaon	Teaching	Computer Engineering

Details of Course Faculty

Name	Designation	Institute	Highest Qualification	Specialization
Dr A S Manekar	Professor	MGICOET Shegaon	PhD	Computer Engineering

Audio Visuals and Mode of Course

Audio Visuals: Smart Classroom, LCD Projector

Mode of Course: Offline

Institute Membership and Chapter Details

IM Certificate Number: 2194

Chapter Certificate Number: MAH 204

Does your institution have an ISTE Faculty Chapter: Yes

Certified By Coordinator

Name: Dr Rahul Ingle

Place: SHEGAON

Date: 20 Jul 2026

Certified By Principal

Name: Dr S R Paraskar

Place: SHEGAON

Date: 20 Jul 2026