

Department of Civil Engineering

Academic Year:- 2023-24

Add on Course:- SketchUp





Reg.No.MH/4775/ (Satara) Est.:27/06/1996

DTE Code : EN 6466
University Code : 6466
MSBTE Code : 1215

SHREE SANTKRUPA SHIKSHAN SANSTHA'S
SHREE SANTKRUPA INSTITUTE OF ENGINEERING & TECHNOLOGY
Approved by AICTE New Delhi, DTE Mumbai & Affiliated to DBATU, Lonere and MSBTE, Mumbai

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HON. DR. USHA A. JOHARI

SECRETARY
HON. MR. PRASUN A. JOHARI

PRINCIPAL
DR. SWANAND B. KULKARNI

SketchUp Training Notice

Date:-15/02/2024

Academic Year :2023-24

To: Students

Name Of The Event:- SketchUp


Date Of Training:-23/02/24 to 29/04/24

Time: 02:30 pm to 4:30 pm.


Dear Students

All the Third year students Of Civil engineering Department are here by informed that we have Organize SketchUp Training program and will Be Held Between 23/02/24 to 29/04/24. We request all the Students to join this training program and get knowledge about SketchUp . This Program is Free Of Cost & is Compulsory to All the Students of Third year also this Training includes Participation Certificate.

For Any Query or Further Information contact to Head Of Department.


(Pawar. S-P)
Name & Sign Of Co-ordinator




Principal
Principal
Shree Santkrupa Institute of Engg. & Tech.
Ghogaon, Tal. Karad, Dist. Satara





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HON. MR. PRASUN A. JOHARI

PRINCIPAL
DR. SWANAND B. KULKARNI

Date:- 20/02/2024

To,
Mr. Pawar S.P.

Subject: Request to Organize an Add on Course on SketchUp

Respected Sir,

I am writing to cordially invite you to organize an Add on Course on SketchUp for the Third year Civil Engineering students at our Institute. We greatly admire your expertise and experience in the field, and we believe that your contribution would greatly benefit our students.

At SSIET Ghogaon, we emphasize providing our students with a comprehensive and practical education that equips them with the necessary skills for their professional careers. In light of this, we would like to offer an opportunity for our Civil Engineering students to enhance their knowledge and proficiency in SketchUp, a widely-used Platform in the industry. We believe that your expertise and practical insights would be invaluable in guiding our students through the intricacies of this software and its applications in Civil Engineering.

We propose the following details for the course:

Course Title: Addon Course on SketchUp.

Duration: [2 Months , 32 Hours]

Preferred Time: [02:30 pm to 4:30 pm]

Location: Computer Lab.

We kindly request you to share your availability and willingness to conduct this course during this even semester. If the proposed dates are not feasible for you, we are open to adjusting the schedule to accommodate your availability. Additionally, we would appreciate if you could provide us with an outline of the topics you plan to cover, any prerequisites for the course, and any specific requirements in terms of software and resources.

Please let us know at your earliest convenience if you are able to accept our invitation and conduct the Addon Course SketchUp. We eagerly look forward to your positive response.

Ghogaon, Tal: Karad, Dist: Satara, Pin: 415111 (Maharashtra), Ph. (02164)257309, 257050
Website: www.sietghogaon.org Email: ssietdegree@gmail.com, 1215principal@msbte.com



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PRINCIPAL
DR. SWANAND B. KULKARNI

Thank you, and we sincerely hope to collaborate with you to provide our students with a valuable learning opportunity.


H.O.D.
Head
Dept. of Civil Engg.
S.S.I.E.T. Ghogaon




Principal
Principal
Shree Santkrupa Institute of Engg. & Tech.
Ghogaon, Tal. Karad, Dist. Satara





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SECRETARY
HON. MR. PRASUN A. JOHARI

PRINCIPAL
DR. SWANAND B. KULKARNI

Date:- 29/04/2024

To,

Mr. Pawar S.P

Subject: Appreciation for Organizing the Addon Course on SketchUp.

Respected Sir,

As per above mentioned subject, on behalf of SSIET Ghogaon and Civil department, I would like to express my deepest gratitude for organizing the Addon Course on 'SketchUp' for our Third Year Civil Engineering students. Your expertise and dedication have made a significant impact on their learning experience.

The course you conducted was nothing short of exceptional, and we are truly grateful for the knowledge and practical insights you shared with our students. Your comprehensive coverage of SketchUp coupled with the hands-on training, has undoubtedly enhanced their understanding and proficiency in this essential software.

Your commitment to guiding our students through the intricacies of SketchUp has been commendable. You displayed a remarkable ability to engage and inspire the students, making the learning process both enjoyable and insightful. Your willingness to address their questions and concerns has further contributed to their growth and development.

We have received overwhelmingly positive feedback from the participants, who have expressed their gratitude for your invaluable contribution to their education. Your course has equipped them with crucial skills that will undoubtedly benefit them in their future careers as Civil Engineers.

On behalf of the entire SSIET community, I extend our heartfelt appreciation for your time, effort, and expertise in organizing this Addon Course. Your dedication to education and willingness to share your knowledge have made a lasting impact on our students, preparing them for the challenges of the professional world.

We hope that we will have the opportunity to collaborate with you in the future and continue to

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DR. SWANAND B. KULKARNI

provide our students with valuable learning experiences. Your presence and expertise have been truly inspiring, and we look forward to the possibility of working together again.

Once again, thank you for your commitment and exceptional contribution to the Add on Course on SketchUp. Your passion for education and your commitment to shaping the future generation of Civil engineers are truly commendable.

With sincerest appreciation and warm regards,


H.O.D
Head
Dept. of Civil Engg.
S.S.I.E.T. Ghogaon




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Syllabus of SketchUp

- SketchUp for Web: requirements
- SketchUp Pro: Hardware and software requirements
- Welcome screen and templates
- Interface overview: how to navigate: title bar, menu bar, getting started toolbar, drawing area, status bar, measurements box, default panels.
- Panels menus and tools overview: How to use SketchUp tools
- (Quick Reference Card) Setting up tools panels and preferences
- Saving and reopening a model (Backing up)

Quickstart: Creating 3D Elements

- Drawing shapes
- Adding volume
- Moving elements
- Transforming elements
- Adding textures and colours
- Navigation with tools keys and mouse
- Orbit, zoom, pan
- Saving and exporting

Core concepts 1

- Select elements
- Modifiers keys
- Working with axis
- Managing units of measurements (sets units and precision in the model info window.)
- Camers
- Standard views
- Perspectives
- Walk
- Look around
- Field of view
- Zoom Extends
- Positions

Creating a 3D Model (Drawings Lines, shapes and 3D Objects)

- Inference types and engine
- Drawing lines
- Creating and Dividing faces
- Working with edges
- Healing deleted faces
- Finding and Locking inference
- Liner inferencing toggle
- Locking inferences with the keyboard
- Ensuring edges are aligned to axes



- Model and entity info

Working with shapes

- Drawing a rectangle, square, circle, ellipse, polygon and shapes.
- View styles for edges and faces
- Selecting
- Editing shapes
- Adjusting the drawing axes
- Pushing and pulling shapes
- Drawing arcs
- Drawing free hand shapes
- Measurement tools
- Measuring angles and distances to model precisely
- Dividing, splitting and exploding lines and faces
- Sticky modifiers
- Flipping , mirroring, rotating and array
- Scaling and slicing models
- Using the follow me tools
- Softening, smoothing and hiding geometry
- Offsetting a line from existing geometry

Working with solid tools

- Applying colours, photos , materials and textures.
- References Images
- Match photo
- Grouping
- Components
- Layers
- Outline: Working with Hierarchies
- Working with Text
- Fonts
- 3D text Layers

Core Concepts 2

- Exporting & Rendering
- Cast realistic shadows
- Location and times of day
- View the models in Google Earth
- Watermarking a model
- SU podium photorealistic rendering
- Sandbox Tools
- Modeling terrain
- Geolocated terrain
- Importing
- Creating Terrain
- Sculpting
- Placing models and objects

Warehouse

- 3D warehouses
- Searching for models



- Category, properties and filters
- Extensions warehouse
- Extension manager





Shree Santkrupa Shikshan Sanstha's
Shree Santkrupa Institute of Engineering and Technology
 Ghogaon (Shivajinagar), Tal-karad, Dist-Satara

TIME TABLE

Academic Year: 2023-24

Branch: Civil Engineering

Semesters: VI

Total Hr: 32-Hrs, 4Hrs/Week

Year:- Third Year.

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
09:45 am to 10:45 am						
10:45 am to 11:45 am						
11:45 pm to 12:30 pm	LUNCH BREAK					
12:30 pm to 01:25 pm						
01:25 pm to 02:20 pm						
02:20 pm to 02:30 pm	TEA BREAK					
02:30 pm To 04:30 pm	SketchUp				SketchUp	

Time Table I/C

H.O.D
 Head
 Dept. of Civil Engg
 S.S.E.T. Ghogaon



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 Shree Santkrupa Institute of Engg. & Tech.
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HON. MR. PRASUN A. JOHARI

PRINCIPAL
DR. SWANAND B. KULKARNI

Academic Year :2023-24

Date:- 23/02/24

Name of Course:-Sketch Up

Sr.No	Name Of Participant	Signature
1	Patil Harsharaj Milind	
2	Dhotare Satish Suresh	
3	Kamble Sayali Vikas	
4	Pawar Shubham Hanmant	
5	Shinde Jitesh Bapurao	
6	Sonawale Kanchan Shamrao	



(Pawar. S.P.)
Name & sign of co-ordinator





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PRINCIPAL
DR. SWANAND B. KULKARNI

Academic Year :2023-24

Date:- 26/02/24

Name of Course:-Sketch Up

Sr.No	Name Of Participant	Signature
1	Patil Harsharaj Milind	
2	Dhotare Satish Suresh	
3	Kamble Sayali Vikas	
4	Pawar Shubham Hanmant	
5	Shinde Jitesh Bapurao	
6	Sonawale Kanchan Shamrao	



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PRINCIPAL
DR. SWANAND B. KULKARNI

Academic Year :2023-24

Date:- 01/03/24

Name of Course:-Sketch Up

Sr.No	Name Of Participant	Signature
1	Patil Harsharaj Milind	Patil H
2	Dhotare Satish Suresh	Satish D
3	Kamble Sayali Vikas	Sayali K
4	Pawar Shubham Hanmant	Shubham P
5	Shinde Jitesh Bapurao	Jitesh S
6	Sonawale Kanchan Shamrao	Kanchan S.



Swanand B. Kulkarni
(Pawar's P)
Name & sign of co-ordinator





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DR. SWANAND B. KULKARNI

Academic Year :2023-24

Date:- 04/03/24

Name of Course:-Sketch Up

Sr.No	Name Of Participant	Signature
1	Patil Harsharaj Milind	<i>Patil H.</i>
2	Dhotare Satish Suresh	<i>(S.Dhotare)</i>
3	Kamble Sayali Vikas	<i>Sayali K.</i>
4	Pawar Shubham Hanmant	<i>Shubham P.</i>
5	Shinde Jitesh Bapurao	<i>Jitesh S.</i>
6	Sonawale Kanchan Shamrao	<i>(Kanchan S.)</i>



S. Pawar
(Pawar. S.P.)
Name & sign of co-ordinator





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PRINCIPAL
DR. SWANAND B. KULKARNI

Academic Year :2023-24

Date:- 11/03/24

Name of Course:-Sketch Up

Sr.No	Name Of Participant	Signature
1	Patil Harsharaj Milind	
2	Dhotare Satish Suresh	
3	Kamble Sayali Vikas	
4	Pawar Shubham Hanmant	
5	Shinde Jitesh Bapurao	
6	Sonawale Kanchan Shamrao	



(Pawar S.P.)
Name & sign of co-ordinator





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DR. SWANAND B. KULKARNI

Academic Year :2023-24

Date:- 15/03/24

Name of Course:-Sketch Up

Sr.No	Name Of Participant	Signature
1	Patil Harsharaj Milind	Patil. H
2	Dhotare Satish Suresh	Sphote
3	Kamble Sayali Vikas	Sayali
4	Pawar Shubham Hanmant	Shubham
5	Shinde Jitesh Bapurao	Jitesh
6	Sonawale Kanchan Shamrao	Panchan



Swanand
(Pawar. S.P.)
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PRINCIPAL
DR. SWANAND B. KULKARNI

Academic Year :2023-24

Date:- 18/03/24

Name of Course:-Sketch Up

Sr.No	Name Of Participant	Signature
1	Patil Harsharaj Milind	Patil H
2	Dhotare Satish Suresh	S Dhotare
3	Kamble Sayali Vikas	Sayali K
4	Pawar Shubham Hanmant	Shubham P
5	Shinde Jitesh Bapurao	Jitesh
6	Sonawale Kanchan Shamrao	Kanchan



Swanand B. Kulkarni
(Pawar. S-P)

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PRINCIPAL
DR. SWANAND B. KULKARNI

Academic Year :2023-24

Date:- 22/03/24

Name of Course:-Sketch Up

Sr.No	Name Of Participant	Signature
1	Patil Harsharaj Milind	Patil H.
2	Dhotare Satish Suresh	S. Dhotare
3	Kamble Sayali Vikas	Sayali K.
4	Pawar Shubham Hanmant	Shubham P.
5	Shinde Jitesh Bapurao	Jitesh S.
6	Sonawale Kanchan Shamrao	Kanchan S.



(Signature)
(Pawar. S.P.)
Name & sign of co-ordinator





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Academic Year :2023-24

Date:- 01/04/24

Name of Course:-Sketch Up

Sr.No	Name Of Participant	Signature
1	Patil Harsharaj Milind	Patil.H
2	Dhotare Satish Suresh	S Dhotare
3	Kamble Sayali Vikas	Sayali.K
4	Pawar Shubham Hanmant	Shubham.P.
5	Shinde Jitesh Bapurao	Jitesh
6	Sonawale Kanchan Shamrao	Kanchan.



S.P.
(Pawar. S.P.)
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DR. SWANAND B. KULKARNI

Academic Year :2023-24

Date:- 08/04/24

Name of Course:-Sketch Up

Sr.No	Name Of Participant	Signature
1	Patil Harsharaj Milind	Patil.H
2	Dhotare Satish Suresh	Sdhotare
3	Kamble Sayali Vikas	Sayali.k.
4	Pawar Shubham Hanmant	Shubham P
5	Shinde Jitesh Bapurao	Jitesh
6	Sonawale Kanchan Shamrao	Kanchan



Swanand B. Kulkarni
(Pawar. S.P)
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Academic Year :2023-24

Date:- 12/04/24

Name of Course:-Sketch Up

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1	Patil Harsharaj Milind	Patil. H
2	Dhotare Satish Suresh	Sdhotare
3	Kamble Sayali Vikas	Sayali K
4	Pawar Shubham Hanmant	Shubham P
5	Shinde Jitesh Bapurao	Jitesh S
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1	Patil Harsharaj Milind	Patil.H
2	Dhotare Satish Suresh	S.Dhotare.
3	Kamble Sayali Vikas	Sayali.V
4	Pawar Shubham Hanmant	Shubham.P
5	Shinde Jitesh Bapurao	Jitesh.
6	Sonawale Kanchan Shamrao	Kanchan.



Suresh
(Pawar. S.P)

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Academic Year :2023-24

Date:- 19/04/24

Name of Course:-Sketch Up

Sr.No	Name Of Participant	Signature
1	Patil Harsharaj Milind	Patil.H
2	Dhotare Satish Suresh	S.Dhotare
3	Kamble Sayali Vikas	Sayali.K
4	Pawar Shubham Hanmant	Shubham.P.
5	Shinde Jitesh Bapurao	Jitesh S
6	Sonawale Kanchan Shamrao	Kanchan



S. Pawar
(Pawar. S.P.)
Name & sign of co-ordinator





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Date:- 22/04/24

Name of Course:-Sketch Up

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2	Dhotare Satish Suresh	Sdhotare
3	Kamble Sayali Vikas	Sayali .k
4	Pawar Shubham Hanmant	Shubham
5	Shinde Jitesh Bapurao	Jitesh
6	Sonawale Kanchan Shamrao	(Kanchan. S.



Swanand B. Kulkarni
(Pawar. S.P)
Name & sign of co-ordinator





Reg.No.MH/4775/ (Satara) Est.:27/06/1996

DTE Code : EN 6466
University Code : 6466
MSBTE Code : 1215

SHREE SANTKRUPA SHIKSHAN SANSTHA'S

SHREE SANTKRUPA INSTITUTE OF ENGINEERING & TECHNOLOGY
Approved by AICTE New Delhi, DTE Mumbai & Affiliated to DBATU, Lonere and MSBTE, Mumbai

PRESIDENT
HON. DR. USHA A. JOHARI

SECRETARY
HON. MR. PRASUN A. JOHARI

PRINCIPAL
DR. SWANAND B. KULKARNI

Academic Year :2023-24

Date:- 26/04/24

Name of Course:-Sketch Up

Sr.No	Name Of Participant	Signature
1	Patil Harsharaj Milind	Patil...
2	Dhotare Satish Suresh	S Dhotare
3	Kamble Sayali Vikas	Sayali-k
4	Pawar Shubham Hanmant	Shubham
5	Shinde Jitesh Bapurao	Jitesh
6	Sonawale Kanchan Shamrao	Kanchan



(Signature)
(Pawar. S.P.)
Name & sign of co-ordinator





Reg.No.MH/4775/ (Satara) Est.:27/06/1996

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PRINCIPAL
DR. SWANAND B. KULKARNI

Academic Year :2023-24

Date:- 29/04/24

Name of Course:-Sketch Up

Sr.No	Name Of Participant	Signature
1	Patil Harsharaj Milind	Patil. H.
2	Dhotare Satish Suresh	Dhotare S.
3	Kamble Sayali Vikas	Sayali K.
4	Pawar Shubham Hanmant	Shubham H.
5	Shinde Jitesh Bapurao	Jitesh S.
6	Sonawale Kanchan Shamrao	Kanchan S.



[Signature]
(Pawar. S.P.)
Name & sign of co-ordinator



Shree SantkrupaShikshanSanstha's
Shree Santkrupa Institute of Engineering & Technology
(B-Tech) ,Ghogaon, Tal-Karad, Dist-Satara

Add-on Course Report

Name of the Expert: Mr. S.P.Pawar

Designation: Teacher: Assistant Professor

Name of the Industry: Education

Educational Details: M.E. Civil

Industrial Experience: 7+

Date of Addon Course:- 23/02/24 to 29/04/24

Time of Addon Course:- 02:30 pm to 04:30 pm.

Add-on Course On: SketchUp

Topic Covered in Lecture:

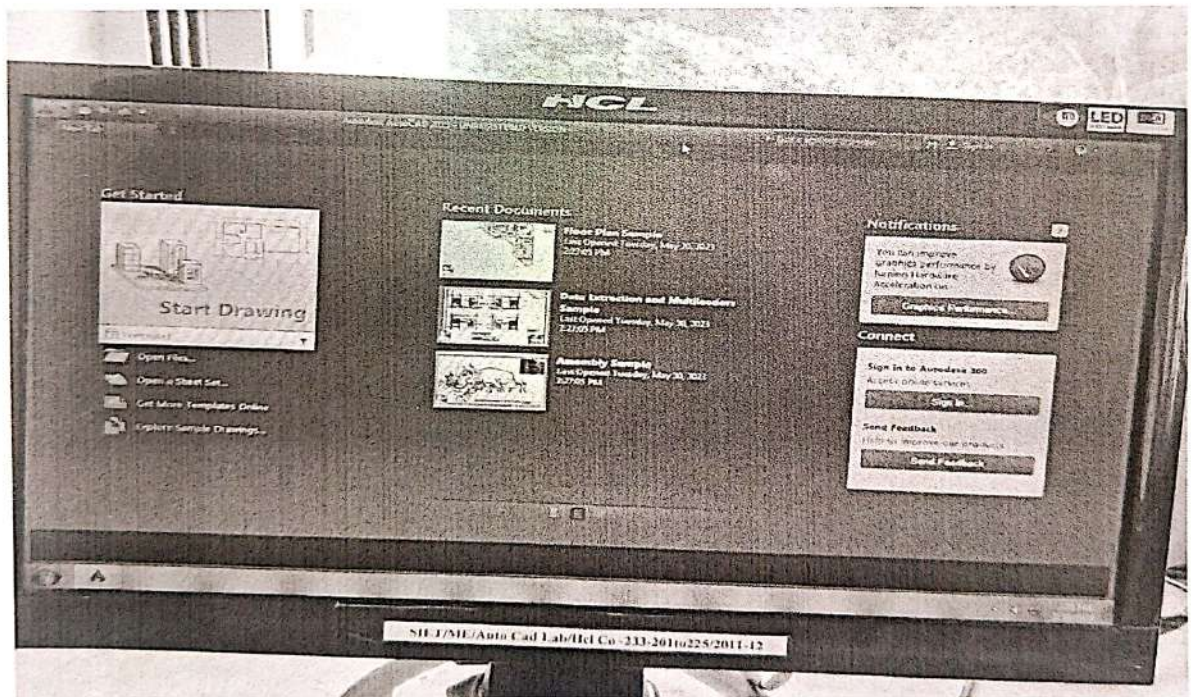
- Introduction
- Creating 3D elements
- Working with solid tools
- Working with text
- Ware houses

Total no of Participants:- 06





Add On Course on Sketch Up-Pic. 01



Add On Course on SketchUp -Pic 02

S. P. Singh
(PaDon. S.P.)
Course coordinator



[Signature]
HOD
Head
Dept. of Civil Engg.
S.S.I.E.T. Ghogaon

CERTIFICATE

This is to certify that

PATIL HARSHARAJ MILIND

has successfully completed the SketchUp Training course program conducted
by Civil Engineering Department of SSIET, Ghogaon.



**Course Co-ordinator
SSIET**



**Head of Department
SSIET
Head
Dept. of Civil Engg.
S.S.I.E.T. Ghogaon**



**Principal
SSIET
Shree Sanikrupa Institute of Engg. & Tech.
Ghogaon, Tal. Karad, Dist. Solapur**

CERTIFICATE

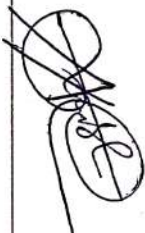
This is to certify that

DHOTARE SATISH SURESH

has successfully completed the SketchUp Training course program conducted
by Civil Engineering Department of SSLET, Ghogaon.



Course Co-ordinator
SSLET



Head of Department
SSLET
Head
Dept. of Civil Engg.
S.S.I.E.T. Ghogaon



Principal
SSLET
Shree Sanikrupa Institute of Engg. & Tech.
Ghogaon, Tal. Karad, Dist. Solara

CERTIFICATE

This is to certify that

KAMBLE SAYALI VIKAS

has successfully completed the SketchUp Training course program conducted
by Civil Engineering Department of SSLET, Chogaon.



Course Co-ordinator
SSLET



Head of Department
SSLET
Dept. of Civil Engg.
S.S.I.E.T. Ghogaon



Principal
SSLET
Shree Sankrupa Institute of Engg. & Tech.
Ghogaon, Tal. Karad, Dist. Solapur

CERTIFICATE

This is to certify that

PAWAR SHUBHAM HANMANT

has successfully completed the SketchUp Training course program conducted
by Civil Engineering Department of SSLET, Ghogaon.



Course Co-ordinator
SSLET



Head of Department
SSLET
Head
Dept. of Civil Engg.
S.S.I.E.T. Ghogaon



Principal
SSLET
Principal
Shree Sanikrupa Institute of Engg. & Tech.
Ghogaon, Tal. Karad, Dist. Solapur

CERTIFICATE

This is to certify that

SHINDE JITESH BAPURAO

has successfully completed the SketchUp Training course program conducted
by Civil Engineering Department of SIET, Chogaon.



Course Co-ordinator
SIET



Head of Department
SIET
Dept. of Civil Engg.
S.S.I.E.T. Ghogaon





Principal
SIET
Shree Santkrupa Institute of Engg. & Tech.
Ghogaon, Tal. Karad, Dist. Solapur

CERTIFICATE

This is to certify that

SONAWALE KANCHAN SHAMRAO

has successfully completed the SketchUp Training course program conducted
by Civil Engineering Department of SIET, Ghogaon.



Course Co-ordinator
SIET



Head of Department
SIET
Dept. of Civil Engg.
S.S.I.E.T. Ghogaon



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