

# **ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY**

Shobhavana Campus, Mijar – 574225, Moodbidri.  
Dakshina Kannada Karnataka, India.

## **DEPARTMENT OF CIVIL ENGINEERING**



**ALVA'S**  
Education Foundation®

### **A REPORT ON "SKETCH-UP"**

**2019-20**



**ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY**  
Shobhavana Campus, Mijar, Moodbidri, D.K - 574225  
**DEPARTMENT OF CIVIL ENGINEERING**

Date: 20/02/2020

**APPROVAL LETTER**


TO,  
The Principal  
AIET-Mijar, Moodbidri

Respected Sir,  
Sub: "Approval for organizing student certificate/Training program on SKETCH UP Software" Reg.

With reference to the above subject, the Department of Civil Engineering has planned to organize student certificate/Training program on SKETCH UP for 5- days from 02.03.2020 to 06.03.2020 for 3<sup>rd</sup>sem Civil Engineering students.

Kindly consider the request and approve for the same.

Thank You,

  
**Coordinator**  
**HOD**  
H.O.D.  
Dept. of Civil Engineering  
Alva's Institute of Engg. & Technology  
Mijar, Moodbidri - 574 225  
**Principal**  
PRINCIPAL  
Alva's Institute of Engg. & Technology  
Mijar, MOODBIDRI - 574 225, D.K



**ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY**  
Shobhavana Campus, Mijar, Moodbidri, D.K - 574225  
**DEPARTMENT OF CIVIL ENGINEERING**

Date: 24/02/2020

**Department Minutes of Meeting**

**Agenda: Conduction of certificate course for the academic year 2019-20**

The Department of Civil Engineering has planned to organize certificate course on SKETCH UP for the benefit of the students for the academic year 2019-20.

Details of course are as follows

1. The course shall be done by CAAD Center Moodbidri.
2. A certificate course on SKETCH UP is planned for present 3<sup>rd</sup> sem students
3. The course shall be planned for 5 days from 02.03.2020 to 06.03.2020 for about 30 to 40 hours.
4. Classes shall be taken from 9AM to 5 PM
5. Faculty coordinator will be Prof. Kavyashree S.
6. All the class co coordinator will circulate the circular.
7. Kind support from all the faculties is required for the smooth conduction of the program.

Signature of the Faculties:

**HOD**

H.O.D.  
Dept. of Civil Engineering  
Alva's Institute of Engg. & Technology  
Mijar, Moodbidri - 574 225

**PRINCIPAL**

PRINCIPAL  
Alva's Institute of Engg. & Technology,  
Mijar, MOODBIDRI - 574 225 D.K



**ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY**  
Shobhavana Campus, Mijar, Moodbidri, D.K - 574225  
**DEPARTMENT OF CIVIL ENGINEERING**

Date: 27/02/2020

**CIRCULAR**

**CERTIFICATION COURSE ON SKETCH-UP**

The following are the instructions to the registered students for certificate program for  
SKETCH-UP course

**Commencement of classes from:** 02/03/ 2020 TO 06/03/2020

**Course students:** III sem B.E. Civil Engineering students

**Venue:** CAD Lab, dept. of Civil Engineering

  
**Co-coordinator**

  
**HOD**  
H.O.D.  
Dept. of Civil Engineering  
Alva's Institute of Engg. & Technology  
Mijar, Moodbidri - 574 225

  
**PRINCIPAL**  
PRINCIPAL  
Alva's Institute of Engg. & Technology  
Mijar, Moodbidri - 574 225, D.K.



### ABOUT VTU, BELAGAVI

**Visvesvaraya Technological University** is a collegiate public state university in Karnataka State, India. It was established by the Government of Karnataka. The university is named after **M. Visvesvaraya** from Karnataka, the only engineer to be awarded a "**Bharat Ratna**", the highest civilian award in India. Jnana Sangama, Belagavi is the headquarters of VTU. Additionally, the university has three regional centers in Bangalore, Gulbarga and Mysore. VTU is one of the largest universities in India with 212 colleges affiliated to it with an intake capacity of over 467,100 undergraduate students and 12,666 postgraduate students. The university encompasses technical and management fields which offer 30 undergraduate and 71 postgraduate courses. It has around 1800 PhD candidates. VTU has 13 QIP centers and 17 extension centers in its affiliated colleges offering postgraduate courses. It has around 2,305 departments recognized as research centers which are spread across its affiliated institutions in cities of Karnataka.

### AIET, MOODBIDRI

**Alva's Education Foundation (AEF)** established in 1995 with the vision of our Chairman **Dr. M. Mohan Alva** has succeeded in making Moodbidri, an Educational hub in the South Canara Region, with more than 25000 students pursuing various courses ranging from primary school to post-graduate courses in social sciences, pure sciences, engineering and management. There are 21 institutions functioning under the Alva's Education Foundation.

Alva's Institute of Engineering and Technology, Moodbidri is a Premier Engineering Institute of Alva's Education Foundation, established in the year 2008. The college is certified to the ISO 9001: 2008 standards. The institute offers top quality education in five under graduate programs in Engineering- Computer Science, Civil, Electronics & Communications, Information Science, and Mechanical Engineering- Three Post Graduate programs- Master of Technology in Thermal Power Engineering, Computer Science & Engineering, VLSI Design Embedded System and Master of Business Administration.

### DEPARTMENT OF CIVIL ENGINEERING

Civil engineering is a professional engineering discipline that deals with the design, construction, and maintenance of the physical and naturally built environment, including public works such as roads, bridges, canals, dams, airports, sewerage systems, pipelines, structural components of buildings, and railways.

The Bachelor's degree in Civil Engineering in AIET was started in the academic year 2009 – 10 with an intake of 60 students. The department offers a full time B.E degree course in Civil Engineering. Our department organizes seminars, workshops & Industrial visits for the benefit of students and faculty which would bring exposure of the recent trend in civil engineering. Students involve in the consultancy projects obtained through various govt. and non-govt. agencies. The infrastructure available in the department facilitates students to develop their skill and knowledge within the framework of curriculum prescribed by the Visvesvaraya Technological University.

### ABOUT SKETCH UP COURSE

Google Sketch Up is a revolutionary tool that has ushered in an era where anybody with an idea can give it a 3D shape. Investing in mastering Sketch Up tool can be so valuable a decision as one can apply his or her Sketch Up skills wherever 3D communication makes sense. In particular, all creative, design arenas - especially architecture, interior and product designs, expect team members to have Sketch Up skills. Upon completion of the course, and depending on your professional background, you can apply for the jobs. The top employers of Sketch Up skills are design industries of all hues and colors - and many services and manufacturing sectors that have design function Sketch UP was created in 1999 by @Last Software. In 2006, Google acquired Sketch UP after @Last Software created a plug-in for Google Earth that caught the eye of the tech giant. In 2012, Trimble Navigation (now Trimble Inc.) acquired Sketch up from Google and expanded the app by launching a new website that hosts plug-in and extensions.

### COURSE CONTENT

1. Material study 1

### RESOURCE PERSON

Mr. Vinod Kumar, Regional Head  
Mr. Wiltan Arul Fernandes  
CADD Center Moodbidri

### PROGRAM SCHEDULE

#### Mar 02, 2020

Inauguration:	09:00 am to 09:30 am
Tea Break:	9:30 am to 9:45 am
Session 1:	9:45 am to 01:00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 2:	02:00 pm to 05:00 pm

#### Mar 03, 2020

Session 3:	09:30 am to 11:00 am
Lunch Break:	01:00 pm to 02:00 pm
Session 4:	02:00 pm to 05:00 pm

#### Mar 04, 2020

Session 5:	09:30 am to 11:00 am
Lunch Break:	01:00 pm to 02:00 pm
Session 6:	02:00 pm to 05:00 pm

#### Mar 05, 2020

Session 5:	09:30 am to 11:00 am
Lunch Break:	01:00 pm to 02:00 pm
Session 6:	02:00 pm to 05:00 pm

#### Mar 06, 2020

Session 5:	09:30 am to 11:00 am
Lunch Break:	01:00 pm to 02:00 pm
Session 6:	02:00 pm to 05:00 pm

**ALVA'S INSTITUTE OF ENGINEERING AND  
TECHNOLOGY, MOODBIDRI**

**DEPARTMENT OF CIVIL ENGINEERING**

Cordially invites you to the

**Inauguration of Certification Program**

On

**"SKETCH-UP"**

**Resource Person: Mr. Vinod Kumar, Regional Head  
Mr. Wiltan Arul Fernandes  
CADD Center Moodbidri**

**Guest of Honor: Mr. Vivek Alva**

Managing Trustee

**President: Dr. Peter Fernandes**

Principal, AIET, Moodbidri.

**Coordinator**

**Prof. Kavyashree S**

Assistant Professor

**Head of the Department**

**Dr. H Ajith Hebbar**

Associate Professor and Head



**CADD  
CENTRE**

**Venue: CADD Lab, Fifth Floor, AIET Civil Block @9.00AM**

- ❖ Invocation
- ❖ Welcome Speech
- ❖ Inauguration
- ❖ Presidential Speech
- ❖ Vote of Thanks



# ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri, D.K - 574225  
DEPARTMENT OF CIVIL ENGINEERING

LIST OF STUDENTS - SKETCH-UP CERTIFICATE COURSE		
SL NO	USN	NAME
1	4AL17CV026	KIRAN SAGAR K
2	4AL17CV050	PAVAN GOWDA K.C
3	4AL18CV002	ABHISHEK ANIL NAMBIAR
4	4AL18CV003	ABHISHEK POTADAR
5	4AL18CV004	AKARSH K
6	4AL18CV005	AKASH PATIL
7	4AL18CV006	AMOGHA H
8	4AL18CV007	ARADHYA V MATHAD
9	4AL18CV008	ARUN KAGALGOMB
10	4AL18CV009	ARUN KUMAR SHEKAPPA
11	4AL18CV010	ARVIN YUMNAM
12	4AL18CV011	BASANAGOUDA
13	4AL18CV012	CHANNABASAVA
14	4AL18CV013	DHANANJAY A N
15	4AL18CV015	KAVYA H P
16	4AL18CV016	KUSHANTH C
17	4AL18CV017	M SANJAY
18	4AL18CV018	MANJUNATH G Y
19	4AL18CV019	MOHAMMED AFREEN
20	4AL18CV022	MOHAMMED ZAINUDDIN
21	4AL18CV024	NAVEEN K S
22	4AL18CV025	NEHA N RATHOD
23	4AL18CV027	NITESH SEETARAM NAIK
24	4AL18CV031	RANJAN RAO
25	4AL18CV032	SAGOLSBEM SHERLOCK



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Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

## DEPARTMENT OF CIVIL ENGINEERING

26	4AL18CV033	SAIROCHANA P S
27	4AL18CV034	SAJJALASHRI V DEVAPUR
28	4AL18CV035	SANGEETA
29	4AL18CV036	SHEETAL P TALAKERI
30	4AL18CV037	SHILPA NAIK
31	4AL18CV038	SHIVAKUMAR
32	4AL18CV041	SHREEGANESH G R
33	4AL18CV043	SREERAM S
34	4AL18CV044	SAMUKCHAM NONGYENG
35	4AL18CV045	SUNIL
36	4AL18CV046	SUPREETH V
37	4AL18CV047	VINOD KUMAR LAISHRAM
38	4AL18CV049	YESHWANTH B A
39	4AL18CV050	KUMAR M R
40	4AL19CV400	AKASH SHETTY
41	4AL19CV401	ASRAR UL FAYAZ BHAT
42	4AL19CV402	FAIZANA ISHAQ
43	4AL19CV403	HARISH J.K.
44	4AL19CV404	HARISHA R.
45	4AL19CV405	HARSHAVARDHANA H
46	4AL19CV406	LOKESH S
47	4AL19CV407	MOHAMMED RAIHAN
48	4AL19CV408	MOHD SOHAIL
49	4AL19CV409	NAGABHUSHANA K R
50	4AL19CV410	NAVEEN M
51	4AL19CV411	P MANOJ PRABHAKAR
52	4AL19CV412	PRABHU D.P.





# ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

## DEPARTMENT OF CIVIL ENGINEERING

53	4AL19CV413	SUSHANTH J BUNGERA
54	4AL19CV414	SWATI
55	4AL19CV415	VINAY BASAVARAJ GUDIYAL

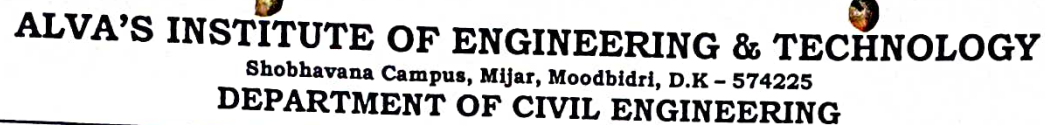
HOD

H.O.D.

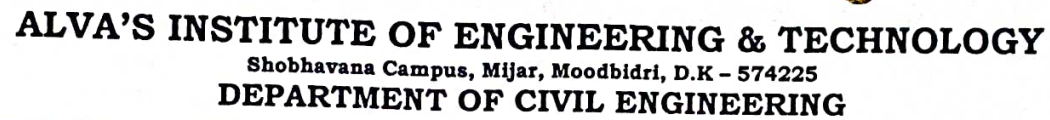
Dept. of Civil Engineering  
Alva's Institute of Engg. & Technology  
Mijar, Moodbidri - 574 225

**DEPARTMENT OF CIVIL ENGINEERING**

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**DEPARTMENT OF CIVIL ENGINEERING**

53	4AL19CV413	SUSHANTH J BUNGERA	P	P	P	P	P	P	P	P	P	P
54	4AL19CV414	SWATI	P	P	P	P	P	P	P	P	P	P
55	4AL19CV415	VINAY BASAVARAJ GUDIYAL	P	P	P	P	P	P	P	P	P	P

*Sushanth*

*Swathi*

*Vinay B*

*[Signature]*  
**Coordinator**

*[Signature]*  
**HOD**  
H.O.D.  
Dept. of Civil Engineering  
Alva's Institute of Engg. & Technology  
Mijar, Moodbidri - 574 225

# Questions - Certification course on SKETCH UP

from 2/03/2020 to 06/03/2020

\* Required

1. Name of the Student \*

2. Student USN

## Multiple Choice questions

3. What is Geo-Modeling? \*

*Mark only one oval.*

- ☐ 3D models of unusual geometry
- ☐ Modeling on contour lines with extreme elevations
- ☐ Making 3D models of real-life buildings that will appear in Google Earth
- ☐ All of these

4. What are the steps to performing a subtraction? \*

*Mark only one oval.*

- ☐ Left to Right selection> delete
- ☐ Subtract tool>select object 1 and then 2 with cursor
- ☐ Using the Section plane tool and selecting the objects
- ☐ None of these

5. .What tool is ideal for making spheres and curved surfaces? \*

*Mark only one oval.*

- ☐ Scale
- ☐ Offset
- ☐ Follow-me
- ☐ Push/Pull

6. Which of the following is a standard axis color? \*

*Mark only one oval.*

- ☐ Red
- ☐ Blue
- ☐ Green
- ☐ Only Red and Blue

7. How can the number of segments of a polygon be changed? \*

*Mark only one oval.*

- ☐ Context-click, and then click entity info
- ☐ On the Window menu, click Entity info
- ☐ Typing an "s" after any number in the measurements box
- ☐ All of these

8. .Which of the following are "Solid Tools" in SketchUp? \*

*Mark only one oval.*

- ☐ Split
- ☐ Union
- ☐ Outer Shell
- ☐ All of the above

9. What are the advantages of using Out liner? \*

*Mark only one oval.*

- ☐ Allows viewing of Group and Component hierarchies as a hierarchical tree
- ☐ Allows navigation through large models or restructure of the model hierarchy
- ☐ Helps locate instances of a particular component, or rename groups and components
- ☐ All of these

10. What is the purpose of the measurements toolbox? \*

*Mark only one oval.*

- ☐ To enter desired dimensions for any entity
- ☐ Displays dimensional information while drawing
- ☐ To manipulate dimension values of a selected entity
- ☐ All of these

11. What kind of files can be exported from SU? \*

*Mark only one oval.*

- ☐ 3D model
- ☐ 2D graphic
- ☐ Animation
- ☐ All of these

12. Which of these are resources that can provide help with SU? \*

*Mark only one oval.*

Video Playlist

- ☐ Sketchup Help Forum
- ☐ The help menu within SU
- ☐ All of these



13. What is the 3D Warehouse? \*

*Mark only one oval.*

- ☐ Desktop folder for saved models
- ☐ Building maker tool for Sketchup
- ☐ Sketchup headquarters in Colorado
- ☐ Online collection of 3D models and components

14. Why is it sometimes necessary to triangulate between edges across an area to get a surface? \*

*Mark only one oval.*

- ☐ Because SU didn't create a surface or skin
- ☐ because the face finder failed to create a surface
- ☐ because after creating many disjointed line segments, the surface was not created
- ☐ All of these

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*Coa*  
H.O.D.  
Dept. of Civil Engineering  
Alva's Institute of Engg. & Technology  
Milar, Moodbidri - 574 225

# Feedback form - Certification course on Sketch UP

from 2/03/2020 to 06/03/2020

\* Required

1. Student Name \*

2. Student USN

3. Level Of effort \*

Mark only one oval per row.

	Poor	Fair	Satisfactory	Very good	Excellent
level of Effort you put into the Course	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

4. Skill and Responsiveness of Trainer \*

Mark only one oval per row

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Trainer was an effective lecture/ demonstration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Presentation were Clear and organized	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
trainer stimulated student interest	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
trainer was available and helpful	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trainer was effectively used time during class periods	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

5. Course Coontent \*

Mark only one oval per row.


	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Learning Objective were Clear	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Course Content was Well organized and planned	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Course workload was Appropriate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Course content was industry oriented	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Course organized to allow all the students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

6. Any suggestions \*

7. How do you improve this course

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# ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri, D.K - 574225  
DEPARTMENT OF CIVIL ENGINEERING

## A BRIEF REPORT ON CONDUCTION OF CERTIFICATE COURSE FOR THE ACADEMIC YEAR 2019-20.

The Civil Engineering Department of Alva's Institute of Engineering & Technology, Mijar, organized a **Certificate course for the students**, from **02/03/2020** to **06/03/2020** on "**Sketch UP**" Software under the expertise of Mr. Wiltan Ar Fernandes and team from CADD Centre Moodbidri.

### Overview of Sketch UP

Google SketchUp is a revolutionary tool that has ushered in an era where anybody with an idea can give it a 3D shape. Investing in mastering SketchUp tool can be so valuable a decision as one can apply his or her SketchUp skills wherever 3D communication makes sense. In particular, all creative design arenas - especially architecture, interior and product designs, expect team members to have SketchUp skills. Upon completion of the course, and depending on your professional background, you can apply for the following jobs:

SketchUp Architect / Interior Designer

SketchUp Product Designer

SketchUp Designer

The top employers of SketchUp skills are design industries of all hues and colors - among many services and manufacturing sectors that have design function

Sketch UP was created in 1999 by @Last Software. In 2006, Google acquired Sketch UP after @Last Software created a plug-in for Google Earth that caught the eye of the tech giant. In 2012, Trimble Navigation (now Trimble Inc.) acquired Sketchup from Google and expanded the app by launching a new website that hosts plug-in and extensions.

### Syllabus of Sketch UP

Toolbars, Camera controls, Pan, Zoom, orbit, Basic tools, Rectangle, Circle, Select, pencil, push /pull, Groups, Components, Move, Rotate, Copy, Array, Polar array, Offset, Paint bucket, Modeling practice, Walls + floor, Windows

Doors, Frames, tables, Openings, Creating materials, Search online for materials, Create new material, Edit materials, Scale, Rotate, Edit, Modeling practice, Chairs, Shelves, Accessories, Warehouse, Download models, Edit models, Groups & components, Scale

Project 1: Interior Space - Bedroom

Room floor 20'x20', Walls 10'h, 8", 2 doorways 7'h,3'w, Window two 5'h,4'w or one 5'h,8'w Object placement, Locking to axis, Reference points, Section plane, Sections, Elevations, Floor plans, Layouts, Preparing views, Sending to layouts, Positioning



# ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

## DEPARTMENT OF CIVIL ENGINEERING

Sizing, Moving, Copy, Using scenes, Scale, Dimensions, Updating model reference  
Styles in layout, Title block, Basic renders, Structures phase, Floor, Walls / store front  
Doorways, Window frames, Stairs, Columns, Rails, Detailing phase, Tables, Counter  
Rugs, Picture frames / posters, Light fixtures, Doors, Windows, Planters, Accessories  
Lighting phase and settings Lighting with shades, Directional lights, Ambient light  
General lights, Accent lights, Test renders

What we are looking for when we test render

Render phase, Fixing the lighting, Editing materials, V-Ray material effects Camera  
positioning, Render settings, Presentation phase

Views

Views in SketchUP for use in Layouts, Set up layout, Image hierarchy, scale  
Inserting renderings, Dimensions and labels, Title block

### Learning Objectives:

- Gain and understanding of Google SketchUp and introduce you to modeling terminology and concepts.
- Learn how to begin a new project in Google SketchUp and introduce you to tools and concepts necessary to design and draw.
- Grasp and appreciation for viewing and presenting models in 3D to clients and design team members.

**Learning Outcome:** After completing the Training, the candidates were able to:

Use Sketch UP to model interior spaces, study scale and proportion, elevations, and sections.

Combine Sketch UP with other software and use the rendering tools

  
**Coordinator**

  
**HOD**  
H.O.D.  
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# ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

DEPARTMENT OF CIVIL ENGINEERING

## PHOTOS



A handwritten signature in black ink, likely of the Head of Department.

H.O.D.

Dept. of Civil Engineering

Alva's Institute of Engg. & Technology

Mijar, Moodbidri - 574 225

**Summary Report of Add-on / Certificate program with its Outcomes**

<b>Academic Year :</b> 2019-20	<b>Duration:</b> 02 Mar 2020 to 06 Mar 2020
<b>Title of the Course:</b> Google sketch up	
<b>Resource Person:</b> Mr. Vinod, Proprietor, CADD Center Moodbidri	

The department conducted a Five-day Certification Course on "Google sketch up" from: 02 Mar 2020 to 06 Mar 2020. Mr. Vinod, Proprietor, CADD Center Moodbidri

55 students of third year, Department of Civil engineering are benefitted from this course and were able to

- Create the 3D modelling of various Buildings.
- Create the job opportunities in the various architectural design industry and also helps to improve the confidence level of the students in the placemet

  
**H.O.D.**  
Dept. of Civil Engineering  
Alva's Institute of Engg. & Technology  
Mijar, Moodbidri - 574 225



DEPARTMENT OF CIVIL ENGINEERING

**ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY  
MOODBIDRI**

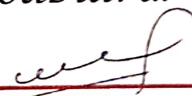


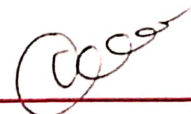
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(Affiliated to VTU, Belagavi and Approved by A.I.C.T.E., New Delhi)  
Shobhavana Campus, Mijar, Moodbidri DK Karnataka-574225

**DEPARTMENT OF CIVIL ENGINEERING**

**Certificate**

This is to certify that Mr./Ms. Channabasava...bearing the USN HAL18CV012..... from AIET, Mijar..... has attended the Students Training Program on "SKETCH UP" from 02.03.2020 to 06.03.2020 in association with CADD CENTRE-Moodbidri..

  
Mr. Vinod Kumar  
CADD Centre - Moodbidri

  
Prof. H Ajith Hebbar  
Head of the Department  
Civil Engineering

  
Dr. Peter Fernandes  
Principal  
AIET Moodbidri