

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

Shobhavan Campus, Mijar, Moodbidri - 574225

(Affiliated to Visvesvaraya Technological University, Belagavi)

Approved by AICTE, New Delhi & Recognized by Government of Karnataka)



ALVA'S
Education Foundation®

A Report on

**Activities Under MOU at
“CADD Centre”**

CADD®
CENTRE
Driving Digital Designs!

CADD Centre

Prestige Tower, 3rd Floor, Mudbidri, Karnataka 574227

Contents

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MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) entered on the 17th day of September 2019

By and Between

CADD Centre Training Services Pvt Ltd, having its office at Prestige towers, 3rd Floor, Behind New Bus stand, Moodbidri (here in after referred as **CADD Centre Training Services Pvt Ltd** for the sake of brevity) and represented by its CADD HEAD, Mr. Vinod Kumar (which expression shall mean and include its successors in office and assigns)

And

Department of Civil & Mechanical Engineering, Alva's Institute Of Engineering and Technology (AIET), having its CAMPUS at **Mijar, Moodbidri -574225** and represented by its Principal, Dr. Peter Fernandes, (which expression shall mean and include its successors in office and assigns)

Objectives of the Collaboration:

- To provide analytical skills especially to the students of Department of Civil Engineering and Department of Mechanical Engineering of AIET..
- Make the student aware of the latest tools and techniques in order to keep them industry ready all the end of their course.
- Offer the course at an affordable price to the students of ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY increase the employability of the student and maximize on the placement opportunities available.
- To build / improve the confidence level of the student to face the challenge of real time in core field.

The Memorandum of understanding is to conduct a unique, step – Step, Systematic and Skill Development Training Program for the Students of ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY and lists herein the responsibilities of both parties.

PREAMBLE:

To get a student employable and placed in an organization, over and above the subject knowledge he / she are expected to have the following:

- Strong Fundamental Engineering Knowledge.
- Engineering related Multiple Technical Skills – Develops skill at add value.
- The Relevant software installed in the computer systems.
- Disciplinary support for the smooth conduct and timely completion of the entire course.
- Minimum 40 Hours of Training time.

Provide all support to CADD Centre Training Services Pvt Ltd. In the marketing initiative undertaken by CADD Centre Training Services Pvt Ltd. To enroll students in the courses offered by CADD Centre Training Services Ltd. Alva's Institute of Engineering and Technology will provide all infrastructure facilities for the market initiative undertaken by CADD Centre Training Services Pvt Ltd.

PARTICIPANTS:

The Participants would be the students of ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

COURSE CONTENTS:

CADD Centre Training services Pvt Ltd and Business Partner in consultant with ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY shall finalize the courses and fees for the CAD Training Program. The SA is provided in the Annexure – 1. These will be reviewed every year and suitable changes, if required, will incorporated. As the requirement of each course is different, courses and fees have been worked out separate for each branch.

TIME SCHEDULE:

The program(s) will be conducted during the days and timings provided by ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY. The students will be divided into divided into batches, depending on the total strength. The Program(s) will be conducted according to the time table drawn up with the mutual consent of CADD Centre Training

Service Pvt Ltd and ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY. Utmost care will take to frame the time table in such a way that it does not coincide with college exams enabling the student complete his training ahead of the exams, CADD Centre Training Services Pvt Ltd will not conduct any classes during the time of exams case of any change in training schedule the same will be intimated to the program coordinator of ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY. Similarly, ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY wants a change in training schedule the same may be communicated to the program Coordinator of CADD Centre Training Services Pvt Ltd & ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY and the respective students must be informed about the changes in training schedule by means of suitable media (Emails/Posters/circulars/notice board displays).

Program Coordinator:

The Head of the Departments of Civil and Mechanical Engineering shall appoint a "Program Coordinator" for complete duration of the program, who shall realize with CADD centre Training Services Pvt Ltd. Moodbidri and make the training process leaner-friendly an effective. CADD Centre Training Services Pvt Ltd shall work in close relationship with the Program Coordinator who in – turn shall keep a close touch with the students. In the event of any difference of opinion between CADD Centre Training Service Pvt Ltd and the Program Coordinator, the matter should be referred to the Head of Departments (Civil & Mechanical), whose decision there on shall be final and binding on both the Parties.

COURSE FEES & PAYMENT PATTERN:

The Course fee per student for each course offered is decided and mutually agreed upon by both the parties. The course fee and the payment pattern are available in the Annexure – 1. The student shall pay the course fee directly to CADD Centre, Moodbidri before the start of the course.

CADD Centre Training Services Pvt Ltd. Shall refund the course fee if courses are not provided as stated in Annexure 1. The Fees for ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY are mentioned in Annexure 1. In the event of any student not able to attend and is missing out the entire session of classes, CADD CENTRE, Moodbidri shall not make the payment towards that student.

COURSE COMPLETION:

While CADD Centre Training Services Pvt Ltd. Training service Pvt Ltd. Training services Pvt Ltd. Will endeavor to complete the complete the course as per the schedule mutually agreed upon and mentioned in Annexure 1. CADD Centre Training services Pvt Ltd. Will not be responsible and accountable for delay in completing the course due to reasons which are beyond the control of CADD Centre Training Services Ltd and CADD Centre Training Services Pvt Ltd's Business Partner include – acts of foreign enemies, hostilities (regardless of whether war is declared), civil war, rebellion, revolution, insurrection, military or usurped power of confiscation, terrorist activities, nationalization, government sanction, blockage, embargo, labor dispute, strike, lockout or interruption or failure of electricity or telephone service, failure and non – availability of Computer system, Non – availability of classrooms, law and order problems, students unrest/strike/boycott, unscheduled changes in college curriculum and other unforeseen circumstances.

- Courses for individual software will be completed as mentioned in ANNEXURE 1.
- Terms & Conditions as Mentioned in ANNEXURE 2.

While it is mandatory for the student to have undergone the complete course as mentioned in Annexure 2 to be eligible for a course completion Certification. In case he/she opts due to any reason an appropriate certificate will be issued by only for that course completed by the student. Students will not be eligible for certification for the courses that they have not completed.

CADD Centre Training Service Pvt Ltd. will not issue "Certificate of Completion" to the successful student, if full payment is **not** made. CADD Centre Training Services Pvt Ltd will not refund the fees hence paid if the student opts out or discontinuous the course at any stage due to any reason.

EXCLUSIVITY

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY will ensure that during the period of the MOU, ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY will **not** allow or permit any of the direct and indirect competitors of CADD Centre Training Services Pvt Ltd to either do any promotional activities, advertising in any form, publicity of any kind,

canvass for students and enroll the students. The courses will be conducted by CADD Centre Training Services Pvt Ltd and its Business Partners only.

JURISDICTION

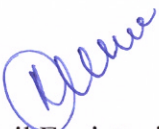
All matters, queries, disputes or differences, whatsoever, arising between the parties touching the construction, meaning, operation or effect of this Memorandum of understanding or out of or relating to this memorandum of Understanding or breach thereof shall be settled through arbitration in accordance with the relevant Arbitration Act in force at such time. The Arbitration award shall be binding on both parties.

VALIDITY

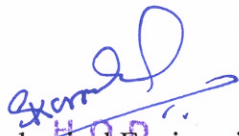
Both ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY and CADD Centre Training Services Pvt. Ltd shall have the rights to terminate this MOU by providing **THREE** months' notice in writing on their respective letter head only after a minimum period of 3 years. Termination of this MOU of whatever reason shall be without prejudice to the rights of either party and the students and the ongoing academic programs.

This Memorandum of Understanding will be valid for a period of three years.

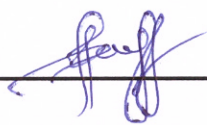
The Memorandum of Understanding shall come into effect from 17/09/2019.


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

**For. ALVA'S INSTITUTE OF ENGINEERING
& TECHNOLOGY, MIJAR.**


Head of Mechanical Engineering Dept.
Dept. Of Mechanical Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

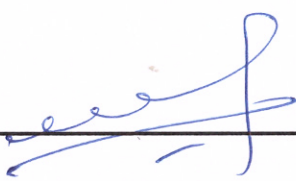
**For. CADD Centre Training Services Pvt Ltd.
Moodbidri**


Name: Dr. Peter Fernandes

Designation: Principal

Date:

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


Name: Mr. Vinod Kumar K

Designation: Centre Head

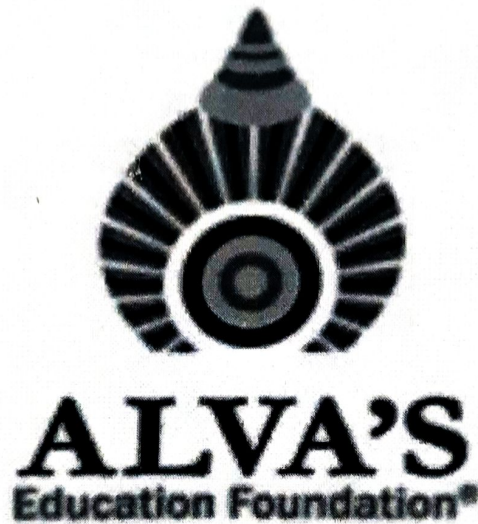
Date:

CADD CENTRE
3rd Floor
Prestige Towers
Behind Bus Stand
Moodbidri

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

DEPARTMENT OF CIVIL ENGINEERING



A REPORT ON “AUTO CADD- 3D”

2019-20



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

Date: 18/12/2019

APPROVAL LETTER

TO,
The Principal
AIET-Mijar, Moodbidri

Respected Sir,

Sub: "Approval for organizing student certificate/Training program on AUTO- CADD 3D" Reg.

With reference to the above subject, the Department of Civil Engineering has planned to organize student certificate/Training program on AUTO- CADD 3D for 5- days from 16.01.2020 to 20.01.2020 for 5thsem Civil Engineering students.

Kindly consider the request and approve for the same.

Thank You,


Coordinator


HOD,
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: 20/12/2019

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 AUTO- CADD 3D 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 AUTO CADD 3D is planned for present 5thsem students
3. The course shall be planned for 5 days i.e., from 16.01.2020 to 20.01.2020 for about 30 to 40 hours (9AM to 5 PM)
4. Faculty coordinator will be Prof. Santhosh K .
5. All the class co coordinator will circulate the circular.
6. 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

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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: 14/01/2020

CIRCULAR

CERTIFICATION COURSE ON AUTO-CADD 3D

The following are the instructions to the registered students for certificate program for
AUTO CADD 3D course

Commencement of classes from: 16/01/2020 TO 20/01/2020

Course students: V sem B.E. Civil Engineering students

Venue: CAD Lab, dept. of Civil Engineering

TIME TABLE

DATE	TIME	COURSE
16.01.2020 TO 20.01.2020	09:00AM-05:00PM	AUTO- CADD 3D


Co-coordinator


HOD


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

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

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 AUTO CADD 3D COURSE

Auto CADD 3D is the most prominent Computer Aided Design (CAD) project created to help experts to plan items, architectural examples or 3D structures. The course goal is to educate the candidates about the essential directions important to make three dimensional models in different fields. Members will learn CAD essentials and the abilities to change 2D Drawings to 3D drawings. 3D demonstrations are being favored by clients, as well as by specialists and fashioners on the grounds that they offer numerous preferences over the customary 2D outline. In this way, students have to learn 3D CAD, and Auto CADD is one of the best utilized 3D CADD devices as a part of the business. Auto CADD has numerous in-constructed features to help specialists, directors or architects chip away at individual activities or tasks. Auto CADD assists students with creating drawings in which we can have exact estimations and accuracy

COURSE CONTENT

1. Material study 1

RESOURCE PERSON

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

PROGRAM SCHEDULE

Jan 06, 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

Jan 07, 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

Jan 08, 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

Jan 09, 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

Jan 10, 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

"AUTO CADD – 3D"

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

Guest of Honor: Mr. Vivek Alva

Managing Trustee

President: Dr. Peter Fernandes

Principal, AIET, Moodbidri.

Coordinator

Prof. Santhosh K

Assistant Professor

Head of the Department

Dr. H Ajith Hebbar

Associate Professor and Head

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 - AUTO CADD 3D CERTIFICATE COURSE		
SL NO	USN	NAME
1	4AL17CV001	ABHIJEET
2	4AL17CV002	ADARSH M
3	4AL17CV003	AKUMTOSHI T JAMIR
4	4AL17CV004	ARESHWARREDDY
5	4AL17CV005	ASHWINI P CHANDRAPATTAN
6	4AL17CV006	ASHWINI S C
7	4AL17CV007	ASPAR A K
8	4AL17CV008	BASAVANA GOUDA M H
9	4AL17CV009	BHAGYASHREE
10	4AL17CV010	BHAGYASHREE A K
11	4AL17CV011	BHANDARY DARSHAN SATISH
12	4AL17CV012	BHUSHAN S
13	4AL17CV013	BHUVAN J SHETTY
14	4AL17CV014	BINDU N R
15	4AL17CV015	CHETAN KUMAR V
16	4AL17CV016	DHANUSH HEMANT KOTTARI
17	4AL17CV017	DIPU LAISHRAM
18	4AL17CV018	DIVAKAR P V
19	4AL17CV019	GOKUL KRISHNA
20	4AL17CV020	HITHESH P
21	4AL17CV021	K B KHUSHI
22	4AL17CV022	KANIKA M N
23	4AL17CV023	KARTHIK KAPSE
24	4AL17CV024	KARTHIK KUMAR M
25	4AL17CV025	KAVYA S S
26	4AL17CV026	KIRANSAGAR K
27	4AL17CV027	LIDISE Y SANGTAM
28	4AL17CV028	LIKHITH B SHETTY
29	4AL17CV029	LUSTRE CHONGTHAM
30	4AL17CV030	M ADVITH JAIN
31	4AL17CV031	M HARSHA KUMAR
32	4AL17CV032	MAHANTESH N GARADIMANI
33	4AL17CV033	MALKANNA SHARANAPPA KUDARI



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

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

DEPARTMENT OF CIVIL ENGINEERING

34	4AL17CV034	MANOJ G
35	4AL17CV035	MANOJKUMAR B
36	4AL17CV036	MITHULESH J M
37	4AL17CV037	MITHUN GOWDA B
38	4AL17CV038	MOHAMAD REHAN
39	4AL17CV039	MOHAMMED NADEEM SHAIKH
40	4AL17CV040	MOHAMMED NESAR K
41	4AL17CV041	MOHAMMED VALEED ALI
42	4AL17CV042	MOSHIN I BIJAPUR
43	4AL17CV043	NAVEENA M
44	4AL17CV044	NIDHI S
45	4AL17CV045	NITHESH AIHOLLI
46	4AL17CV046	NITIN P
47	4AL17CV047	OM PRAKASH
48	4AL17CV048	P JOSE SHARON
49	4AL17CV049	PAVAN M
50	4AL17CV050	PAVANGOWDA K C
51	4AL17CV051	PRADEEP CHANDRASHEKAR TEGGI
52	4AL17CV052	PRAJWAL I K
53	4AL17CV053	PRAJWAL U
54	4AL17CV054	PREETHAM S
55	4AL17CV055	PRUTHVI B C
56	4AL17CV056	RACHANA C HULIKATTI
57	4AL17CV057	RAJAKUMAR M RATHOD
58	4AL17CV058	RAJKUMAR SANATHOI
59	4AL17CV059	S NAGARJUN
60	4AL17CV060	SACHIN BASAVARAJ BIRADAR
61	4AL17CV061	SAGAR K J
62	4AL17CV062	SHAAZ MOIDEEN
63	4AL17CV063	SHARANABASAPPA PATIL
64	4AL17CV064	SHASHANK SIRISKAR
65	4AL17CV065	SHETTY SHASHANK RAJEEV
66	4AL17CV066	SHRIHARSHA S TADDEWADI
67	4AL17CV067	SHWETHASHREE
68	4AL17CV068	SOMORJIT LAISHRAM
69	4AL17CV069	SONIA G S



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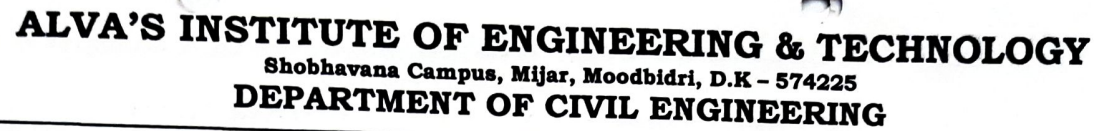
DEPARTMENT OF CIVIL ENGINEERING

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73	4AL17CV073	SUPRIYA S
74	4AL17CV074	SUSHMITHA
75	4AL17CV075	TASMIYA ANJUM
76	4AL17CV076	THIYAM CASTRO SINGH
77	4AL17CV077	VAIBHAVA S
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83	4AL17CV083	VIRAJ
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85	4AL17CV085	VISHWAS K SOMASHEKARAIHA
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88	4AL17CV088	YAJNESH MADIVALA
89	4AL17CV089	YENDREBAM MALEMNANBA SINGH
90	4AL17CV090	YUVARAJ N
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96	4AL18CV403	JAYALAKSHMI P K
97	4AL18CV404	MALIK FAISAL FAYAZ
98	4AL18CV405	PRABHAVATI KUMBAR
99	4AL18CV406	PRAJWAL G
100	4AL18CV407	SATISH SHANTKUMAR
101	4AL18CV408	SHRAVYA
102	4AL18CV409	SUNIL NAIK H
103	4AL18CV410	THEJAS P L
104	4AL18CV411	THEJASWINI G
105	4AL18CV412	UDAY RATHOD B M
106	4AL18CV413	VIRUPAXI
107	4AL18CV414	YOGESH KUMAR N

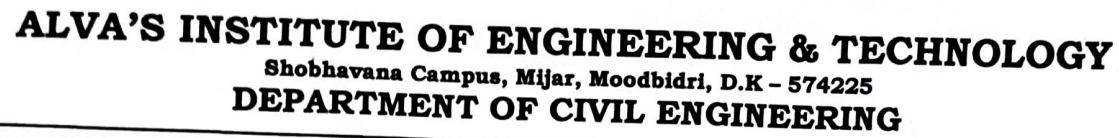
H.O.D. HOD

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

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ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

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

DEPARTMENT OF CIVIL ENGINEERING

94	4AL18CV401	HARIPRASAD R	P	P	P	P	P	P	P	P	P	P	P
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96	4AL18CV403	JAYALAKSHMI P K	P	P	P	P	P	P	P	P	P	P	P
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98	4AL18CV405	PRABHAVATI KUMBAR	P	P	P	P	P	P	P	P	P	P	P
99	4AL18CV406	PRAJWAL G	P	P	P	P	P	P	P	P	P	P	P
100	4AL18CV407	SATISH SHANTKUMAR	P	P	P	P	P	P	P	P	P	P	P
101	4AL18CV408	SHRAVYA	P	P	P	P	P	P	P	P	P	P	P
102	4AL18CV409	SUNIL NAIK H	P	P	P	P	P	P	P	P	P	P	P
103	4AL18CV410	THEJAS P L	P	P	P	P	P	P	P	P	P	P	P
104	4AL18CV411	THEJASWINI G	P	P	P	P	P	P	P	P	P	P	P
105	4AL18CV412	UDAY RATHOD B M	P	P	P	P	P	P	P	P	P	P	P
106	4AL18CV413	VIRUPAXI	P	P	P	P	P	P	P	P	P	P	P
107	4AL18CV414	YOGESH KUMAR N	P	P	P	P	P	P	P	P	P	P	P


Coordinator


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



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

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

Learning Objectives:

Students accompanied features of Auto CADD 3D:

Surface Designing

Solid Designing

Mesh Primitives

Working with contraptions

Altering 3d segments

Implementing materials

Cameras

Brightness and Contrasts

Mastering renditions

Learning Outcome:

In the wake of finishing this course, candidates will have the capacity to

Navigate through the interface easily

Use the essential elements and accuracy drafting devices in AutoCAD to create precise specialized drawings.

Create appealing outlines in 3D environment.

Take practical yields for presentation.


Coordinator
HOD
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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 **16-01-2020 TO 20-01-2020 "AutoCADD 3D"** from CAD Centre Moodbidri. Under the expertise Mr. Wilta Arul Fernandes and team.

Overview to AutoCADD 3D

AutoCADD 3D is the most prominent Computer Aided Design (CAD) project created to help experts to plan items, architectural examples or 3D structures. The course goal is to educate the candidates about the essential directions important to make three-dimensional models in different fields. Members will learn CAD essentials and the abilities to change 2D Drawings to 3D drawings.

3D demonstrations are being favored by clients, as well as by specialists and fashioners on the grounds that they offer numerous preferences over the customary 2D outline. In this way, students have to learn 3D CAD, and Auto CADD is one of the best utilized 3D CADD devices as a part of the business. AutoCADD has numerous in-construct features to help specialists, directors or architects chip away at individual activities or tasks. Auto CADD assists students with creating drawings in which we can have exact estimations and accuracy.

Syllabus of AutoCAD Civil 3D

- Surface creation based on the survey data from
- Theodolite
- Total Station
- LiDAR
- Google Earth
- DEM files
- Surface Styles
- Surface Analysis
- Earthwork Calculation
- Cut and Fill Volume
- Grading
- Profile View Generation
- Site Layout



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PHOTOS




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Feedback form - Certification course on Auto CADD

from 16/01/2020 to 20/01/2020

* 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	☐	☐	☐	☐	☐

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	☐	☐	☐	☐	☐
Presentation were Clear and organized	☐	☐	☐	☐	☐
trainer stimulated student interest	☐	☐	☐	☐	☐
trainer was available and helpful	☐	☐	☐	☐	☐
Trainer was effectively used time during class periods	☐	☐	☐	☐	☐

5. Course Coontent *

Mark only one oval per row.

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Learning Objective were Clear	☐	☐	☐	☐	☐
Course Content was Well organized and planned	☐	☐	☐	☐	☐
Course workload was Appropriate	☐	☐	☐	☐	☐
Course content was industry oriented	☐	☐	☐	☐	☐
Course organized to allow all the students	☐	☐	☐	☐	☐

6. Any suggestions *

7. How do you improve this course

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Questions - Certification course on AUTO CADD

from 16/01/2020 to 20/01/2020

* Required

1. Name of the Student *

2. Student USN

Multiple Choice questions

3. Tell, how many AutoCAD objects are in a rectangle? *

Mark only one oval.

- ☐ Three
- ☐ Two
- ☐ one
- ☐ Four

4. Which is the best option from the following how will you deselect an object while you are selecting a set of objects? *

Mark only one oval.

- ☐ Ctrl+ click on the object to be removed
- ☐ Alt + Click on the object to be removed
- ☐ Shift + Click on the object to be removed
- ☐ None of the above

5. How much long will a line from 0,5 to 5,5 be _____ A. 5 units *

Mark only one oval.

- ☐ 10 units
- ☐ 15 units
- ☐ None of the above
- ☐ None of these

6. The origin of a drawing is at ____? *

Mark only one oval.

- ☐ 0,1
- ☐ 1,0
- ☐ 0,0
- ☐ 1,1

7. Fillet command can be utilize to obtain _____? *

Mark only one oval.

- ☐ Round corners
- ☐ Sharp corners
- ☐ Both of the above
- ☐ Filling

8. Scaling a material make them _____ *

Mark only one oval.

- ☐ Bigger
- ☐ Smaller
- ☐ Either smaller or bigger
- ☐ None of the above

9. The same CW angle measured is, if during the CCW measurement result gives an angle 135 degrees ____? *

Mark only one oval.

- ☐ Relates to the other hatch plan
- ☐ Monitors the changes in shape that fills
- ☐ Both of the above
- ☐ None of the above

10. What does command Wblock ____? *

Mark only one oval.

- ☐ Warp-speed block
- ☐ Window block
- ☐ Write block
- ☐ Wide-area block

11. Polar coordinates are used for drawing ____? *

Mark only one oval.

- ☐ Ellipse
- ☐ Arc
- ☐ Angular lines
- ☐ one of the above

12. How many points do you need to know for the rectangle command? *

Mark only one oval.

- ☐ One
- ☐ Three
- ☐ Two
- ☐ Four

13. What command pass us to select objects based on some status ____? *

Mark only one oval.

- ☐ Properties
- ☐ Pselect
- ☐ Qselect
- ☐ Attributes

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

Date: 21/01/2020

To,
The Principal,
AIET, Moodbidri

From,
Head of the Department
Civil Engineering
AIET, Moodbidri

Respected Sir,

Sub: " Payment towards AUTO CADD certificate course. " Reg

As subject cited above, Department of Civil Engineering have conducted AUTO CAD 3D Software training for 5TH sem Civil Engineering students from CADD Centre Moodbidri on 16/01/2020 to 20/01/2020. In this regard payments has to be made for an amount of Rs.2, 14,000/- (Rs. Two Lakh Fourteen thousand only) to CADD Centre Moodbidri. This is for your kind information and needful.

Thank You,

Your's faithfully


Coordinator


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24/1/20.

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY MOODBIDRI

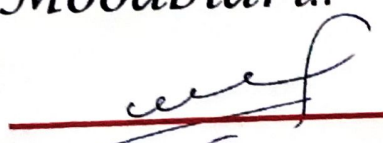


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Shobhavana Campus, Mijar, Moodbidri DK Karnataka-574225

DEPARTMENT OF CIVIL ENGINEERING

Certificate

This is to certify that Mr./Ms. **Bhagyashree**.....bearing the
USN **HAL17CV009**.... from **AIE.T. Mijar**..... has attended
the Students Training Program on "AUTO CADD 3D" from
16.01.2020 to 20.01.2020 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

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

DEPARTMENT OF CIVIL ENGINEERING



ALVA'S
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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 3rdsem Civil Engineering students.

Kindly consider the request and approve for the same.

Thank You,



Coordinator



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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 3rd 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

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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


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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**



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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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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.



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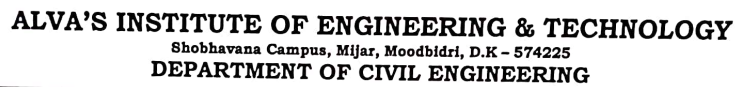
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53	4AL19CV413	SUSHANTH J BUNGERA
54	4AL19CV414	SWATI
55	4AL19CV415	VINAY BASAVARAJ GUDIYAL

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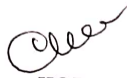
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53	4AL19CV413	SUSHANTH J BUNGERA	P	P	P	P	P	P	P	P	P	P
54	4AL19CV414	SWATI	P	P	P	P	P	P	P	P	P	P
55	4AL19CV415	VINAY BASAVARAJ GUDIYAL	P	P	P	P	P	P	P	P	P	P


Coordinator


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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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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	☐	☐	☐	☐	☐

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	☐	☐	☐	☐	☐
Presentation were Clear and organized	☐	☐	☐	☐	☐
trainer stimulated student interest	☐	☐	☐	☐	☐
trainer was available and helpful	☐	☐	☐	☐	☐
Trainer was effectively used time during class periods	☐	☐	☐	☐	☐

5. Course Coontent *

Mark only one oval per row.

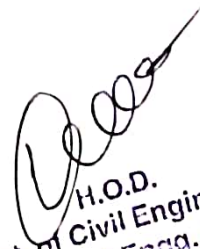
	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Learning Objective were Clear	☐	☐	☐	☐	☐
Course Content was Well organized and planned	☐	☐	☐	☐	☐
Course workload was Appropriate	☐	☐	☐	☐	☐
Course content was industry oriented	☐	☐	☐	☐	☐
Course organized to allow all the students	☐	☐	☐	☐	☐

6. Any suggestions *

7. How do you improve this course

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Mijar, Moodbidri - 574 225



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



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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
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PHOTOS



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

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MOODBIDRI**

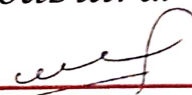


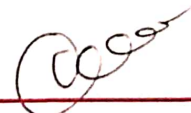
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Certificate

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

4.3 SOFTWARE TRAINING ON REVIT ARCHITECTURE 2020-2021.

The Civil Engineering Department of Alva's Institute of Engineering & Technology, Mijar, organized **Software training for the students**, from **27/12/2020** to **20/02/2021** on "**Revit Architecture**" Software from CADD Centre Moodbidri. Under the expertise Mr. Vinod Kumar, CADD Centre Head Moodbidri & Mr. Wilton and Team for 37 Students.

Overview of Revit Architecture

Revit is software for Building Information Modelling. Revit supports a multidiscipline design process for collaborative design. Its powerful tools let you use the intelligent model-based process to plan, design, construct, and manage buildings and infrastructure.

Learning Objectives:

Import and export data between AutoCAD and AutoCAD Architecture and Revit Structure projects.

Link Revit models, coordinate and monitor changes in a current project and a linked project, and check and Fix interference conditions in Revit projects

Work with Conceptual Design Tools, Mass object and Adaptive Curtain Panel.

Create Topographic elements Work with Revit Materials for Revit Projects and Families.

Create, use, and manage worksheets.

Learning Outcome:

Describe building information modelling, bidirectional relationships in Revit.

Understand the user interface, parametric objects, and families, and start projects using templates.

Create and modify levels and grids. Create a basic floor plan, add and modify walls and work with doors and windows.

Work with component families.

Duplicate and manage views, control object visibility in views, and create elevation, section, and 3D views.

Learn how to use dimensions and constants. Create floors and ceilings, add roofs and curtain walls, and work with stairs and railings in a building model.

