

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY, ERODE-12
DEPARTMENT OF MECHANICAL ENGINEERING

Submitted to the principal for his kind approval

17.11.2020

Respected sir,

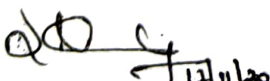
Sub: Requisition to conduct Value Added Course for Second Year students – reg.


Our department has planned to conduct the following Value Added Course (VAC) on “AUTODESKFUSION 360” for the benefit of second year students.

We kindly request you permit us to conduct this programme as per the schedule.

Value Added Course Code (if available)	:	
Value Added Course Title	:	AUTODESK FUSION 306
Beneficiary	:	Second year B.E.Mech Students
Total Number of students enrolled	:	44
Dates & Days	:	24.11.2020 to 25.11.2020 and 02.12.2020 to 03.12.2020 – 4 Days
Total Number of conduct Periods	:	32 Hrs
Outcome of the course	:	To gain knowledge on 2D and 3D objects, but you can do much more with it, such as animate your designs, render objects, simulate loads, and even prepare models for CNC machining.

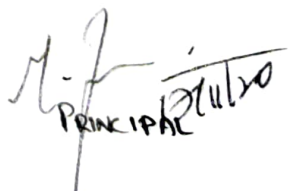
Thanking You,


VAC Coordinator(s)


Hod/Mech




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AUTODESK FUSION 360

SYLLABUS

Autodesk® Fusion 360® Fundamentals Syllabus

Course Description:

Autodesk Fusion 360 3D CAD software offers an easy-to-use set of tools for 3D mechanical design, engineering and simulation, CAM, and team collaboration. In this introductory course, students acquire the knowledge needed to complete the process of designing models from conceptual sketching, through to solid modeling, assembly design and drawing production. This course is intended as an introductory training guide. Autodesk Fusion 360 Fundamentals does not assume prior knowledge of any 3D modeling or CAD software. Students do not need to be experience with the Windows operating system and a background in drafting of 3D parts is recommended.

Course Objectives:

- Navigate the Autodesk Fusion 360 user interface
- Generating 3D parts from sketches
- Placing and constraining/connecting parts in assemblies
- Assembly Part Lists
- Creating and annotating drawings and views

Outline Topics

Chapter 1: Introduction to Autodesk Fusion 360 Fusion 360 Fundamentals Getting Started
The Fusion 360 Interface Design Navigation & Display

Chapter 2: Creating the First Feature with Quick Shapes Design Units and Origin Quick
Shape Creation

Chapter 3: Creating Sketched Geometry Introduction to the Sketching Workflow Sketch
Entities Dimensioning Sketch Constraints Extruding a Sketch Revolving a Sketch

Chapter 4: Additional Sketching Tools Additional Entity Types Editing Tools Additional
Dimension Tools Moving and Copying Rectangular Sketch Patterns Circular Sketch
Patterns

Chapter 5: Sketched Secondary Features Sketched Secondary Features Using Existing
Geometry

Chapter 6: Pick and Place Features Fillets Chamfers Holes Editing Pick and Place Features




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Chapter 7: Construction Features Construction Planes Construction Axes Construction Points

Chapter 8: Equation and Parameters Equations Parameters

Chapter 9: Additional Features and Operations Draft Shell Rib Split Face Scale Thread Press Pull

Chapter 10: Design and Display Manipulation Reordering Features Inserting Features Suppressing Features Measure and Section Analysis Direct Modeling

DURATION: 32 Hrs




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THINDAL, ERODE – 638 012. TAMILNADU.

DEPARTMENT OF MECHANICAL ENGINEERING

Organizes a Value Added Course


On

“AUTODESK FUSION 360”

PROGRAMME SCHEDULE

Day & Date	Session 1 9.30am to 12.30pm		Session 2 1.30pm to 4.30pm
Day 1 & 24.11.2020	Chapter 1 S.R.Deviya Prasanth, Senior Technical Trainer, ICT	LUNCH BREAK	Chapter 2 Mohamed Shereef, Senior Technical Trainer, ICT
Day 2 & 25.11.2020	Chapter 3 S.R.Deviya Prasanth, Senior Technical Trainer, ICT		Chapter 4 Mohamed Shereef, Senior Technical Trainer, ICT
Day 3 & 02.12.2020	Chapter 5 & 6 S.R.Deviya Prasanth, Senior Technical Trainer, ICT		Chapter 7 Mohamed Shereef, Senior Technical Trainer, ICT
Day 4 & 03.12.2020	Chapter 8 & 9 S.R.Deviya Prasanth, Senior Technical Trainer, ICT		Chapter 10 Mohamed Shereef, Senior Technical Trainer, ICT




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(AUTONOMOUS)

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THINDAL, ERODE – 638 012. TAMILNADU.

DEPARTMENT OF MECHANICAL ENGINEERING

INVITATION

The management, Principal, Dean, Staff and students of
Mechanical Engineering cordially invite you all for the
Value Added Course

On


“AUTODESK FUSION 360”

Platform: Microsoft Team

Date: 24.11.2020 to 25.11.2020 & 02.12.2020 to 03.12.2020

Link: <https://bit.ly/35Tsl4c>




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VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY, ERODE-12

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DEPARTMENT OF MECHANICAL ENGINEERING

Ref: VCET/MECH/VAC/1/2020-2021

Date:18.11.2020

CIRCULAR

It is proposed to conduct a value added course on "AUTODESK FUSION 360" from 24.11.2020 to 25.11.2020 and 02.12.2020 to 03.12.2020 for second year students through online mode. There is no registration fee. Certificates will be provided for those who attend the course. Interested students can enroll their names with the course coordinator.

Course Coordinator:

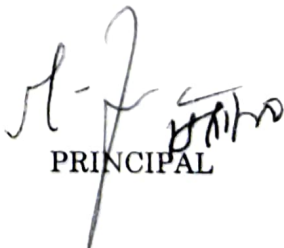
Dr.A.Thirumoorthy, ASP/Mech

Resource persons:

S.R.Deviya Prasanth, Senior Technical Trainer, ICT


VAC- Course Coordinator


HOD/MECH


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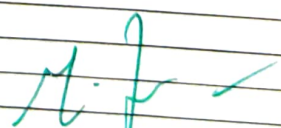
VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY, AUTONOMOUS
DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE

The following list of students have enrolled for the value added course on
"AUTODESK FUSION 360" from 24.11.2020 to 25.11.2020 and 02.12.2020 to 03.12.2020 (4
Days).

S.No	Register Number	Name of the student
1	17MER008	ANOOSH SUNDAR.E.S
2	17MER016	BHARATH KUMAR.S
3	17MER029	GOWTHAM.M
4	17MER046	KISHORE.N.C
5	17MER056	MOHAN KUMAR.G.R
6	17MER057	MOHANRAJ.A
7	17MER058	MONISH.S
8	17MER062	MYLANANDHAN V
9	17MER066	NARANDHIRAN A S
10	17MER088	REVANTH K
11	17MER112	VELMURUGAN K
12	17MER115	VIJAYARAGHAIV C
13	18MER004	ANIRRUDH SHRINAATH S
14	18MER007	ASHISH NOAH J
15	18MER014	DHANANISANTH J
16	18MER021	GOKUL G
17	18MER023	HARIKRISHNA J
18	18MER026	HARRITH ALTHAF M
19	18MER027	INIYAN HARISH M
20	18MER030	JIJENDRA KUMAR M
21	18MER036	KAVIN V
22	18MER050	RAKAVI P
23	18MER051	ROBIN S
24	18MER053	SAMUEL D
25	18MER062	SHANKAR M
26	18MER065	SOWTHANYA P
27	18MER066	SRI LAKSHAYA V M
28	18MER067	SRI PRASANTH R
29	18MER074	VIJAY M J
30	18MER075	VIMAL KUMAR P
31	18MER076	VIMALANANDHAN S
32	18MEL009	KARTHIKEYAN P
33	19MER001	ABHISHEK S
34	19MER011	DILIPKUMAR B
35	19MER012	GOWTHAAM K
36	19MER015	HARIHARAN K




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37	19MEL014	MOHANPRASATH G
38	19MER039	NIVETHA S
39	19MER041	PRABAKARAN M (17.09.2001)
40	19MER047	RAJASEKAR D
41	19MER048	SADEESH J
42	19MER051	SANJAY K
43	19MER055	SOWMYA N
44	19MER056	SREE MALAIKARUPPANASAMY S


VAC COORDINATOR


HOD/MECH




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VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY, AUTONOMOUS
DEPARTMENT OF MECHANICAL ENGINEERING
VALUE ADDED COURSE ON "AUTODESK FUSION 360"
ATTENDANCE SHEET

S.No	Register Number	Student Name (FULL)	24.11.2020		25.11.2020		26.11.2020		02.12.2020		03.12.2020	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	17MER008	ANOOSH SUNDAR.E.S	/	/	/	/	/	/	/	/	/	/
2	17MER016	BHARATH KUMARS	/	/	/	/	/	/	/	/	/	/
3	17MER029	GOWTHAM.M	/	/	/	/	/	/	/	/	/	/
4	17MER046	KISHORE.N.C	/	/	/	/	/	/	/	/	/	/
5	17MER056	MOHAN KUMAR.G.R	/	/	/	/	/	/	/	/	/	/
6	17MER057	MOHANRAJ.A	/	/	/	/	/	/	/	/	/	/
7	17MER058	MONISH.S	/	/	/	/	/	/	/	/	/	/
8	17MER062	MYLANANDHAN V	/	/	/	/	/	/	/	/	/	/
9	17MER066	NARANDHIRAN A S	/	/	/	/	/	/	/	/	/	/
10	17MER088	REVANTH K	/	/	/	/	/	/	/	/	/	/
11	17MER112	VELMURUGAN K	/	/	/	/	/	/	/	/	/	/
12	17MER115	VIJAYARAGHAVI C	/	/	/	/	/	/	/	/	/	/
13	18MER004	ANIRRUDDH SHRINAATH S	/	/	/	/	/	/	/	/	/	/
14	18MER007	ASHISH NOAH J	/	/	/	/	/	/	/	/	/	/
15	18MER014	DHANANISANTH J	/	/	/	/	/	/	/	/	/	/
16	18MER021	GOKUL G	/	/	/	/	/	/	/	/	/	/
17	18MER023	HARIKRISHNA J	/	/	/	/	/	/	/	/	/	/
18	18MER026	HARRITH ALTHAF M	/	/	/	/	/	/	/	/	/	/
19	18MER027	INTYAN HARISH M	/	/	/	/	/	/	/	/	/	/
20	18MER030	JJENDRA KUMAR M	/	/	/	/	/	/	/	/	/	/
21	18MER036	KAVIN V	/	/	/	/	/	/	/	/	/	/
22	18MER050	RAKAVI P	/	/	/	/	/	/	/	/	/	/
23	18MER051	ROBIN S	/	/	/	/	/	/	/	/	/	/
24	18MER053	SAMUEL D	/	/	/	/	/	/	/	/	/	/
25	18MER062	SHANKAR M	/	/	/	/	/	/	/	/	/	/
26	18MER065	SOWTHANYA P	/	/	/	/	/	/	/	/	/	/
27	18MER066	SRI LAKSHAYA V M	/	/	/	/	/	/	/	/	/	/
28	18MER067	SRI PRASANTH R	/	/	/	/	/	/	/	/	/	/
29	18MER074	VIJAY M J	/	/	/	/	/	/	/	/	/	/
30	18MER075	VIMAL KUMAR P	/	/	/	/	/	/	/	/	/	/
31	18MER076	VIMALANANDHAN S	/	/	/	/	/	/	/	/	/	/
32	18MEL009	KARTHIKEYAN P	/	/	/	/	/	/	/	/	/	/
33	19MER001	ABHISHEK S	/	/	/	/	/	/	/	/	/	/
34	19MER011	DILIPKUMAR B	/	/	/	/	/	/	/	/	/	/
35	19MER012	GOWTHAAM K	/	/	/	/	/	/	/	/	/	/



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S.No	Register Number	Student Name (FULL)	24.11.2020	24.11.2020	25.11.2020	25.11.2020	02.12.2020	02.12.2020	03.12.2020	03.12.2020
			FN	AN	FN	AN	FN	AN	FN	AN
36	19MER015	HARIHARAN K	/	/	/	/	/	/	/	/
37	19MEL014	MOHANPRASATH G	/	/	/	/	/	/	/	/
38	19MER089	NIYETHA S	/	/	/	/	/	/	/	/
39	19MER041	PRABAKARAN M (17.09.2001)	a	a	/	/	/	/	/	/
40	19MER047	RAJASEKAR D	/	/	/	/	/	/	/	/
41	19MER048	SADEESH J	/	/	/	/	/	/	/	/
42	19MER051	SANJAY K	/	/	/	/	/	/	/	/
43	19MER055	SOMMYA N	/	/	/	/	/	/	/	/
44	19MER056	SREE MALAIKARUPPANASAMY S	/	/	/	/	/	/	/	a

VAC COORDINATOR *Shilpa*

3/12/20
HOD/MECH

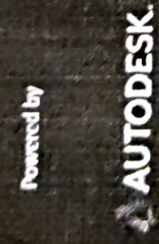


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ANNA
DESIGN WEEK 2020
DESIGN FOR FUTURE

Design Now Workshop

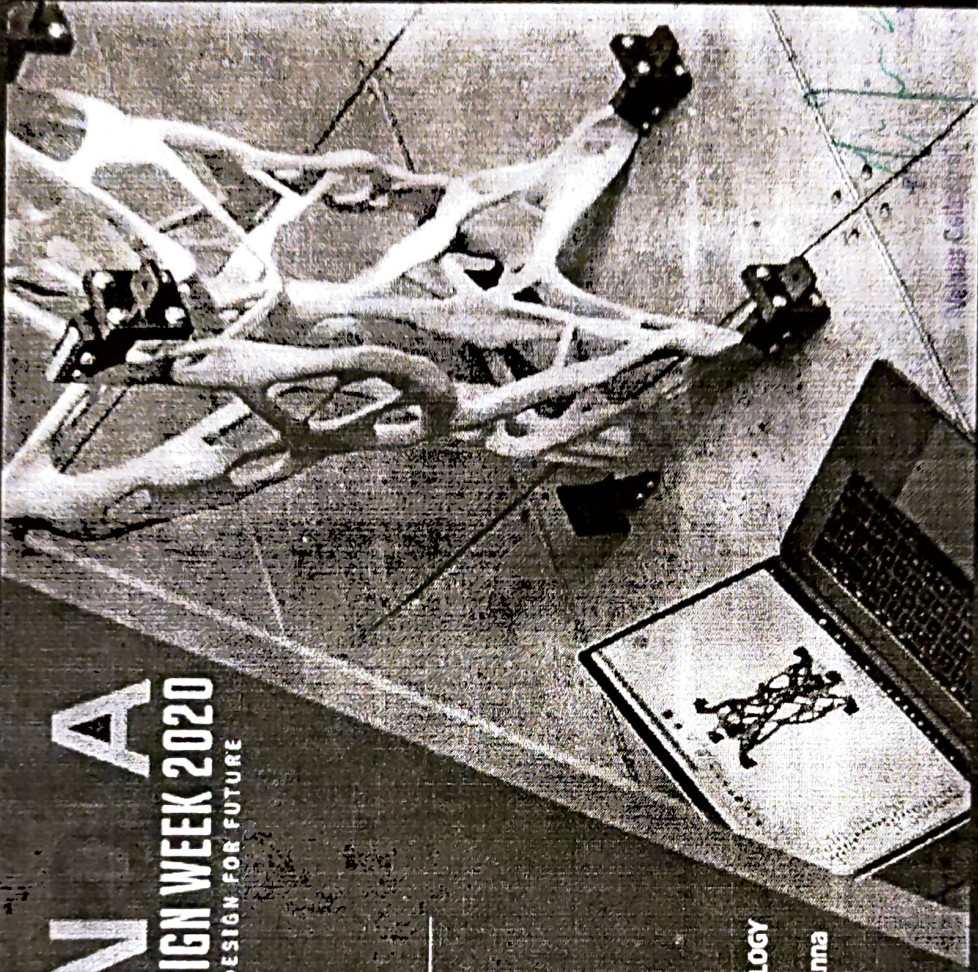
F AUTODESK
FUSION 360

Date: 24-NOV-2020
Time: 02 pm to 04 pm

Hosted by



VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
(Autonomous)
(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)
Accredited by NAAC with 'A' Grade



BK

PM

HJ

SS

DK

VJ

DP

Harikrishna J (Guest)

S. Animudh Shrinath (-)

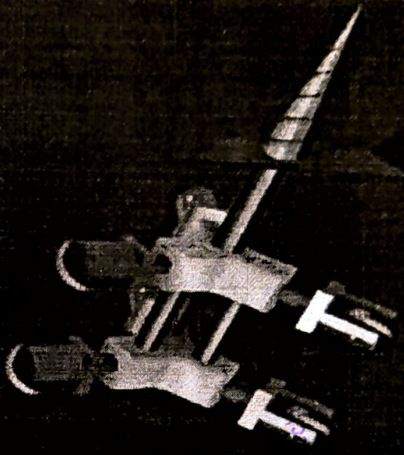
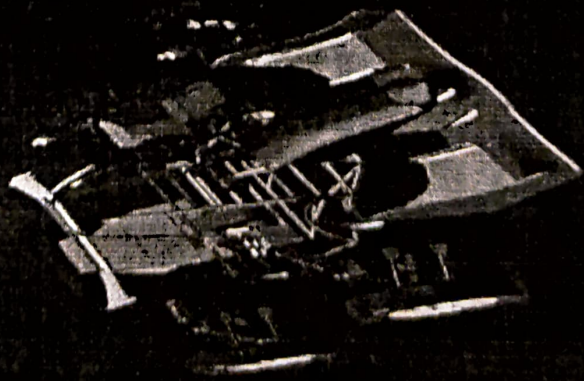
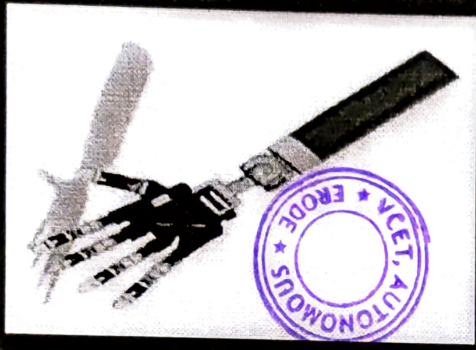
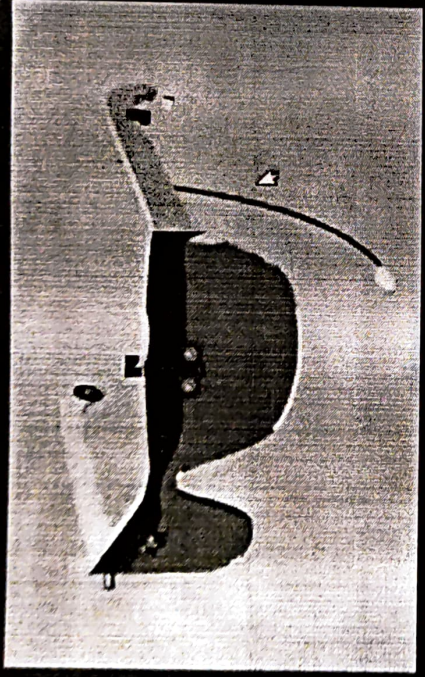
Dr R Kumaravelan (Gu...

Dr.M. Jayarama...

Deviya Prasanth



ducts from
V 2017



Participants

Type a name

In this meeting (43)

- T thirumoorthytech (Guest)
- 1G 18MER021 Gokul.G (Guest)
- AS Abhishek S (Guest)
- AS ANOOSH SUNDAR E (Guest)
- AN Ashish Noah (Guest)
- BK bharath kumar (Guest)
- DP Deviya Prasanth (Organizer, Outside your organization)
- D Dhananisanth (Guest)
- DB Dilip kumar B (Guest)

Request control

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rajassakar (Guest) R SS HJ

Dr R Kumaravelan (Gu... DK DP Deviya Prasanth

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SM

S. Anirudh Shrinath (Guest) Dr R Kumaravelan (Guest)





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VJ



(7329) (Guest)

SM

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prabakaran. m (19ME...

Hanukshma J (Guest)

S. Animudh Shrinazhath (-

Dr R Kumaravelan (Guest)

bharath kumar (Guest)



VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY, AUTONOMOUS
DEPARTMENT OF MECHANICAL ENGINEERING
VALUE ADDED COURSE ON "AUTODESK FUSION 360"

Case Study:

- Design a "Delivery Drone" for the purpose of delivering online shopping products using AUTODESK FUSION 360

Conditions apply

- Drone should not exceed 20 kgs.
- Range to cover maximum area within 100km radius.
- Should be able to lift 15-25kgs.
- Should have a security and surveillance system.

DOY

(VAC coordinator)



M. J.

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DEPARTMENT OF MECHANICAL ENGINEERING
VALUE ADDED COURSE ON "AUTODESK FUSION 360"

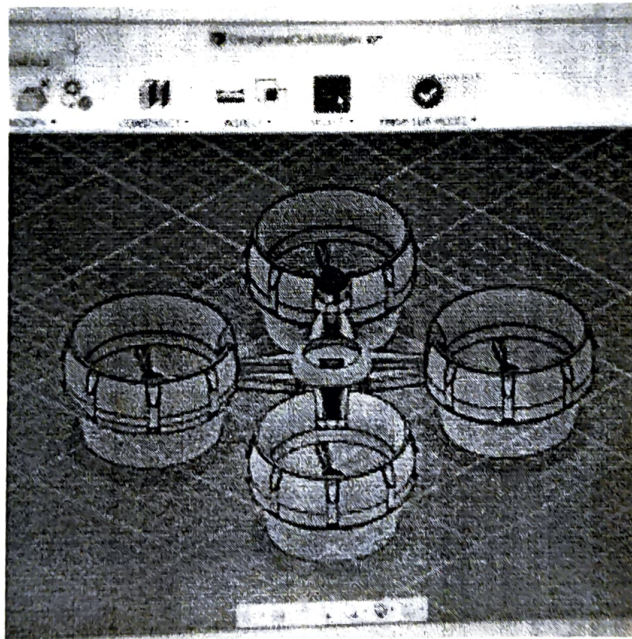
Case Study:

- Design a "Delivery Drone" for the purpose of delivering online shopping products using AUTODESK FUSION 360

Samples:

Name of the Student: S. ANIRRUDH SHRINAATH

Reg.No: 18MER004



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S.No	Register Number	Student Name (FULL)	The objectives of the course was clearly defined	Participation and interaction was encouraged	The topics covered were relevant to me	The content was organized and easy to flow	Was the material presented clearly and understandable	Did you find it easy to navigate through the program	The course objectives were met	Time allotted for the course was sufficient	Rate the quality of the speaker	Any other suggestion to help us to improve the quality of the course
21	18MER036	KAVIN V	5	4	5	5	5	4	5	5	4	Nil
22	18MER050	RAKAVI P	5	5	5	5	5	5	5	5	5	good
23	18MER051	ROBIN S	5	5	5	5	5	5	5	5	5	good
24	18MER053	SAMUEL D	5	5	5	5	5	4	5	5	4	Nil
25	18MER062	SHANKAR M	5	5	5	5	5	5	5	5	5	Nil
26	18MER065	SOWTHANYA P	5	5	5	5	5	5	5	5	5	good
27	18MER066	SRI LAKSHAYA V M	5	5	5	5	5	5	5	5	5	Nil
28	18MER067	SRI PRASANTH R	3	3	3	3	3	3	5	5	5	Nil
29	18MER074	VIJAY M J	5	5	5	5	5	5	3	5	5	Nil
30	18MER075	VIMAL KUMAR P	5	5	5	5	5	5	5	5	5	good
31	18MER076	VIMALANANDHAN S	5	5	5	5	5	5	5	5	5	Nil
32	18MEL009	KARTHIKEYAN P	5	5	5	5	5	5	5	5	5	Nil
33	19MER001	ABHISHEK S	5	5	5	5	5	5	5	5	5	good
34	19MER011	DILIPKUMAR B	3	5	3	5	3	5	3	5	3	Nil
35	19MER012	GOWTHAAM K	5	5	5	5	5	5	5	5	5	good
36	19MER015	HARIHARAN K	5	5	5	5	5	5	5	5	5	Nil
37	19MEL014	MOHANPRASATH G	5	5	5	5	5	5	5	5	5	good
38	19MER039	NIVETHA S	5	5	5	5	5	5	5	5	5	Nil
39	19MER041	PRABAKARAN M (17.09 2001)	5	5	5	5	5	5	5	5	5	Nil
40	19MER047	RAJASEKAR D	5	5	5	5	5	5	5	5	5	Nil
41	19MER048	SADEESH J	5	5	5	5	5	5	5	5	5	the course was nice
42	19MER051	SANJAY K	5	3	5	3	3	3	3	5	3	Nil
43	19MER055	SOWMYA N	5	5	5	5	5	5	5	5	5	Nil
44	19MER066	SREE MALAIKARUPPANSAMY S	5	5	5	5	5	5	5	5	5	the course was nice



309
VAC COORDINATOR

HOD/MECH 3/12/2020
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Sree Malar Engineering and Technology
MYSORE - 576 012

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY, AUTONOMOUS
DEPARTMENT OF MECHANICAL ENGINEERING
VALUE ADDED COURSE ON "AUTODESK FUSION 360"
FEEDBACK

S.No	Register Number	Student Name (FULL)	The objectives of the course was clearly defined	Participation and interaction was encouraged	The topics covered were relevant to me	The content was organized and easy to flow	Was the material presented clearly and understandable	Did you find it easy to navigate through the program	The course objectives were met	Time allotted for the course was sufficient	Rate the quality of the speaker	Any other suggestion to help us to improve the quality of the course
1	17MER008	ANOOSH SUNDAR.E.S	5	4	5	4	5	5	4	5	4	Nil
2	17MER016	BHARATH KUMAR.S	5	5	5	5	5	5	5	5	5	Nil
3	17MER029	GOWTHAM.M	5	5	5	5	5	5	5	5	5	Nil
4	17MER046	KISHORE.N.C	5	5	4	5	5	5	5	5	5	Nil
5	17MER056	MOHAN KUMAR.G.R	5	5	5	5	5	4	5	5	5	The course was excellent
6	17MER057	MOHANRAJ.A	5	5	5	5	5	5	5	5	5	Nil
7	17MER058	MONISH.S	5	4	4	4	4	4	4	5	4	Nil
8	17MER062	MYLANANDHAN V	5	5	5	5	5	5	5	5	5	Nil
9	17MER066	NARANDHIRAN A S	5	5	5	5	5	5	5	5	4	Nil
10	17MER088	REVANTH K	4	5	4	5	5	5	5	5	5	Nil
11	17MER112	VELMURUGAN K	5	5	5	5	5	5	5	5	5	Nil
12	17MER115	VJAYARAGHAIV C	5	5	5	5	5	5	5	5	4	The course was good
13	18MER004	ANIRRUDDH SHRINAATH S	4	5	5	5	4	5	5	5	5	Nil
14	18MER007	ASHISH NOAH J	5	5	5	5	5	5	5	5	5	Nil
15	18MER014	DHANANISANTH J	5	5	5	5	5	5	5	5	4	Nil
16	18MER021	GOKUL G	5	5	5	5	4	5	5	5	5	Nil
17	18MER023	HARIKRISHNA J	5	5	5	5	5	5	5	5	5	Nil
18	18MER026	HARRITH ALTHAF M	5	5	5	5	5	5	5	5	4	Nil
19	18MER027	INIYAN HARISH M	5	4	5	5	4	5	5	5	5	Nil
20	18MER030	JIJENDRA KUMAR M	5	5	5	5	5	5	5	5	5	Nil



[Handwritten Signature]
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