ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

ALVA'S
Education Foundation®

Department of Mechanical Engineering

CERTIFICATION COURSE

on

"CATIA"

ACADEMIC YEAR

2019-2020

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY
Shobhavana Campus, Mijar, Moodbidri – 574 225
Phone: 08258-262725 Fax: 08258-262726
DEPARTMENT OF MECHANICAL ENGINEERING

Date: 27/12/2019

CIRCULAR

The Certification course/ Workshop on **CATIA,** will be conducting from **7th January 2020 to 11th January 2012**0in **CAMED Lab,** Mech block, AIET, Mijar. All registered students are hereby informed to attend and actively participate in the course.

(HOD)

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

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Shobhavana Campus, Mijar, Moodbidri – 574 225
Phone: 08258-262725 Fax: 08258-262726
DEPARTMENT OF MECHANICAL ENGINEERING

Date: 27/12/2019
Place: AIET, Moodbidri.

APPROVAL LETTER

To,

The Principal,
AIET, Moodbidri

Respected Sir,

Sub: - Approval for Organizing the Students Certification/Training Program on "CATIA"- Reg.

With reference to the subject cited above, I would like to bring to your kind notice that, the Department is planning to host a Student Training Program/certification course on **"CATIA"** from **"7th January 2020 to 11th January 2020".**

Kindly consider the above request and approve the same for further proceedings.

Thanking you Sir.

Coordinator:
Mr. Kiran C H
Mr. Veerendra K

Head of the Department:

H. O. D.
Dept. Of Mechanical 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.

Resource Person

Mr. KIRAN C H & Mr VEERENDRA K

AIET, Moodbidri

Convener:

Dr. Satyanarayan

Associate Prof. Department of ME

Coordinators:

1. **Prof. PramodKumar N**
2. **Prof. Hemanth S**

ABOUT THE INSTITUTION

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

Alva's Institute of Engineer and Technology, Moodbid

ALVA'S
Education Foundation®

5 days Certification course/Workshop on

"CATIA"

From 7th Jan to 11th Jan 2020

Organized by

Department of Mechanical Engineeri

Venue: CAMD lab, Mech Building, AIET

ABOUT ME DEPARTMENT

The Department was started in the year 2008 Department of Mechanical Engineering was established in the year 2008 with an intake of 60 and has enhanced to 180 from academic year 2012□13. The Post Graduate course, M.Tech in Thermal Power Engineering was introduced from the academic year 2012-13 with an intake of 18 students. Department is recognized as a research centre by VTU. Department is actively involved in Curricular and extracurricular activities in associations with professional bodies. The main objective of the department is to provide academic excellence, knowledge and nurture talent in the area of Mechanical Engineering. The department has started Bio Diesel research testing centre in the campus to explore in the area of Alternative Fuels.

Department vision is to develop Quality Mechanical Engineers to meet the ever growing and ever changing needs of the economy. The Department is committed to provide high quality technical education at under graduate and post graduate level by means of state of art curriculum with best teaching-learning process.

COURSE CONTENT

Introduction

Sketcher

Modelling of Machined Component (Part Modelling)

Drafting

Assembly

PROGRAM SCHEDULE

7th –January 2020

Inauguration:	09:30 am to 10:00 am
Keynote Address:	10:00 am to 11:00 am
Tea Break:	11:00 am to 11:15 am
Session 1:	11:15 am to 01:00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 2:	02:00 pm to 05:00 pm

8th –January 2020

Session 3:	09.00 am to 11:00 am
Tea Break:	11.00 am to 11.20 am
Session 4:	11.20 am to 01.00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 5:	02:00 pm to 05:00 pm

9th –January 2020

Session 6:	09.00 am to 11:00 am
Tea Break:	11.00 am to 11.20 am
Session 7:	11.20 am to 01.00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 8:	02:00 pm to 05:00 pm

10th –January 2020

Session 9:	09.00 am to 11:00 am
Tea Break:	11.00 am to 11.20 am
Session 10:	11.20 am to 01.00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 11:	02:00 pm to 05:00 pm

11th –January 2020

Session 12:	09.00 am to 11:00 am
Tea Break:	11.00 am to 11.20 am
Session 13:	11.20 am to 01.00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 14:	02:00 pm to 05:00 pm

VISION OF THE DEPARTMENT

Impart Quality Technical Education to excel in Mechanical Engineering to meet the needs of the community

MISSION OF THE DEPARTMENT

1. Empower student knowledge in basic and applied areas of Mechanical Engineering
2. Strengthening collaboration with industries, research organizations and institutes for internship, joint research and consultancy
3. To inculcate entrepreneurial skills and human values in order to cater the needs of society
4. Exposure to industrial practices for managerial skills and professionalism

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DEPARTMENT OF MECHANICAL ENGINEERING

Attendance list of Students for CATIA Certification course

SL N	USN	NAME
1.	4AL15ME719	**Mohammed Dhanish**
2.	4AL16ME026	Manish Hegde
3.	4AL16ME034	Mounesh
4.	4AL16ME055	Rakesh Shetty
5.	4AL16ME101	Manoj B
6.	4AL17ME001	Abdul Rahiman
7.	4AL17ME002	Abhijith
8.	4AL17ME003	Adithya Nayak
9.	4AL17ME004	Adithya R Bhat
10.	4AL17ME005	Adithya Rathore
11.	4AL17ME006	Akash M
12.	4AL17ME007	Akshay Kulal
13.	4AL17ME008	Akshay Kumar S
14.	4AL17ME009	Alisab M
15.	4AL17ME010	Anson Dmello
16.	4AL17ME012	Arjun R
17.	4AL17ME013	Ashutosh R Sh
18.	4AL17ME014	Aswin Thankachan
19.	4AL17ME015	Bharath BD
20.	4AL17ME016	C Zulkifly
21.	4AL17ME017	Chandana G S
22.	4AL17ME018	Charan M S
23.	4AL17ME019	Chinmay Ganesh k
24.	4AL17ME020	Chirag K R
25.	4AL17ME021	Devaraj P Sataraddi
26.	4AL17ME022	Girish L
27.	4AL17ME023	Gururaj
28.	4AL17ME024	Harshavardhana A
29.	4AL17ME025	Harshith G B
30.	4AL17ME026	Hemanth P
31.	4AL17ME027	Husenbasha
32.	4AL17ME028	Inamdar Pavan R
33.	4AL17ME029	K Mahanthesh
34.	4AL17ME030	Karan H S
35.	4AL17ME031	Karthik Prabhu
36.	4AL17ME032	Kishor H H
37.	4AL17ME033	KUNDER VIKRANT V
38.	4AL17ME034	LaxamannaB Hebbal
39.	4AL17ME035	Madhu G K

	4AL17ME075	Suhas A
80.	4AL17ME076	Sujan Shekar H S
81.	4AL17ME077	Suman Singh
82.	4AL17ME078	Suraj Koli
83.	4AL17ME080	Tajuddin H I
84.	4AL17ME081	Thachery Dhaxith
85.	4AL17ME083	Veena V
86.	4AL17ME084	Vignesh K R
87.	4AL17ME085	Vignesh P S
88.	4AL17ME086	Vikas Shivayogi K
89.	4AL17ME087	Vineeth R Shetty
90.	4AL17ME715	Mohammed Sohail
91.	4AL17ME088	Vinodraj
92.	4AL17ME089	Viresh B Sirimani
93.	4AL17ME090	Vishal S
94.	4AL17ME091	Yashwanth C
95.	4AL17ME700	Amara N S
96.	4AL17ME701	Ashish S Shetty
97.	4AL17ME702	Keerthinath B M
98.	4AL17ME703	Pavan R
99.	4AL17ME704	Shankar U Bhimarani
100.	4AL17ME705	Shridhar Shivakumar H
101.	4AL17ME706	Varun S
102.	4AL18ME400	Anand N Bhoviwaddar
103.	4AL18ME401	Anil Kumar S
104.	4AL18ME402	Ashish Pinto
105.	4AL18ME403	Mallikarjun G
106.	4AL18ME404	Mardanali G Nadaf
10	4AL18ME405	Pavankumar.S

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108.	4AL18ME406	Sachin
109.	4AL18ME407	Sanganabasu Gudoor
110.	4AL18ME408	Soujanya Hm
111.	4AL18ME409	Subrahmanya. V. Bhat
112.	4AL17ME092	**Chandrika M**
113.	4AL15ME032	Dhanik N
114.	4AL15ME002	Abhishek C H
115.	4AL17ME093	**Asha N B**
116.	4AL16ME700	Abhishek BIRADAR
117.	4AL16ME702	Anil Kumar G R
118.	4AL16ME703	B S Abhishek Acharya
119.	4AL16ME704	Basavaraj Kadakal
120.	4AL16ME709	Irfan Bagewadi
121.	4AL16ME710	Karthik K

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SL N	USN	NAME	7-01-20		8-01-20		9-01-20		10-01-20		11-01-20		12-01-20		Sign
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
1.	4AL15ME719	Mohammed Dhanish	A	A	A	A	P	P	P	P	P	A	P	P	
2.	4AL16ME026	Manish Hegde	P	P	P	P	P	A	A	P	P	P	P	P	
3.	4AL16ME034	Mounesh	P	P	P	A	A	P	P	P	P	P	P	P	
4.	4AL16ME055	Rakesh Shetty	P	P	A	A	P	P	P	P	P	P	P	P	
5.	4AL16ME101	Manoj B	P	P	P	P	P	P	A	A	A	P	P	P	
6.	4AL17ME001	Abdul Rahiman	P	P	P	P	P	P	P	P	A	A	P	P	
7.	4AL17ME002	Abhijith	P	P	P	P	P	P	P	P	P	P	A	A	
8.	4AL17ME003	Adithya Nayak	P	A	P	A	A	P	P	P	P	P	P	P	
9.	4AL17ME004	Adithya R Bhat	P	P	P	P	P	A	A	P	P	P	P	P	
10.	4AL17ME005	Adithya Rathore	P	P	A	A	A	P	P	P	P	P	P	P	
11.	4AL17ME006	Akash M	P	P	?	P	P	P	P	P	P	P	P	P	
12.	4AL17ME007	Akshay Kulal	P	P	P	P	P	P	P	P	P	P	P	P	
13.	4AL17ME008	Akshay Kumar S	P	P	P	P	P	P	P	P	P	P	P	P	
14.	4AL17ME009	Alisab M	A	A	P	P	A	P	P	P	P	P	P	P	
15.	4AL17ME010	Anson Dmello	P	P	P	P	P	P	P	P	A	P	P	P	
16.	4AL17ME012	Arjun R	P	P	P	P	P	P	P	A	P	P	P	P	
17.	4AL17ME013	Ashutosh R Sh	P	P	P	P	A	P	P	P	A	A	P	P	
18.	4AL17ME014	Aswin Thankachan	P	P	P	P	P	P	P	P	A	P	A	P	
19.	4AL17ME015	Bharath BD	P	P	P	P	A	A	P	P	P	P	P	P	
20.	4AL17ME016	C Zulkifly	P	P	P	P	P	A	A	P	P	P	A	P	
21.	4AL17ME017	Chandana G S	P	P	P	P	P	P	P	P	P	P	P	P	
22.	4AL17ME018	Charan M S	P	P	P	P	P	A	A	P	P	P	P	P	
23.	4AL17ME019	Chinmay Ganesh k	P	P	P	P	P	P	A	P	P	P	P	P	
24.	4AL17ME020	Chirag K R	P	P	P	P	P	P	P	A	P	P	P	P	
25.	4AL17ME021	Devaraj P Sataraddi	P	P	P	P	P	P	P	P	P	P	P	P	
26.	4AL17ME022	Girish L	P	P	P	P	P	P	P	A	P	P	P	P	
27.	4AL17ME023	Gururaj	P	P	P	P	P	P	P	P	P	P	P	P	
28.	4AL17ME024	Harshavardhana A	P	P	P	P	P	P	P	P	P	P	P	P	
29.	4AL17ME025	Harshith G B	P	P	P	P	P	P	P	P	P	P	P	P	
30.	4AL17ME026	Hemanth P	P	P	P	P	P	P	P	P	P	P	P	P	
31.	4AL17ME027	Husenbasha	P	P	A	P	P	P	A	P	P	P	P	P	
32.	4AL17ME028	Inamdar Pavan R	P	P	P	P	P	P	P	A	A	P	P	P	
33.	4AL17ME029	K Mahanthesh	P	P	P	A	P	A	P	P	P	P	P	P	
34.	4AL17ME030	Karan H S	P	P	P	P	P	P	A	A	A	P	P	P	
35.	4AL17ME031	Karthik Prabhu	P	P	P	P	P	P	P	P	P	P	P	P	
36.	4AL17ME032	Kishor H H	P	P	P	P	P	P	P	P	P	P	P	P	
37.	4AL17ME033	KUNDER VIKRANT V	P	P	A	A	P	A	P	A	P	P	P	P	
38.	4AL17ME034	LaxamannaB Hebbal	P	P	P	P	P	P	A	P	P	P	A	P	
39.	4AL17ME035	Madhu G K	P	P	P	P	A	P	P	A	P	P	P	P	
40.	4AL17ME036	Mithesh Gowda J R	P	P	P	P	P	P	P	P	P	P	P	P	
41.	4AL17ME037	Musthak Ahamed T H	P	P	P	P	P	P	P	P	P	P	P	P	
42.	4AL17ME038	N Sunil Naik	P	P	A	A	A	P	P	P	P	P	P	P	
43.	4AL17ME039	Nandeesh M Hiremath	A	A	P	P	A	P	A	P	P	P	P	P	
44.	4AL17ME040	Naveen Kumar M C	P	P	P	P	P	P	P	P	P	P	P	P	
45.	4AL17ME041	Pavan	P	P	P	P	P	P	P	P	P	P	P	P	
46.	4AL17ME042	Prafful M S	P	P	P	P	P	P	P	P	P	P	P	P	
47.	4AL17ME043	Gawda Purushotham	P	P	A	P	A	P	P	P	P	A	P	P	

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DEPARTMENT OF MECHANICAL ENGINEERING

	4AL17ME044	R Uma Shankar	P	P	P	A	A	A	P	P	P	P	?	P	
49.	4AL17ME045	Raghavendra M G	A	A	A	P	P	P	P	P	P	P	P	P	
50.	4AL17ME046	Rahul H N	P	P	P	P	P	P	P	P	P	P	P	P	
51.	4AL17ME047	Rajnish Kumar M	A	P	P	P	P	P	P	P	P	A	P	P	
52.	4AL17ME048	Rakesh K S	P	P	P	P	A	P	A	P	P	P	P	P	
53.	4AL17ME049	Rakshak Rai	P	P	P	P	P	P	P	A	P	P	P	P	
54.	4AL17ME050	Rakshith Ramesh	A	A	A	P	A	P	P	P	A	P	P	P	
55.	4AL17ME051	Rathnakara	P	P	P	P	A	P	P	A	P	P	A	P	
56.	4AL17ME052	Rishab Rajesh Rao	P	P	P	A	P	P	P	P	P	P	P	A	
57.	4AL17ME053	Rohan Prabhu	A	P	P	P	P	P	A	P	P	P	P	P	
58.	4AL17ME054	Rohith Raju Soradi	P	P	P	P	P	P	P	P	A	P	P	P	
59.	4AL17ME055	Rithesh S Shetty	P	P	P	P	A	P	P	P	P	P	P	P	
60.	4AL17ME056	S Y Mohan Kumar	P	P	A	P	P	P	P	P	A	P	P	P	
61.	4AL17ME057	Sachin Krishna Moger	P	A	P	A	P	P	A	A	P	P	P	P	

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			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
1.	4AL17ME058	Sanjay M	P	P	A	A	P	P	P	P	P	P	
2.	4AL17ME059	Shanthakumar N	P	P	P	P	A	P	P	P	P	P	
3.	4AL17ME060	Shashank V Poojary	P	P	P	P	P	P	A	P	P	P	
4.	4AL17ME061	Shetty Ritvik Sudhakar	P	P	P	P	P	P	P	P	P	P	
5.	4AL17ME062	Shetty Sanket Sudhakar	P	P	P	P	P	P	P	P	P	P	
6.	4AL17ME063	Shetty Yashas Balakrishna	P	A	A	P	P	P	P	P	P	P	
7.	4AL17ME064	Shravankumar M Timmapur	P	A	P	A	P	P	P	P	P	P	
8.	4AL17ME065	Shreyas Tiwari	A	P	A	P	P	P	P	A	P	P	
9.	4AL17ME066	Shrivatsa S Taddewadi	P	P	P	P	P	P	P	P	P	P	
10.	4AL17ME067	Sidharth S	P	P	P	P	P	P	P	P	P	P	
11.	4AL17ME068	Singh Nikhil Devendra	A	P	P	P	P	P	P	P	P	P	
12.	4AL17ME069	Sourabh	P	P	P	A	P	P	P	P	P	P	
13.	4AL17ME070	Soyab P Nadaf	P	P	P	P	A	P	P	P	P	P	
14.	4AL17ME071	Sree Raksha S	P	P	P	P	P	P	P	P	P	P	
15.	4AL17ME072	Srivatsa H S	P	P	P	P	P	P	A	A	P	P	
16.	4AL17ME073	Sudarshan B	P	P	P	P	P	P	P	P	P	P	
17.	4AL17ME074	Suddep Kumar Jain	P	P	P	P	A	P	P	P	P	P	
18.	4AL17ME075	Suhas A	P	P	P	P	A	A	P	P	P	P	
19.	4AL17ME076	Sujan Shekar H S	P	P	P	P	P	P	P	P	P	P	
20.	4AL17ME077	Suman Singh	A	A	P	P	P	P	P	P	P	P	
21.	4AL17ME078	Suraj Koli	P	P	A	A	P	P	P	P	P	P	
22.	4AL17ME080	Tajuddin H I	P	P	P	P	P	P	P	P	P	P	
23.	4AL17ME081	Thachery Dhaxith	P	P	P	P	P	P	A	A	P	P	
24.	4AL17ME083	Veena V	P	P	P	P	P	P	P	P	P	P	
25.	4AL17ME084	Vignesh K R	P	P	P	P	P	P	P	P	P	P	
26.	4AL17ME085	Vignesh P S	P	P	P	P	P	P	P	A	P	P	
27.	4AL17ME086	Vikas Shivayogi K	P	P	P	P	P	P	P	P	P	P	
28.	4AL17ME087	Vineeth R Shetty	P	P	P	P	P	P	A	P	P	P	
29.	4AL17ME715	Mohammed Sohail	P	P	P	P	P	P	P	P	P	P	
30.	4AL17ME088	Vinodraj	P	P	P	P	P	A	A	P	P	P	
31.	4AL17ME089	Viresh B Sirimani	P	P	P	P	P	P	P	P	P	P	
32.	4AL17ME090	Vishal S	P	P	P	P	P	P	P	P	P	P	
33.	4AL17ME091	Yashwanth C	P	P	A	P	P	P	P	P	P	P	
34.	4AL17ME700	Amara N S	P	P	P	P	P	P	P	P	P	P	
35.	4AL17ME701	Ashish S Shetty	P	A	P	P	P	P	P	P	P	P	
36.	4AL17ME702	Keerthinath B M	A	P	P	P	P	P	P	P	P	P	
37.	4AL17ME703	Pavan R	P	P	P	P	P	P	P	P	P	P	
38.	4AL17ME704	Shankar U Bhimarani	P	P	A	P	P	P	P	P	P	P	
39.	4AL17ME705	Shridhar Shivakumar H	A	A	P	P	P	P	A	P	P	P	
40.	4AL17ME706	Varun S	P	P	P	P	P	A	P	P	P	P	
41.	4AL18ME400	Anand N Bhoviwaddar	P	P	P	P	P	P	P	A	P	P	
42.	4AL18ME401	Anil Kumar S	P	P	P	P	P	P	P	A	A	P	
43.	4AL18ME402	Ashish Pinto	A	A	A	P	P	P	P	P	P	P	
44.	4AL18ME403	Mallikarjun G	P	P	P	A	A	P	P	P	P	P	
45.	4AL18ME404	Mardanali G Nadaf	P	P	P	P	P	P	A	A	P	P	

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DEPARTMENT OF MECHANICAL ENGINEERING

	4AL18ME405	Pavankumar.S	A	A	A	A	A	A	A	A	A	A
47.	4AL18ME406	Sachin	P	P	A	P	P	P	P	P	P	P
48.	4AL18ME407	Sanganabasu Gudoor	P	P	P	P	P	P	P	P	P	P
49.	4AL18ME408	Soujanya Hm	P	P	P	P	P	P	P	P	P	P
50.	4AL18ME409	Subrahmanya. V. Bhat	A	P	P	P	P	P	P	P	P	P
51.	4AL17ME092	Chandrika M	P	P	P	A	P	P	P	P	P	P
52.	4AL15ME032	Dhanik N	P	P	P	P	P	P	P	P	P	A
53.	4AL15ME002	Abhishek C H	P	P	P	P	A	P	P	P	P	A
54.	4AL17ME093	Asha N B	P	P	P	P	P	A	A	P	P	P
55.	4AL16ME700	Abhishek BIRADAR	P	A	P	A	P	P	P	P	P	P
56.	4AL16ME702	Anil Kumar G R	P	P	P	P	P	P	P	P	P	P
57.	4AL16ME703	B S Abhishek Acharya	P	P	P	P	P	P	P	P	P	P
58.	4AL16ME704	Basavaraj Kadakal	A	A	P	P	P	P	P	P	A	P
59.	4AL16ME709	Irfan Bagewadi	P	P	P	P	P	P	P	A	P	P
60.	4AL16ME710	Karthik K	P	P	P	P	P	P	P	P	P	P
61.	4AL16ME071	SHETTY AKASH	P	P	P	P	P	P	P	P	P	P
62.	4AL16ME701	Akash Dundappa Jakkanatti	A	A	P	P	P	P	A	P	P	P
63.	4AL17ME418	Shravan kumar	P	P	P	P	P	P	P	P	P	P

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Attendance List Of Students For CATIA Certification course

Adithya Rathe
4AL17ME005

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Quiz on CATIA Course

1. Basic Catia V5: A part in Catia V5 has which suffix?
A. *.CATPart ✓
B. *.Model
C. *.Prt
D. *.Dwg

2. Basic Catia V5: Is "wrench-Bonn?et_string.CATPrpduct" an acceptable filename in Catia?
A. True
B. False ✓

3. Basic Catia V5: If you are missing a toolbar what do you do?
A. Right-click on an icon and look for it there or check View-Toolbars ✓
B. Start a different module of Catia and look for it there
C. Close and start Catia again
D. Close the open document and open it again

4. Basic Catia V5: An assembly in Catia V5 has which suffix?
A. *.Model
B. *.CATPart
C. *.Prt
D. *.CATProduct ✓

5.Part Design: When a new plane is created, where, in the specification tree, will it appear? (It is NOT a hybrid model)
A. In the Geometrical Set.1 body ✓
B. In the PartBody
C. Just after the zx plane

6. Part Design: What is a draft feature?
A. The function is often used when the part is going to be cast/forged/formed somehow with a tool ✓
B. It is a feature you can use for creating lines
C. The function is often used within styling
D. You can create a pad with fillets with this command

7. Part Design: The term "parametric" means that a solid geometry is controlled by driving dimensions.
A. True ✓
B. False

8. Part Design: When is it a good idea to use multi-body techniques?
A. For instance when designing complex and/or molded parts ✓
B. When assemble complex products
C. When you have many surfaces
D. When you need to create a drawing

9. Part Design: What is a skeleton?
A. Help geometry that you can use as reference ✓
B. A thinwalled CATIA model
C. Skeleton is another name for a sketch
D. Skeleton is another name for a geometrical set.

10. Part Design: What is true about sketch-based features?
A. You need at least one sketch to create them ✓
B. They can only be created in the PartBody (the first body)
C. It is an isolated sketch
D. They need a surface as parent element

11. Sketcher: When work is finished, why is it a good idea to use Sketch analysis?
A. To verify that geometry in sketch is correct ✓
B. To measure geometry in sketch
C. To change geometry in sketch
D. To change color/thickness of geometry in sketch

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Quiz on CATIA Course

12. Sketcher: The Sketcher workbench is a standalone workbench that allows you to save a *:CATSketch file
A. True
B. False ✓

13. Drafting: How do you create your first view (Front view)?
A. Pick front view icon and pick a plane in the 3D viewer, Part or Assembly ✓
B. Copy the object from assembly or part and paste it on the drawing
C. Pick a plane on object and right click choose in menu Front view
D. Drag the part or assembly into the drawing sheet

14. Drafting: How do you see which drawing view is active?
A. The active view has a red frame ✓
B. All views are active!
C. Only the active view is visible

15.Drafting: When you create an exploded view you usually use a tool called Enhanced Scene. Why?
A. You can create an exploded view which doesn't affect the "master" product ✓
B. You can create position balloons there
C. You can create a Bill of material list there
D. You can create an animated movie there

15/15

Training Evaluation Form

Date: 7th Jan – 11th Jan 2020

Title: CATIA

Trainer: Kiran C.H & Veerendra.K

Instructions: Please indicate your level of agreement with the statements listed below in #1-11.

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1. The objectives of the training were clearly defined.	☑	☐	☐	☐	☐
2. Participation and interaction were encouraged.	☐	☐	☑	☐	☐
3. The topics covered were relevant to me.	☐	☑	☐	☐	☐
4. The content was organized and easy to follow.	☐	☐	☑	☑	☐
5. The materials distributed were helpful.	☐	☑	☐	☐	☐
6. This training experience will be useful in my work.	☐	☑	☐	☐	☐
7. The trainer was knowledgeable about the training topics.	☑	☐	☐	☐	☐
8. The trainer was well prepared.	☑	☐	☐	☐	☐
9. The training objectives were met.	☐	☑	☐	☐	☐
10. The time allotted for the training was sufficient.	☐	☐	☑	☐	☐
11. The meeting room and facilities were adequate and comfortable.	☐	☑	☐	☐	☐

☐

12. What did you like most about this training?

The way trainer teaches.

13. What aspects of the training could be improved?

with 3D printing along with CATIA

14. How do you hope to change your practice as a result of this training?

— NIL —

15. What additional trainings would you like to have in the future?

— NIL

16. Please share other comments or expand on previous responses here:

— NIL

Thank you for your feedback!

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Shobhavana Campus, Mijar, Moodbidri DK Karnataka-574225

DEPARTMENT MECHANICAL ENGINEERING

Certificate

This is to certify that Mr./Ms. Adithya Rathore *bearing the USN* 4AL17ME005 *from* Mechanical Department *has attended the Students Workshop Program on "CATIA" from 7th January 2020 to 11th January 2020.*

Mr. Hemanth S
Coordinator

Head of the Department
Mechanical Engineering

Dr. Peter Fernandes
Principal
AIET Moodbidri

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Department of Mechanical Engineering

ACADEMICS YEAR 2019-20

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

Title of The course : CATIA
Course Outcomes : The student have learnt to • Demonstrate competency with multiple drawing and modification commands in CATIA. • Create three-dimensional solid models. • Create three-dimensional assemblies incorporating multiple solid models. • Apply industry standards in the preparation of technical mechanical drawings. • Create Simulation of the assemblies incorporating multiple solid models

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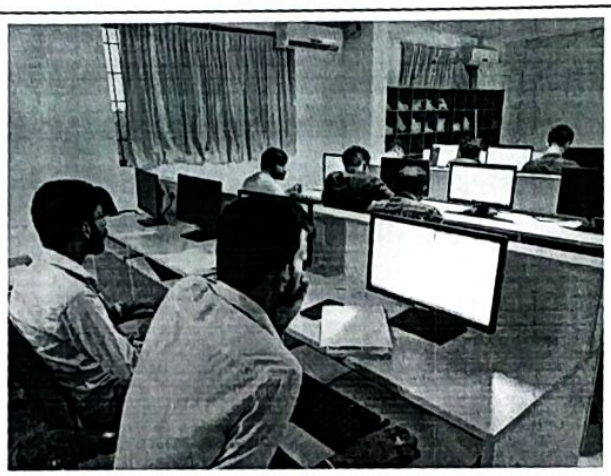
DEPARTMENT OF MECHANICAL ENGINEERING

REPORT ON
CATIA

Department of Mechanical Engineering, AIET, Mijar organized a **5 days Certification Course/Workshop** on "CATIA" on 7th **Jan to 11th Jan 2020**. The workshop/certification course was inaugurated by, Dr. Satyanarayan, from Dept. ME and all staff members and student volunteers were also present during the inauguration function and also total **116 participants** had been attended this certification course.



For candidates especially for diploma, ITI and Mechanical students who have urge in enhancing skills in the field CATIA is a multi platform 3D software suite developed by Dassault Systèmes, encompassing CAD, CAM as well as CAE. Dassault is a French engineering giant active in the field of aviation, 3D design, 3D digital mock-ups, and product lifecycle management (PLM) software. CATIA is a solid modelling tool that unites the 3D parametric features with 2D tools and also addresses every design-to-manufacturing process. In addition to creating solid models and assemblies, CATIA also provides generating orthographic, section, auxiliary, isometric or detailed 2D drawing views. It is also possible to generate model dimensions and create reference dimensions in the drawing views. The bi-directionally associative property of CATIA ensures that the modifications made in the model are reflected in the drawing views and vice-versa

CATIA has a modeling like part design, generative shape design, assembly kinematic simulation..etc learnt by the students.

Coordinator

HOD

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