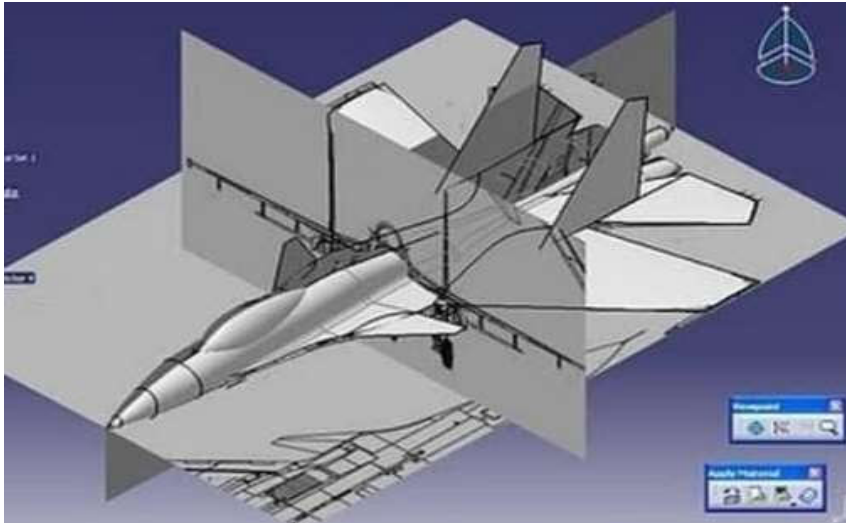




Certificate Course
ON

CATIA SURFACE MODELLING

From 6th December 2021 to 11th December 2021



ORGANIZED BY

DEPARTMENT OF MECHANICAL ENGINEERING

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Permanently Affiliated to JNT University Kakinada,
ACCREDITED BY NAAC and Recognized under 2(f) & 12 (b) by UGC, NewDelhi)
Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

Avanthi Educational Society under the Leadership of Sri M. Srinivasa Rao garu as chairman was started in the Year 1991. Within a short span of its establishment, the group has made a remarkable stride in the field of education offering various courses at Under Graduate, Post Graduate, Pharmacy & Engineering levels. This milestone is achieved as the institution carved itself to impart quality and career oriented education, countering the challenges of the modern world through planning, dedication, determination, prompt execution and with the innovative ideas of our advisory board.

Today, Avanthi Educational Society is proud to have a strength of over 16000 students with 15 institutions under its ambit. It is the path of glory towards the success during the last 19 years. The institution has been adjudged many times as the second best educational institutions in the twin cities and 16th best in all over India through the impartial survey made by the renowned magazine "India Today".

AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

AIET started in the year 1999 and offers various courses at Engineering and PG level. The college is providing with rooms, computer centre, laboratories and seminar hall with audio-visual equipments. Industry Institute interaction is conducted regularly to emphasize on the latest trends in the present market.



It is very near to Narsipatnam. Frequent bus facilities are available both from and to Visakhapatnam and Narsipatnam. Very safe and secure hostel facility is available for Girl students. These are the additional facilities besides excellent academic atmosphere in the college campus.

DEPARTMENT OF MECHANICAL ENGINEERING

Mechanical Engineering department was started in the year 2005 with intake strength of 60 seats, this was increased to 120 students in 2012 and this was increased to 180 students in 2013. The department has well qualified and trained faculty members. It has well equipped laboratories and workshops and includes a CAD/CAM laboratory where students are imparted training in advanced production techniques and design and analysis of machine elements.

The department of Mechanical Engineering has been contributing its humble share of the Mechanical Engineering graduates for national needs. Several of the graduates who have passed out of this department are occupying responsible positions in various Engineering Industries like Hindustan Shipyard Limited, Renault Nissan, Varun Motors, Tata Consultancy Services, HP and IBM and holding responsible positions in the premier educational institutes in and outside India.

CHIEF PATRON

Smt .M.Gnaneswari
President ,
Avanthi Educational Society

PATRON

Dr. C P V N J Mohan Rao
Principal,
Avanthi Institute Of Engineering And Technology

CHAIRMAN

Sri. V. Harikiran
Head of the Department
Mechanical Engineering

ABOUT WORKSHOP

Modelling using surfacing techniques not only allows to create complex geometry and shapes, but also it comes in handy for designers making edits and fixes to existing solid models, and repairing imported parts. With the increasing demand of variety of products, the industry of manufacturing is aiming to produce quality and economical products. The faculty members in the engineering institutions should have potential in the area of design and impart their knowledge to the students so that the students graduated are fruitful to the society. The innovative designs need to be developed to meet the demands of the customer and industry.

TOPICS TO BE COVERED

Introduction to CATIA, Surfacing terminology, Surface design process, Creating wireframe geometry, Creating simple & Complex surfaces, Surface geometry in part Design Workbench, Geometrical element Management, Boundary representation, Surface Fillets.

For Registration, please contact Mrs. P. Sadhana, Assistant Professor,
Department of Mechanical Engineering.



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DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR

Date: 3/12/2021

We are happy to inform you that, Department of Mechanical Engineering, AIET is organizing six day certificate course on "CATIA Surface Modelling" from 6th December, 2021 to 11th December, 2021 in Physical mode for all 3rd & 4th B. Tech students. Interested candidates are directed to enrol above course on or before 5/12/2021. For further details contact Course Coordinator Mr. A.N.S. Surya Prakash, Assistant Professor, Mechanical Engineering.

Resource Person Details:

Sri M. Priyadarshi Kumar,

APSSDC Trainer.

V. Harikiran

HOD of Mechanical Engineering Department

Copy to: Principal, AIET

Head of the Department
Department of Mechanical Engg.
Avanthi Institute of Engg. & Tech.,
Makavarapalem, Visakhapatnam-531113.



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DEPARTMENT OF MECHANICAL ENGINEERING

CATIA Surface Modelling

6th December 2021 to 11th December 2021

Syllabus

CHAPTER -1

Introduction about the workshop and CATIA Fundamentals, usage of Various types of tools in CATIA and their applications and create, save various types of CATIA documents. Workbench Selection, Part Design.

CHAPTER -2

CATIA Module, Title bar, Menu Bar, Specification Tree, Navigation Tab, Operation tool bar

CHAPTER -3

CATIA Part design and creating wireframe geometry, creating simple & complex surfaces

CHAPTER -4

Areas of part design and geometrical element management, Tool bar features like Annotation, Law tool bar, Replication tool bar, commands used in CATIA surface modelling

CHAPTER -5

CATIA Generative surface design, Creating Boundary Representation, surface fillets, design process in part design workbench

Outcomes of the workshop:

After understanding the Fundamentals of CATIA the students can be able to draw the 2D drawings in sketcher module with ease. Understand the advanced solutions for conceptual design, 3D modelling and documentation. This workshop will also enable the students to understand about the product design, industrial design and styling. The students will be able to design streamline 2D design, surface modelling documentation with powerful tools for layout, drawing and 3D annotation


COORDINATOR


HOD

Head of the Department
Department of Mechanical Engg.
Avanthi Institute of Engg. & Tech.,
Makavarapalem, Visakhapatnam-531113.



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DEPARTMENT OF MECHANICAL ENGINEERING

CATIA Surface Modelling

6th December 2021 to 11th December 2021

Program Schedule

DAY - 1 (06/12/2021)

09:00AM-09:30AM - Inaugural Session

09:30AM-10:30AM - Introduction about the workshop and CATIA Fundamentals

10:30AM-11:30AM - usage of Various types of tools in CATIA and their applications and create, save various types of CATIA documents

11:30AM-12:00PM - Explanation about surfacing terminology

12:00PM-12:30PM -Perform various tasks concerning 3D Navigation and geometry selection

12:30PM-01:00PM - Create and constrain sketches and describe the functional capabilities and general usage of: Part Design

01:00PM – 01:30PM – Lunch Break

01:30PM – 03:30PM – Explanation about surface design process in part design Workbench

03:30PM – 04:00PM – Doubts Clarification session

DAY – 2 (07/12/2021)

09:00AM-09:30AM – About CATIA Sketcher Module

09:30AM-11:30AM – Title bar, Menu Bar, Specification Tree, Navigation Tab, Drawing area, Sketcher, Profile tool bar, Constraint tool bar.

11:30AM-11:40PM – Tea Break

11:40AM-01:00PM – Operation tool bar, Sketch tools

01:00PM – 01:30PM – Lunch Break

01:30PM – 04:00PM - Exercises-10 No's practice session

DAY – 3 (08/12/2021)

09:00AM-09:30AM – Introduction to CATIA Part Design and utility of part design

09:30AM-11:30AM – Creating the wireframe geometry

11:30AM-11:40PM – Tea Break

11:40AM-01:00PM – Creating simple & complex Surfaces

01:00PM – 01:30PM – Lunch Break

01:30PM – 04:00PM - Practice session and Doubts clarification session.

DAY – 4 (09/12/2021)

09:00AM-09:30AM – Introduction to areas for the part design and geometrical element management

09:30AM-11:30AM – Explanation about the Tool bars features like Annotations tool bar, Law tool bar, Replication tool bar

11:30AM-11:40PM – Tea Break

11:40AM-01:00PM – Explanation about some of commands used in CATIA like EXTRUDE, FILL, OFFSET, SWEEP

01:00PM – 01:30PM – Lunch Break

01:30PM – 04:00PM - Practice session and Doubts clarification session.

DAY – 5 (10/12/2022)

09:00AM-09:30AM – CATIA Generative Surface Design

09:30AM-11:30AM – How to create Boundary Representation

11:30AM-11:40PM – Tea Break

11:40AM-01:00PM – Creating the Surface Fillets, various complex shapes designs

01:00PM – 01:30PM – Lunch Break

01:30PM – 04:00PM – Practice session and Doubts clarification session

DAY-6(11/12/2022)

09:00AM-09:30AM – CATIA Surface operations

09:30AM-11:30AM – How to create and modify surfaces

11:30AM-11:40PM – Tea Break

11:40AM-01:00PM – How to create final feature & plane on curve

01:00PM – 01:30PM – Lunch Break

01:30PM – 04:00PM – Valedictory Session


COORDINATOR


HOD

Head of the Department
Department of Mechanical Engg.
Avanthi Institute of Engg. & Tech.,
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DEPARTMENT OF MECHANICAL ENGINEERING

CATIA Surface Modelling

From 6-12-2021 to 11-12-2021

STUDENTS ATTENDANCE LISTS

S.NO	Roll Number	Name of the student	06.12.2021	07.12.2021	08.12.2021	09.12.2021	10.12.2021	11.12.2021
1	19811A0301	A. Gangadhar	✓	✓	✓	✓	✓	✓
2	19811A0303	Bandham Kumar	✓	✓	x	✓	✓	✓
3	19811A0304	BANDHAM RAMESH	✓	✓	✓	✓	✓	✓
4	19811A0305	Chadaram nageswararao	✓	✓	✓	✓	✓	x
5	19811A0306	Chipurupalli Bhanu prakash	✓	✓	✓	✓	✓	✓
6	19811A0306	G .uday kiran	✓	✓	✓	✓	✓	✓
7	19811A0307	DHARMALA SIVAPRASAD	✓	✓	✓	✓	✓	✓
8	19811A0310	Kalla ajay	✓	✓	✓	✓	✓	✓
9	19811A0311	Maddi Sai Kiran	✓	✓	✓	✓	✓	✓
10	19811A0313	Majji vasanth	✓	✓	✓	✓	✓	✓
11	19811A0314	N. Manikanta	x	✓	✓	✓	✓	✓
12	19811A0315	Nadipalli N V G Nithin	✓	✓	✓	✓	✓	✓
13	19811A0316	PINAPOTHULA SIVA KUMAR	✓	✓	✓	✓	✓	✓
14	19811A0317	Pudi venkata Sai Durga Prasad	✓	✓	✓	✓	✓	✓
15	19811A0318	Velugula ganesh	✓	✓	✓	✓	x	✓
16	19811A0319	P.chanduvina	✓	✓	✓	✓	✓	✓
17	20815A0302	A.DINESH MANI KISHORE	✓	✓	✓	✓	✓	✓
18	20815A0304	Arishenkala ramesh	✓	✓	✓	✓	✓	✓
19	20815A0306	BANGARI LAXMANA	✓	✓	x	✓	✓	✓
20	20815A0307	BANGARI RAMU	✓	✓	✓	✓	✓	✓
21	20815A0308	Bathula chandu	✓	x	✓	✓	✓	✓
22	20815A0309	BHESETTI SRINU	✓	✓	✓	✓	✓	✓
23	20815A0310	Bobbili satish	✓	✓	✓	✓	✓	✓
24	20815A0311	Boddeda Balaji Rao	✓	✓	✓	x	✓	✓
25	20815A0312	RODDENA PRFEM RA.III	✓	✓	✓	✓	✓	✓

26	20815A0314	Boina, Gopikrishna	X	✓	✓	✓	✓	✓
27	20815A0315	CHALLA HARISH	✓	✓	✓	✓	✓	✓
28	20815A0316	Chipurupalli Gangadhar	✓	✓	✓	✓	✓	✓
29	20815A0317	Chongala Laxman	✓	✓	✓	✓	✓	✓
30	20815A0319	DADI HEMA VENKATA PAVAN RAM	✓	✓	✓	✓	✓	✓
31	20815A0320	Dandu sai bharadwaj	✓	✓	✓	✓	✓	✓
32	20815A0322	Gandham Joy Edward	✓	✓	✓	✓	✓	✓
33	20815A0323	Gandi Harsha Vardhan	✓	✓	✓	✓	✓	✓
34	20815A0325	GANDREDDY DURGA PRASAD	✓	✓	✓	✓	✓	✓
35	20815A0326	GOLAGANA Y V N BUTCHI BABU	✓	✓	✓	✓	✓	✓
36	20815A0327	Gorti Saivardhan	✓	✓	X	✓	✓	✓
37	20815A0328	Grandhi Kalyan Sai	✓	✓	✓	✓	✓	✓
38	20815A0329	Guddati raghu	✓	✓	✓	✓	✓	✓
39	20815A0341	MADAKA NITHISH	✓	✓	✓	✓	✓	✓
40	20815A0342	MADDALA DOCTOR JAGAN	✓	✓	✓	✓	✓	✓
41	20815A0343	MAHAMAD ABDUL AZEEZ	✓	✓	✓	✓	X	✓
42	20815A0344	MAJHI ROHITH	✓	✓	✓	✓	✓	✓
43	20815A0345	MAJJI SANTOSH KUMAR	✓	✓	✓	✓	✓	✓
44	20815A0346	MALLA APPALA RAJU	✓	✓	✓	✓	✓	✓
45	20815A0347	MARAPUREDDI CHINNARAO	✓	✓	✓	✓	✓	✓
46	20815A0348	MARRI PRASANNA SAI MANIKANTA ABHAY	✓	✓	✓	✓	✓	✓
47	20815A0349	MUMMUDIVARAPU MANIKANTA	✓	X	✓	✓	✓	✓
48	20815A0350	NAGALLA SAIKUMAR	✓	✓	✓	✓	✓	✓
49	20815A0351	NAKKA AKHILYADAV	✓	✓	✓	✓	✓	✓
50	20815A0352	NAKKA SANJEEVA RAO	✓	✓	X	✓	✓	✓
51	20815A0353	NOOKALA RAJASEKHAR	✓	✓	✓	✓	✓	X
52	20815A0354	PAGADALA NEELIMA	✓	✓	✓	✓	✓	✓
53	20815A0355	PENTAKOTA JAGAN MOHAN	✓	✓	✓	✓	✓	✓
54	20815A0356	PENTAKOTA LOKESH	✓	✓	✓	✓	✓	✓
55	20815A0357	PETLA DURGA SAI	✓	✓	✓	✓	✓	✓
56	20815A0358	PILLA ADHI MURTHY	✓	✓	✓	X	✓	✓
57	20815A0359	PILLI SRINUVAS	✓	✓	✓	✓	✓	✓
58	20815A0360	PITLA ASHOK BHASKARA RAO	✓	✓	✓	✓	✓	✓
59	20815A0361	POLAMARASETTI NAGA SRINU	✓	✓	✓	✓	✓	✓
60	20815A0362	POLAMARASETTY GOWRI SHANKAR	✓	✓	✓	✓	✓	✓
61	20815A0363	POTHURAJU VENKATESH	✓	✓	✓	✓	✓	✓

62	20815A0364	PULIGA YAMINI	✓	✓	✓	✓	✓	✓
63	20815A0365	RAJANA MANIKANTA	✓	✓	✓	✓	✓	✓
64	20815A0366	RAPETI ANAND KASI VISWANADH	✓	✗	✓	✓	✓	✓
65	20815A0367	RAVADA LOKESH	✓	✓	✓	✓	✓	✓
66	20815A0368	SINGIREDDI DINESH	✓	✓	✓	✓	✓	✓
67	20815A0369	SIRISETTI BHANU PRAKASH	✓	✓	✓	✓	✓	✓
68	20815A0370	TEKKALI GANGA VARSHITH	✓	✓	✓	✓	✓	✓
69	20815A0371	VADAGA ROHIT	✓	✓	✓	✓	✗	✓
70	20815A0372	VARADHI MANI KANTA	✓	✓	✓	✓	✓	✓
71	20815A0373	VARRI KALYAN KUMAR	✓	✓	✓	✓	✓	✓
72	20815A0374	VIJAY SINGAMPALLI	✓	✓	✓	✓	✓	✓
73	20815A0375	VIYYAPU DILEEP KUMAR	✓	✓	✓	✓	✓	✓
74	20815A0376	ALLU LOKESH	✓	✓	✓	✓	✓	✓
75	20815A0377	BISAI BABURAO	✓	✓	✓	✓	✓	✓
76	20815A0378	KEERTHI SAIBHARGAV	✗	✓	✓	✓	✓	✓
77	20815A0379	SARAGADAM SRINIVASARAO	✓	✓	✓	✓	✓	✓
78	20815A0380	VELLANKI NAGENDRA	✓	✓	✓	✓	✓	✓
79	20815A0331	KARRI SAI KUMAR	✓	✓	✓	✓	✓	✓
80	20815A0332	KOMMOJU SRINIVASU	✓	✓	✓	✓	✓	✓
81	20815A0333	KONATHALA LAXMI GANESH	✓	✓	✓	✓	✓	✓
82	20815A0334	KONATHALA MOHAN SAI	✓	✓	✓	✓	✓	✗
83	20815A0335	KORUBILLI ASISDURGAPRASAD	✓	✓	✓	✓	✓	✓
84	20815A0336	KORUKONDA MANOJ KUMAR	✓	✓	✓	✓	✓	✓
85	20815A0337	KOVADA KRANTI KUMAR	✓	✓	✓	✓	✓	✓
86	20815A0338	KUSUNURI MANIKYA JAGADEESH	✓	✓	✓	✓	✓	✓
87	20815A0339	LAGUDU GANESH	✓	✓	✗	✓	✓	✓
88	20815A0340	LEKKALA ARAVIND KUMAR	✓	✓	✓	✓	✓	✓
89	18811A0301	ADARI ARAVIND KUMAR	✓	✓	✓	✓	✓	✓
90	18811A0302	ADARI UDAY	✓	✓	✓	✓	✓	✓
91	18811A0303	APPALLA SAI ROHAN RAKEND	✓	✓	✓	✓	✓	✓
92	18811A0304	ASGAR KHAN	✓	✓	✓	✓	✓	✓
93	18811A0305	BHARINIKALA PRADEEP	✓	✓	✓	✓	✓	✓
94	18811A0306	BODDAPU SAI TEJA	✓	✓	✓	✓	✓	✓
95	18811A0307	BUDDALA ANAND	✓	✓	✓	✗	✓	✓
96	18811A0309	GORLE NAGA SAI KRISHNA	✓	✓	✓	✓	✓	✓
97	18811A0310	GORRUPOTU ANIL	✓	✓	✓	✓	✓	✓

98	18811A0311	GUMMUDU PRAVEEN	✓	✓	✓	✓	✓	✓
99	18811A0312	KAMIREDDY RAJA VIVEK RAGHU VARDHAN	✓	✓	✓	✓	X	✓
100	18811A0313	KARANAM JAGADEESH	✓	✓	✓	✓	✓	✓
101	18811A0314	KONDRA TRINADH	✓	X	✓	✓	✓	✓
102	18811A0315	KOVVADA MANIKANTA	✓	✓	✓	✓	✓	✓
103	18811A0316	LALAM SAMPATH KUMAR	✓	✓	✓	✓	✓	✓
104	18811A0317	LINGETI GNANESWAR	✓	✓	✓	✓	✓	✓
105	18811A0318	LOKAVARAPU NAIDU	✓	✓	✓	✓	✓	✓
106	18811A0319	MARRI SIVA	✓	✓	X	✓	✓	✓
107	18811A0320	OMMI PARAMESH	✓	✓	✓	✓	✓	✓
108	18811A0321	PALIPINI SURYA APPALA RAJU	✓	✓	✓	✓	✓	✓
109	18811A0322	PANTAGOLUSULA NAVEEN	✓	✓	✓	✓	✓	✓
110	18811A0323	PASAGADUGULA VAMSI	✓	✓	✓	✓	✓	✓
111	18811A0324	POLIREDDI DIVAKAR	✓	✓	✓	✓	✓	✓
112	18811A0325	PUCHHA RAVI KUMAR	✓	✓	✓	✓	✓	✓
113	18811A0328	RUTHALA MANIKISHORE	✓	✓	✓	✓	✓	✓
114	18811A0329	RUTTALA KALYAN	✓	✓	✓	✓	✓	✓
115	18811A0330	SINGAMPALLI CHANDRA SEKHAR	✓	✓	✓	✓	✓	✓
116	18811A0332	SURIRETTI SAI RAM	✓	✓	✓	✓	✓	✓
117	18811A0333	VENUKOTI PRASANTH	✓	✓	✓	✓	✓	X
118	18811A0334	YAKA DEVA BHASKAR	✓	✓	✓	✓	✓	✓
119	18811A0335	YENNAMSETTI MAHESH	✓	✓	✓	✓	✓	✓
120	18811A0336	VELAGA VASU	✓	✓	✓	✓	✓	✓
121	18811A0337	KOTARU TEJA APPALA DURGA PRASAD	✓	✓	✓	✓	✓	✓
122	18811A0338	KANDREGULA YASWANTH	✓	✓	✓	✓	✓	✓
123	18811A0339	GARAGA SRAVAN	X	✓	✓	✓	✓	✓
124	18811A0340	KALAGA THALUPULESWARA RAO	✓	✓	✓	✓	✓	✓
125	19815A0301	AKKIREDDY JAGADEESH KUMAR	✓	✓	✓	X	✓	✓
126	19815A0302	ALLA RAVI SHANKAR	✓	✓	✓	✓	✓	✓
127	19815A0303	ALLAMPALLI SATISH	✓	✓	✓	✓	✓	✓
128	19815A0304	BEERA ARUN KALYAN	✓	✓	✓	✓	✓	✓
129	19815A0305	BORA VARMA	✓	✓	✓	✓	✓	✓
130	19815A0306	BUDDHA SUNIL NAGA SATYANARAYANA	✓	✓	✓	✓	✓	✓
131	19815A0307	CHALAPAREDDI NAGADURGAPRASAD	✓	X	✓	✓	✓	✓
132	19815A0308	CHINTAKAYALA ADI VAMSI	✓	✓	✓	✓	✓	✓
133	19815A0309	CHODIPALLI RAJESH	✓	✓	✓	✓	✓	✓

134	19815A0310	DAMMU SAIKUMAR		✓	✓	✓	✓	✓	✓
135	19815A0311	DUSANAPUDI VENKATA SAI MOHAN KRISHNA	✓	✓	✓	✓	✓	✓	✓
136	19815A0312	EMMILI MADHU	✓	✓	✓	✓	✓	✓	✓
137	19815A0313	GAMPA SIVAJI RAO	✓	✓	✓	✓	✓	✓	✓
138	19815A0314	GANDEPALLI NARESH	✓	✓	✓	✓	✓	✓	✓
139	19815A0315	GANDREDDI UMA MAHESWARA RAO	✓	✓	✓	✓	✓	✓	✓
140	19815A0316	GOLISSETTI NARENDRA KUMAR	✓	✓	✓	✓	✓	✓	✓
141	19815A0317	GOLLU GANGADHAR	✓	✓	✓	✓	✓	✓	✓
142	19815A0318	GORLI GANESH	✓	✓	✓	✓	✓	✓	✓
143	19815A0319	GORLI SAI JAGADEESH	✓	✓	✓	✓	✓	✓	✓
144	19815A0320	GUDDATI VAMSI KRISHNA	✓	✓	✓	✓	✓	✓	✓
145	19815A0321	GULLA YAMINI VEERABHADRA PRASAD	✓	✓	✓	✓	✓	✓	✓
146	19815A0322	GURRAM TEJA	✓	✓	✓	✓	✓	✓	✓
147	19815A0323	DOPPA RAJESH	✓	✓	✓	✓	✓	✓	✓
148	19815A0324	KANDREGULA HEMAVENKATKUMAR	✓	✓	✓	✓	✓	✓	✓
149	19815A0325	KANDREGULA KUMAR ARUN VENKAT	✓	✓	✓	✓	✓	✓	✓
150	19815A0326	KANDREGULA SAI SANDEEP	✓	✓	✓	✓	✓	✓	✓
151	19815A0327	KANNURU YERRINAIDU	✓	✓	✓	✓	✓	✓	✓
152	19815A0328	KARRI SAI KUMAR	✓	✓	✓	✓	✓	✓	✓
153	19815A0329	KARRI SATHISH	✓	✓	✓	✓	✓	✓	✓
154	19815A0330	KARRI SHIVA	✓	✓	✓	✓	✓	✓	✓
155	19815A0331	KASPA SIVA KRISHNA	✓	✓	✓	✓	✓	✓	✓
156	19815A0332	KATTOJU S V N GOPAL SATHWIK	✓	✓	✓	✓	✓	✓	✓
157	19815A0333	KOLAGANI NARASIMHA NAIDU	✓	✓	✓	✓	✓	✓	✓
158	19815A0334	KOMMOJU DHILIP MANIDHAR SAI	✓	✓	✓	✓	✓	✓	✓
159	19815A0335	KONDA NAGA RAJU	✓	✓	✓	✓	✓	✓	✓
160	19815A0336	KOONISSETTI VARA PRASAD	✓	✓	✓	✓	✓	✓	✓
161	19815A0337	KORUKONDA SRAVAN KUMAR	✓	✓	✓	✓	✓	✓	✓
162	19815A0338	KORUPROLU SYAMALA	✓	✓	✓	✓	✓	✓	✓
163	19815A0339	KOSURI BHARATH VAMSI	✓	✓	✓	✓	✓	✓	✓
164	19815A0340	KOTA GANESH	✓	✓	✓	✓	✓	✓	✓
165	19815A0341	KUNCHA NARESH	✓	✓	✓	✓	✓	✓	✓
166	19815A0345	KODURU SANTHOSH	✓	✓	✓	✓	✓	✓	✓
167	19815A0346	MALASALA SAI VENKATA RAMCHARAN	✓	✓	✓	✓	✓	✓	✓
168	19815A0347	MALLAPUREDDY SIVA SANKAR	✓	✓	✓	✓	✓	✓	✓
169	19815A0348	MANEPALLI SATYA DEVA PRAVEEN CHAKRAVARTHI	✓	✓	✓	✓	✓	✓	✓

206	19815A0387	POTNURI MAHESH	✓	✓	X	✓	✓	✓
207	19815A0388	PILLALA MALLUNAIDU	✓	✓	✓	✓	✓	✓
208	19815A0389	TERLI SRINU	✓	✓	✓	✓	✓	X
209	19815A0390	MATHA RAJU	✓	✓	✓	✓	✓	✓
210	19815A0391	SUNKARA RUDRI	X	✓	✓	✓	✓	✓
211	19815A0392	PANCHADARLA RAJESH	✓	✓	✓	✓	✓	✓
212	19815A0393	MADAKA SATISH	✓	✓	✓	✓	✓	✓
213	19815A0394	GADAMALA SURENDRA	✓	✓	✓	✓	✓	✓
214	19815A0395	VELUGULA MANIKANTA	✓	✓	✓	✓	✓	✓
215	19815A0397	BADDETI ANJANEYULU	✓	✓	✓	X	✓	✓
216	19815A03A0	CHINTALA RAMESH	✓	✓	✓	✓	✓	✓
217	19815A03A3	GOUTHU SAIKIRAN	✓	✓	✓	✓	✓	✓
218	19815A03A4	MANDAPALLI KIRAN	✓	✓	✓	✓	✓	✓
219	19815A03A5	MUTYALA KISHORE	✓	✓	✓	✓	✓	✓
220	19815A03A6	PAILA DURGAPRASAD	✓	✓	✓	✓	X	✓
221	19815A03A7	PALIPINI RAMA KRISHNA	✓	✓	✓	✓	✓	✓
222	19815A03A8	VEMPALI SAI SANKAR JAYADEEP	✓	✓	✓	✓	✓	✓
223	19815A03A9	KARAKA SATISH	✓	X	✓	✓	✓	✓


COORDINATOR


HOD

Head of the Department
Department of Mechanical Engg.
Avanthi Institute of Engg. & Tech.,
Makavarapalem, Visakhapatnam-531113.



Andhra Pradesh State Skill Development Corporation (APSSDC)
(Department of Skills Development & Training, Govt. of Andhra Pradesh)



Certificate of Participation

Cert.No: PDDC/12/2021-22/041

Regd Id :

This is to certify that Mr./Ms./Mrs.....
ofAvanthi Institute of Engineering & Technology..... has successfully
participated Training Program onCATIA Surface Modelling.....
held from06-12-2021.....to11-12-2021.....

Principal (or) HOD


Dr. Ravi K Gujjula
Chief General Manager (Technical)
APSSDC


Sri N. Bangara Raju
Managing Director
APSSDC



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

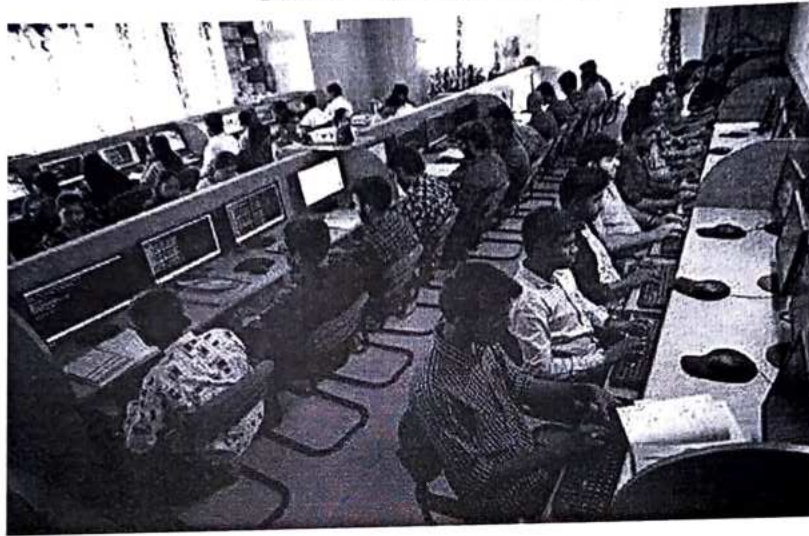
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Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

DEPARTMENT OF MECHANICAL ENGINEERING

A Course on

CATIA Surface Modelling

Dated on – 06/12/2021 to 11/12/2021




COORDINATOR


HOD

Head of the Department
Department of Mechanical Engg.
Avanthi Institute of Engg. & Tech.,
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Department of Mechanical Engineering

Dt:15/12//2021

BRIEF REPORT

Department of Mechanical Engineering, Avanthi Institute of Engineering and Technology had organized a certificate course on **"CATIA Surface Modelling"** from 6th DEC 2021 to 11th DEC 2021

We had M. Priyadarshi Kumar, from APSSDC Trainer. The speaker to explain introduction of CATIA & Surface Modelling. He started off with the need for New and innovative designs and explained the process of surface modelling. One of the major advantage is it allows to create more free-form shapes and consumes less time. Then after he went on to explain the 3D Navigation and geometry selection, part design and he explained the types of tool bars and their purpose of usage, by using surface modelling both simple and complex shapes can easily designed. He discussed the main limitation that it is expensive, and it is hard to be able to afford a license for private use at home. He discussed the Surface Modelling tool bars and commands. Later he discussed the applications of Aerospace that will help you to design any product you can imagine. Some of the topics are focused during the course creating the wireframe geometry, Boundary Representation, Surface Fillets. He concluded with the real time applications of CATIA in industries.


Coordinator


Head of the Department

Head of the Department
Department of Mechanical Engg.
Avanthi Institute of Engg. & Tech.,
Makavarapalem, Visakhapatnam-531113.