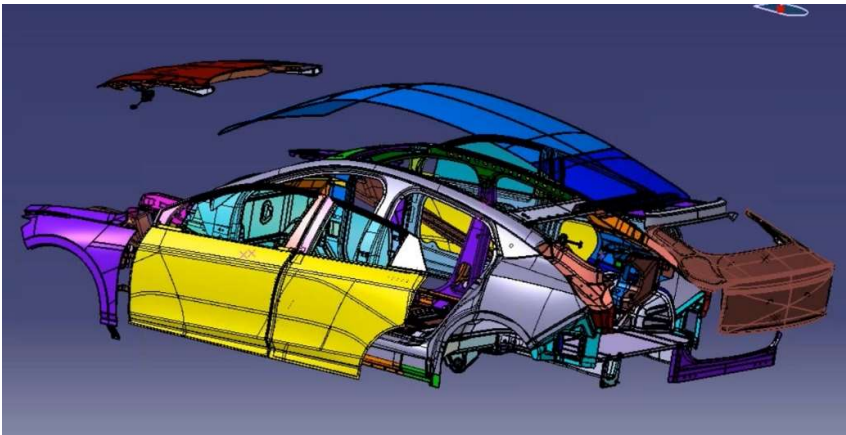




*Certificate Course  
on*

## **CATIA TOOLBOX FOR EMERGING INDUSTRIAL APPLICATIONS**

*From 21<sup>st</sup> August 2017 to 25<sup>th</sup> August 2017*



**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**

Avanathi 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, Avanathi 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 equipment. 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 ,  
Avanathi Educational Society

#### **PATRON**

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

#### **CHAIRMAN**

Sri. V. Harikiran  
Head of the Department  
Mechanical Engineering

### **ABOUT WORKSHOP**

With the increasing demand of variety of products, the industry of manufacturing is aiming to produce quality and economical products. This process depends on many parameters and intermediate correlations. New and innovative designs need to be developed to meet the demands of the customer and industry. The Design software have become powerful tool for the continuous improvement of quality in designing the 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.

### **TOPICS TO BE COVERED**

- CATIA V5 Fundamentals
- CATIA V5 Sketcher Module
- CATIA V5 Part Design
- CATIA V5 Generative Shape Design
- CATIA V5 Assembly Design

For Registration, please contact Mr. A. Pradeep Kumar, Assistant Professor, Department of Mechanical Engineering.



## AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

### DEPARTMENT OF MECHANICAL ENGINEERING

#### CIRCULAR

Date: 14/08/2017

We are happy to inform you that, Department of Mechanical Engineering, AIET is organizing six day certificate course on "CATIA Toolbox for Engineering Industrial Applications" from 21<sup>st</sup> August, 2017 to 25<sup>th</sup> August, 2017 in Physical mode for all IV B. Tech students. Interested candidates are directed to enrol above course on or before 20/08/2017. For further details contact Course Coordinator Mr. A. Pradeep Kumar Assistant Professor, Mechanical Engineering.

Resource Person Details:

1. Sri P. Timothy,  
Associate Professor,  
Department of Mechanical Engineering,  
LENDI College,  
D. Tallavalasa, Visakhapatnam.
2. Sri CH. Anand,  
Manager,  
Mechnogant Pvt. Ltd,  
Visakhapatnam.

  
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.



## **AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY**

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

### **DEPARTMENT OF MECHANICAL ENGINEERING**

#### **CATIA Tool Box for Emerging Industrial Applications**

**21<sup>st</sup> August 2017 to 25<sup>th</sup> August 2017**

#### **Program Schedule**

##### **DAY - 1 (21/08/2017)**

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

09:30AM-10:30AM - Introduction about the workshop and CATIA V5 R20 Fundamentals

10:30AM-11:30AM - usage of Various types of tools in CATIA V5 and their applications and create, save various types of CATIA V5 documents.

11:30AM-12:00PM - Explanation about Differentiate and switch between a selection of workbenches

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 - Generative Shape Design & Assembly Design

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

##### **DAY – 2 (22/08/2017)**

09:00AM-09:30AM – About CATIA V5 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 and Sketch analysis

01:00PM – 01:30PM – Lunch Break

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

##### **DAY – 3 (23/08/2017)**

09:00AM-09:30AM – Introduction to CATIA V5 Part Design and utility of part design

09:30AM-11:30AM – Creating and modifying sketch-based features, Perform Boolean operations such as Trim/Quick Trim



11:30AM-11:40PM – Tea Break

11:40AM-01:00PM – Explaining how to Manage profiles using the sketcher workbench,  
Apply draft, Thickness and fillets to sketch based features

01:00PM – 01:30PM – Lunch Break

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

**DAY – 4 (24/08/2017)**

09:00AM-09:30AM – Introduction to areas for the part design workbench while interacting with sketcher and reference elements to create modifiable parts.

09:30AM-11:30AM – Tree Structure, Introduction to tool bars, Sketch Based Features

11:30AM-11:40PM – Tea Break

11:40AM-01:00PM – Dress-up Features, Transformation Feature, Reference elements

01:00PM – 01:30PM – Lunch Break

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

**DAY – 5 (25/08/2017)**

09:00AM-09:30AM – CATIA V5 Generative Shape Design

09:30AM-11:30AM – Create wireframe elements, Create surfaces, Fillet features

11:30AM-11:40PM – Tea Break

11:40AM-01:00PM – Assembly components in Workbench and Toolbars, Save Management, Creating Constraints, Component Manipulation, Exploded, View, Scenes, Projects.

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.,  
Makavarapalem, Visakhapatnam - 531113.



**AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY,**

TAMARAM (V), MAKAVAAPALEM (M),

VISAKHAPATNAM - 531113

DEPARTMENT OF MECHANICAL ENGINEERING

**CATIA Toolbox for Emerging Industrial Applications**

From 21-08-2017 to 25-08-2017

STUDENTS ATTENDANCE LISTS

S.NO	ROLL NUMBER	NAME OF THE STUDENT	21.08.2017	22.08.2017	23.08.2017	24.08.2017	25.08.2017
1	14811A0301	ALLABOINA DINESH KUMAR	✓	✓	✓	✗	✓
2	14811A0302	AMIT KUMAR GORODA	✗	✓	✓	✓	✓
3	14811A0303	ANALA SUNIL	✓	✓	✗	✗	✓
4	14811A0305	ANDREW RUFEN DOMNIC	✗	✓	✓	✓	✓
5	14811A0307	ANNAMREDDY RAVITEJA	✓	✓	✓	✗	✓
6	14811A0309	AVAPATI SAI HARISH	✓	✗	✓	✓	✓
7	14811A0310	AVAPATI SRINIVAS	✓	✓	✓	✗	✓
8	14811A0312	BATHINA ARUN SURYA	✓	✓	✗	✓	✓
9	14811A0314	BEERA PHANINDRA	✓	✗	✓	✓	✓
10	14811A0315	BHAVIRI VAMSI KRISHNA	✓	✓	✓	✗	✓
11	14811A0316	BHEEMPALLI GANESH	✓	✓	✗	✓	✓
12	14811A0317	BIKKI SAHU	✓	✗	✓	✓	✓
13	14811A0319	BORA VENKATESH	✗	✓	✓	✓	✓
14	14811A0320	CH NARENDRA BABU	✓	✓	✓	✗	✓
15	14811A0321	CHAKRAVARTULA JAYA SRIVATSA	✗	✓	✓	✓	✗
16	14811A0323	CHENGALA SAI PRASAD	✓	✓	✓	✓	✓
17	14811A0325	CHOKKAKULA MANOHAR	✓	✓	✗	✓	✓
18	14811A0326	DADI LAKSHMEE PRASAD	✓	✓	✓	✗	✓
19	14811A0328	DAWALESWARAPU SAI	✗	✓	✓	✓	✓
20	14811A0330	DODDI SYAM	✓	✓	✓	✓	✗
21	14811A0331	EAGALA CHINNARAO	✗	✓	✓	✓	✓
22	14811A0332	EERLA SATISH	✓	✓	✓	✓	✗
23	14811A0333	G R K N V S S S GANESH NAIDU ALLA	✗	✓	✓	✓	✓
24	14811A0335	GAJJI ARJUNA	✓	✗	✓	✓	✓

25	14811A0336	GEDDAM RAMESH	✓	✗	✓	✓	✗
26	14811A0337	GOKYADA BHARGAV SAI KIRAN	✓	✓	✗	✓	✓
27	14811A0338	GOLLAPALLI KISHORE KUMAR	✗	✓	✓	✓	✓
28	14811A0340	GONTHINA SAGAR	✓	✓	✓	✓	✓
29	14811A0341	GUDLA VENKATA NAGA CHAITANYA	✗	✓	✓	✗	✓
30	14811A0342	GUJJALA SISINDRA	✓	✓	✓	✓	✓
31	14811A0344	JAMPANA KRISHNA VARMA	✗	✓	✓	✓	✓
32	14811A0346	KANGDU KRISHNA MURTHY SOMA SEKHAR	✓	✓	✗	✓	✓
33	14811A0347	KANITHI BALASAI KRISHNA	✓	✗	✓	✓	✓
34	14811A0348	KAPARAPU SURESH	✓	✓	✓	✗	✓
35	14811A0350	KARRI ANIL KUMAR	✓	✓	✗	✓	✓
36	14811A0352	KARRI RAJESH	✓	✗	✓	✓	✗
37	14811A0353	KOLAPARTHY GANESH KUMAR	✓	✓	✗	✓	✓
38	14811A0354	KOLLI GAGANDEEP	✓	✓	✓	✗	✓
39	14811A0355	KOLLI GANESH	✓	✗	✓	✓	✓
40	14811A0357	KONDRA VARA PRASAD	✓	✓	✓	✗	✓
41	14811A0358	KONETI UMA MAHESH	✓	✓	✓	✓	✗
42	14811A0359	KOTTAPALLI GOWTAM KRISHNA	✓	✗	✓	✓	✓
43	14811A0360	KOYYANA SAI KRISHNA	✓	✓	✓	✓	✗
44	14811A0362	KURAPATI NAGADURGARAO	✓	✓	✓	✗	✓
45	14811A0363	LAKKOJU HARINADH	✗	✓	✓	✓	✗
46	14811A0364	MADHUPADA DURGA SAMPATH MANIKUMAR	✓	✓	✓	✓	✓
47	14811A0365	MAHAMMED ABDUL VAHEED	✓	✗	✓	✓	✗
48	14811A0367	MALLA VENKATA CHELLARAO	✓	✓	✓	✓	✗
49	14811A0368	MALLA YOGESH	✗	✓	✓	✓	✓
50	14811A0369	MARLA SANDEEP	✓	✓	✗	✓	✓
51	14811A0370	MASAVARAPU NAGARAJU	✓	✗	✓	✓	✓
52	14811A0372	MATTAPARTHI V S J HEMANTH	✗	✓	✓	✓	✓
53	14811A0373	MIDATANA SIVA	✓	✓	✓	✗	✓
54	14811A0374	MITHIREDDY HARI KRISHNA	✓	✓	✓	✓	✗
55	14811A0375	MOGALATHURTHI MADHU	✓	✓	✗	✓	✓
56	14811A0376	MOLLI MAHESH	✓	✗	✓	✓	✓
57	14811A0377	MOLLI RAGHU KRISHNA YADAV	✓	✓	✓	✗	✓



58	14811A0379	NAKKA HARSHASRI PRAVEEN CHANDRA	✓	✗	✗	✓	✓
59	14811A0380	NARALA MOULI SAI	✓	✓	✗	✓	✓
60	14811A0381	NEELAPU SAI TEJAREDDY	✓	✓	✓	✗	✗
61	14811A0382	NEKKALA VIVEK KUMAR	✗	✓	✓	✗	✓
62	14811A0384	NOWPADA DILLI RAO	✓	✓	✓	✗	✗
63	14811A0385	PAILA SAI RAM	✗	✓	✓	✓	✗
64	14811A0386	PALA YUGANDHAR REDDY	✓	✓	✓	✗	✓
65	14811A0387	PALANASWAMY JAYA SURYA	✓	✓	✗	✓	✓
66	14811A0388	PALLIKALA SATYA SAI PRATHYUSH	✓	✗	✓	✓	✗
67	14811A0389	PANCHADARLA VASU	✓	✓	✓	✗	✓
68	14811A0390	PANDA JAGANNADHA RAO	✗	✗	✓	✓	✓
69	14811A0391	PEDAPATI VASANTH KUMAR	✓	✓	✓	✗	✗
70	14811A0392	PEELA PARASURAMUDU	✓	✓	✓	✗	✓
71	14811A0393	PENTAKOTA HARISH KUMAR	✗	✗	✓	✓	✓
72	14811A0394	PILLALA PAVAN KUMAR	✓	✓	✗	✗	✓
73	14811A0396	POLARAPU RAJU	✓	✓	✗	✓	✓
74	14811A0397	POTHULA SIVA NAGA DURGA PRASAD	✗	✓	✓	✓	✓
75	14811A0398	POTURAJU SAIKUMAR	✓	✗	✗	✓	✓
76	14811A03A0	PRATHIPATI RAMA RAO	✓	✓	✓	✓	✓
77	14811A03A1	RAPARTHI AVINASH	✓	✓	✓	✗	✓
78	14811A03A3	RAYI SRINIVASARAO	✓	✗	✓	✓	✗
79	14811A03A4	REDDI SANTOSHKUMAR	✓	✓	✗	✓	✓
80	14811A03A7	S MOHAMMED NOORUL ALAM NAG	✓	✓	✓	✗	✓
81	14811A03A8	SADANALA RAJENDRA SANTOSH KUMAR	✗	✗	✓	✓	✓
82	14811A03A9	SAGI SRI HARSHA VARMA	✓	✓	✗	✓	✓
83	14811A03B0	SALAPU SRINIVASA RAO	✓	✓	✓	✗	✓
84	14811A03B1	SALIL SUREN	✓	✗	✓	✓	✓
85	14811A03B2	SAMIREDDY SAI RAJA	✗	✓	✓	✓	✓
86	14811A03B3	SAMMETLA LIKHIL RAMA SWAMY	✓	✓	✗	✓	✗
87	14811A03B4	SARANGA KRUSHNA	✓	✓	✓	✗	✓
88	14811A03B5	SHAIK MOHAMMAD NAZAR	✗	✓	✓	✓	✓



58	14811A0379	NAKKA HARSHASRI PRAVEEN CHANDRA	✓	✗	✗	✓	✓
59	14811A0380	NARALA MOULI SAI	✓	✓	✗	✓	✗
60	14811A0381	NEELAPU SAI TEJAREDDY	✗	✓	✓	✗	✓
61	14811A0382	NEKKALA VIVEK KUMAR	✓	✓	✓	✗	✗
62	14811A0384	NOWPADA DILLI RAO	✗	✓	✓	✓	✗
63	14811A0385	PAILA SAI RAM	✓	✓	✓	✗	✓
64	14811A0386	PALA YUGANDHAR REDDY	✓	✓	✗	✓	✓
65	14811A0387	PALANASWAMY JAYA SURYA	✓	✗	✓	✓	✗
66	14811A0388	PALLIKALA SATYA SAI PRATHYUSH	✓	✓	✓	✗	✓
67	14811A0389	PANCHADARLA VASU	✗	✗	✓	✓	✓
68	14811A0390	PANDA JAGANNADHA RAO	✓	✓	✓	✗	✗
69	14811A0391	PEDAPATI VASANTH KUMAR	✓	✓	✓	✗	✓
70	14811A0392	PEELA PARASURAMUDU	✗	✗	✓	✓	✓
71	14811A0393	PENTAKOTA HARISH KUMAR	✓	✓	✗	✗	✓
72	14811A0394	PILLALA PAVAN KUMAR	✓	✓	✗	✓	✓
73	14811A0396	POLARAPU RAJU	✓	✗	✓	✓	✓
74	14811A0397	POTHULA SIVA NAGA DURGA PRASAD	✗	✓	✗	✓	✓
75	14811A0398	POTURAJU SAIKUMAR	✓	✗	✓	✓	✓
76	14811A03A0	PRATHIPATI RAMA RAO	✓	✓	✓	✗	✓
77	14811A03A1	RAPARTHI AVINASH	✓	✗	✓	✓	✗
78	14811A03A3	RAYI SRINIVASARAO	✓	✓	✗	✓	✗
79	14811A03A4	REDDI SANTOSHKUMAR	✓	✓	✗	✓	✓
80	14811A03A7	S MOHAMMED NOORUL ALAM NAG	✓	✓	✓	✗	✓
81	14811A03A8	SADANALA RAJENDRA SANTOSH KUMAR	✗	✗	✓	✓	✓
82	14811A03A9	SAGI SRI HARSHA VARMA	✓	✓	✗	✓	✓
83	14811A03B0	SALAPU SRINIVASA RAO	✓	✓	✓	✗	✓
84	14811A03B1	SALIL SUREN	✓	✗	✓	✓	✓
85	14811A03B2	SAMIREDDY SAI RAJA	✗	✓	✓	✓	✓
86	14811A03B3	SAMMETLA LIKHIL RAMA SWAMY	✓	✓	✗	✓	✗
87	14811A03B4	SARANGA KRUSHNA	✓	✓	✓	✗	✓
88	14811A03B5	SHAIK MOHAMMAD NAZAR	✗	✓	✓	✓	✓

89	14811A03B6	SHUBHAM KUMAR SINGH	✓	✓	x	✓	✓
90	14811A03B7	SINISETTI MANOJ KUMAR NAGA GUPTA	x	✓	✓	✓	✓
91	14811A03B8	SIRAMREDDY SATISH	✓	✓	x	✓	✓
92	14811A03B9	SEEREDDY HARI CHANDU	✓	x	✓	✓	x
93	14811A03C0	TALABATHULA SANKAR RAGHAVENDRA SANTHOSH	x	✓	✓	x	✓
94	14811A03C1	THALAPUREDDI NAVEEN	x	✓	✓	✓	x
95	14811A03C2	TINO VARGHESE	✓	✓	x	✓	✓
96	14811A03C3	TOLLALA RAVI KUMAR	✓	✓	x	✓	✓
97	14811A03C4	TOTADA VAMSI	x	✓	✓	x	✓
98	14811A03C5	UDDAGIRI LAKSHMAN KUMAR	✓	✓	✓	✓	x
99	14811A03C6	UNGARALA JAIDEPU NAGA SAI	✓	✓	✓	✓	x
100	14811A03C7	UPPILI DURGA RAO	x	✓	✓	✓	✓
101	14811A03C8	VABBALAREDDY NANI BABU	✓	x	✓	✓	✓
102	14811A03C9	VARRE TARUN KUMAR	✓	✓	x	✓	✓
103	14811A03D0	VISWANADHA SRI VENKATESWARA VAMSI SHARMA	✓	✓	✓	x	✓
104	14811A03D1	YALLA HARI BABU	x	✓	✓	✓	✓
105	14811A03D2	YARLAGADDA JAYA KRISHNA PRASAD	✓	✓	✓	✓	x
106	14811A03D3	YENGALA DINESH KUMAR	✓	✓	✓	x	✓
107	14811A03D4	NALLABILLI BHARGAV KAMALANAND	✓	✓	✓	x	✓
108	14811A03D5	TEKU SAI SURAJ	x	✓	✓	✓	✓
109	14811A03D6	KILLADI SRINU	✓	x	✓	✓	✓
110	15815A0301	ALANKA SAI KUMAR	x	✓	✓	✓	✓
111	15815A0302	BALABHADRA MOHAN	✓	✓	✓	✓	x
112	15815A0303	BALIREDDY ARUN KUMAR	✓	x	✓	✓	✓
113	15815A0304	BHEEMIREDDY CHINA BABU	✓	✓	x	✓	✓
114	15815A0305	CHELIKANA BENNASWAMI	x	✓	✓	✓	✓
115	15815A0306	CHIRRA PRAVEEN KUMAR	✓	✓	✓	x	✓
116	15815A0307	CHITRADA VIKASRAJU	✓	x	✓	✓	✓
117	15815A0308	CHUKKALA NAGA SATYA PARAMESWARA RAO	x	✓	✓	✓	✓
118	15815A0309	DARLAPUDI NAGESWARA RAO	x	✓	✓	x	✓

119	15815A0310	DODDI HIMA VAMSI KIRAN	✓	✓	✗	✓	✓
120	15815A0311	DODDI PAVAN KUMAR	✓	✓	✓	✗	✓
121	15815A0312	DUDA SURESH	✓	✗	✓	✓	✓
122	15815A0313	EJIVIREDDY JAGADEESH KUMAR	✓	✓	✗	✓	✓
123	15815A0314	GADAM GOPALAKRISHNA	✓	✓	✓	✓	✗
124	15815A0315	GALLA SAIKUMAR	✓	✗	✓	✓	✓
125	15815A0316	GAMPARAI DILEEP KUMAR	✓	✓	✓	✓	✗
126	15815A0317	GANGUPAMU THATHAJI	✓	✗	✓	✓	✓
127	15815A0318	GOPALA VINEETH	✗	✓	✓	✓	✓
128	15815A0319	GUNNABATHULA MOHAN	✓	✓	✓	✓	✗
129	15815A0320	KALAPUREDDY GANESH	✗	✓	✓	✓	✓
130	15815A0321	KANDUKURI SANKARI SIRISHA	✓	✓	✗	✓	✓
131	15815A0322	KANDUKURI SRIKARI HARITHA VAISHNAVI	✗	✓	✓	✓	✓
132	15815A0323	KARRI HARISH	✗	✓	✓	✓	✓
133	15815A0324	KASIREDDI PRASAD	✓	✗	✓	✓	✓
134	15815A0325	KOILADA VINAY	✓	✓	✗	✓	✓
135	15815A0326	KORUKONDA VENKATA APPARAO	✓	✓	✓	✗	✓
136	15815A0327	KORUPOLU POORNA SAITEJA	✓	✓	✓	✓	✗
137	15815A0328	KORUPROLU RAJYA LAKSHMI	✓	✗	✓	✓	✓
138	15815A0329	KOVVURI PRAVEEN NAGA KALYAN REDDY	✓	✓	✗	✓	✓
139	15815A0330	KOYYAM BALARAJU	✗	✓	✓	✓	✓
140	15815A0331	LAGUDU RAJASEKHAR	✓	✓	✓	✓	✗
141	15815A0332	LAKKARAJU MOHAN KUMAR	✓	✗	✓	✓	✓
142	15815A0333	LALAM GANAPATHI NAGENDRA	✓	✓	✗	✓	✓
143	15815A0334	LOCHALA VENKATA RAMANA	✓	✓	✗	✓	✓
144	15815A0335	MANDA NAVEEN KUMAR	✗	✓	✓	✓	✓
145	15815A0336	MARADANA SUNIL	✓	✓	✓	✓	✗
146	15815A0337	MARRA MOHAN RAO	✓	✓	✓	✗	✓
147	15815A0338	N PHANENDRA	✓	✗	✓	✓	✓
148	15815A0339	NALLABELLI SIVA NAIDU	✓	✓	✗	✓	✓
149	15815A0340	PALISSETTI SHANKAR	✗	✓	✓	✓	✓
150	15815A0341	PANDIRI JEEVANA RAO	✓	✗	✓	✓	✓
151	15815A0342	PENKE SRINIVASA RAO	✗	✓	✓	✓	✓

152	15815A0343	PENTAKOTA VARA PRASAD	✓	✓	✓	✓	✓
153	15815A0344	PILLA DILEEP KUMAR	✓	✓	✓	✓	✓
154	15815A0345	PITANA GIRI TEJA	✓	✓	✓	✓	✓
155	15815A0346	PYLA SHANMUKHA	✗	✓	✓	✓	✓
156	15815A0347	SARA PYDITHALLI	✓	✓	✓	✓	✓
157	15815A0348	SHAIK MOHAMMAD SAYED GOWSE	✓	✗	✓	✓	✓
158	15815A0349	TAMARANA HEMA KUMAR	✓	✓	✓	✓	✓
159	15815A0350	THOKADA CHANDU	✓	✓	✓	✓	✓
160	15815A0351	THOMMANDRU KRISHNA VAMSI	✓	✓	✓	✓	✓
161	15815A0352	TIPPANA NETAJI	✓	✓	✓	✗	✓
162	15815A0353	VABBALAREDDI NANIBABU	✓	✓	✓	✓	✓
163	15815A0354	VABBALAREDDI SHYAMKUMAR	✓	✓	✓	✓	✓
164	15815A0355	VADISALA ARUNKUMAR	✓	✓	✓	✓	✓
165	15815A0356	DEMULURI KARTHIK	✓	✓	✓	✓	✓
166	15815A0357	SEETHINI SAJVINAY	✓	✓	✗	✓	✓



**COORDINATOR**



**HOD**

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





**AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
(Approved by AICTE, Permanently Affiliated to JNT University Kakinada,  
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Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

## **CERTIFICATE OF PARTICIPATION**

This is to certify that Mr/Mrs \_\_\_\_\_ of \_\_\_\_\_  
\_\_\_\_\_ has participated in the Certificate Course entitled  
on “**CATIA Toolbox for Emerging Industrial Applications**” during from 21<sup>st</sup> August 2017  
to 25<sup>th</sup> August 2017 in Department of Mechanical Engineering.

\_\_\_\_\_  
**Coordinator**

\_\_\_\_\_  
**HOD**

\_\_\_\_\_  
**Principal**



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

**DEPARTMENT OF MECHANICAL ENGINEERING**

A 5-Day Workshop on

**CATIA Toolbox for Emerging Industrial Applications**

Dated on - 21<sup>st</sup> August, 2017 to 25<sup>th</sup> August 2017



**COORDINATOR**

**HOD**

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



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

### Department of Mechanical Engineering

Dt:27/08/2017

### BRIEF REPORT

Department of Mechanical Engineering, Avanathi Institute of Engineering and Technology had organized a certificate course on "CATIA TOOLBOX FOR EMERGING INDUSTRIAL APPLICATIONS" from 21<sup>st</sup> AUG 2017. to 25<sup>th</sup> AUG 2017

We had Sri P. Timothy, Associate Professor, Mechanical Engineering, from LENDI college, as the speaker to explain each and every detail Introduction of CATIA V5 R20. He started off with the need for New and innovative designs. One of the major advantage to Save money and time by avoiding restarting the design process with automatic updates. Then after they went on to explain the 3D Navigation and Geometry selection, Part design.

We had Sri CH. Anand, Manager from Mechnogant Pvt. Ltd, he discuss the Assembly Design, Component Manipulation, Assembly Components and Toolbars. The main limitation is extremely expensive and why it's more expensive. It is hard to be able to afford a license for private use at home. 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 Sketcher Module, Industrial Design and Styling. He concluded with the real time applications of CATIA in industries

Coordinator

Head of the Department

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