



**VEMU INSTITUTE OF TECHNOLOGY::P.KOTHAKOTA**

NEAR PAKALA, CHITTOOR-517112

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu)

**Department of Mechanical Engineering**

An Online Workshop

on

**“PRODUCT DESIGN AND  
DRAFTING BY CATIA”**

in Association with

**ANDHRA PRADESH SKILL DEVELOPMENT  
CORPORATION (APSSDC), VIJAYAWADA**

**Date: 12-05-2021 to 29-05-2021**

**Mode: Online**

**TARGETTED STUDENTS: III ME**

**PRINCIPAL**

**Vemu Institute of Technology  
P. KOTHAKOTA - 517 112**

AN ONLINE PRODUCT DESIGN AND DRAFTING BY  
CATIA

**Registration Form**  
12<sup>th</sup> - 29<sup>th</sup> May 2021

- 1 Name :
- 2 Roll No :
- 3 Year & Branch :
- 4 Name of the College :
- 5 Mobile :
- 6 E-Mail :

Place :

Date : Signature of the Candidate

**Bonafide Certificate :**

Mr./Ms. .... is a Student of our Institute and studying ..... B.Tech. If selected, the Student may be permitted to participate in the above programme.

Date : Signature of the HOD/  
Head of the Institution with Seal

(Photostat copy of this form can be used if necessary)

**Chief Patron**  
Dr. K. Chandrasekhar Naidu  
Chairman


**Patron**  
Dr. Naveen Kilari  
Principal

**Convener**  
Dr. K. V. N. V. N. Rao  
HOD, ME

**Co-ordinator**  
Dr. G. Ramesh  
Assoc. Prof. in ME Dept.

**Organizing Committee**

Dr. A. Mahamani, Prof., ME  
Mr. G. Sudarsana Reddy, Prof., ME  
Mr. G. Suresh, Assoc. Prof., ME  
Mr. V. Venkataramana, Assoc. Prof., ME  
Mr. M. Venkatesulu, Assoc. Prof., ME  
Mr. M. Sudarsanam, Assoc. Prof., ME  
Mr. M. Dora Babu, Assoc. Prof., ME

  
PRINCIPAL  
Vemu Institute of Technology  
P. KOTHAKOTA - 517 112

AN ONLINE WORKSHOP  
ON

**PRODUCT DESIGN AND  
DRAFTING BY CATIA**  
12<sup>th</sup> - 29<sup>th</sup> MAY 2021



ANDHRA PRADESH STATE  
Skill Development Corporation



**Organized by**

DEPARTMENT OF MECHANICAL ENGINEERING

VEMU INSTITUTE OF TECHNOLOGY

P.KOTHAKOTA, NEAR PAKALA  
CHITTOOR-517112

[www.vemu.org](http://www.vemu.org)

### **About our College:**

Vemu Institute of Technology has been started in Chittoor District by an eminent educationist cum philanthropist-Dr. K.C. Naidu, retired Professor of Andhra University with excellent infrastructural facilities catering to the educational needs of rural and semi-urban students. VEMU is one of the few ISO 9001-2015 certified premier Engineering/Management colleges in the Rayalaseema region of A.P. (located in the Chittoor - Tirupati Highway) approved by AICTE and affiliated to JNTUA. Our college is accredited with A-Grade by Department of Technical Education, Govt. of AP., which is key performance indicator of our college in the year 2016 and accredited by NAAC in the year 2017. Vemu offers B.Tech programs in 5 disciplines viz, ECE, EEE, ME, CE, CSE and PG Programmes - MBA & M.Tech. The college is established in a serene atmosphere of 16 acres sprawling campus facilitated with spacious classrooms, modern laboratories, computer systems, seminar halls and e-training rooms, an exclusive well furnished placement cell with GD Rooms and Interview chambers and a huge library with 40,000 volumes.

### **About the Mechanical Engineering Department:**

The department offers B. Tech. in Mechanical Engineering, and M. Tech in Machine Design. The department has highly qualified faculty members, state of art laboratories and infrastructure. Continuing Education.

programs and customized training/workshops are being organized by industry personnel on regular basis. Students of the department are actively involved in various extracurricular activities and extension activities. It also gives the participants ample opportunity for exchanging the views and sharing Knowledge with wide spectrum of students. The department adopts innovative teaching methods to make learning more effective and effective instructional materials are provided to make the academics interesting.

### **About APSSDC (Andhra Pradesh State Skill Development Corporation) :**

APSSDC is a unique organization formed as a Public Private Partnership (PPP) corporation to promote skill development & entrepreneurship in the state of Andhra Pradesh. The Corporation is incorporated as a Section-8 company (not-for-profit) with a private equity component of 51% and 49% by Govt. of AP. APSSDC will be staffed with best of talent in this sector & will partner with leading training providers & industry to carry out the training programmes. It aims to develop a best-in-class learning management system and placement and tracking mechanism. Ultimately, it aims to be among the best training provider organizations in the

world. Some unique & best of class training programmes like Siemens Centres of Excellence Clusters, Capital Area Skilling, Train the Trainer, etc. are part of the whole gamut of trainings to be offered at different levels.

### **GUIDELINES:**

- ✓ All II- Year B.Tech Mechanical Students of Department of Mechanical Engineering, Vemu Institute of Technology should attend to this workshop .
- ✓ Participants have to take the test after completion of the workshop.

**For further Details Click on to**

**[www.vemu.org](http://www.vemu.org)**

### **Address for Communication:**

Convener,

VEMU Institute of Technology

P.Kothakota, Near Pakala

Chittoor-517112

**PRINCIPAL**

Andhra Pradesh **Vemu Institute of Technology**

**For Details Contact: KOTHAKOTA - 517 112**

Dr. G. Ramesh - 9502602439

Mr. K. Hema Mahesh Babu - 9989493943

Mr. M. Venkatesulu - 9985954295



**IU INSTITUTE OF TECHNOLOGY::P.KOTHAKOTA**

NEAR PAKALA, CHITTOOR-517112

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu)

DEPARTMENT OF MECHANICAL ENGINEERING

## Time Schedule

Title: Product Design And Drafting By CATIA

Date: 12-05-2021 to 29-05-2021

DAY	
12-05-2021 DAY 1, 02:00 to 04:00 PM	Inaugural Session & Session-1
13-05-2021 DAY 2, 02:00 to 04:00 PM	Session-2
14-05-2021 DAY 3, 02:00 to 04:00 PM	Session-3
15-05-2021 DAY 4, 02:00 to 04:00 PM	Session-4
17-05-2021 DAY 5, 02:00 to 04:00 PM	Session-5
18-05-2021 DAY 6, 02:00 to 04:00 PM	Session-6
19-05-2021 DAY 7, 02:00 to 04:00 PM	Session-7
20-05-2021 DAY 8, 02:00 to 04:00 PM	Session-8
21-05-2021 DAY 9, 02:00 to 04:00 PM	Session-9
22-05-2021 DAY 10, 02:00 to 04:00 PM	Session-10
24-05-2021 DAY 11, 02:00 to 04:00 PM	Session-11
25-05-2021 DAY 12, 02:00 to 04:00 PM	Session-12
26-05-2021 DAY 13, 02:00 to 04:00 PM	Session-13
27-05-2021 DAY 14, 02:00 to 04:00 PM	Session-14
28-05-2021 DAY 15, 02:00 to 04:00 PM	Session-15
29-05-2021 DAY 16, 02:00 to 04:00 PM	Doubts clarification & Valedictory Session

  
PRINCIPAL

Vemu Institute of Technology  
P. KOTHAKOTA - 517 112



Head of the Department  
HEAD

DEPARTMENT OF ME  
VEMU INSTITUTE OF TECHNOLOGY  
P. KOTHAKOTA - 517 112



**VEMU INSTITUTE OF TECHNOLOGY::P.KOTHAKOTA**  
NEAR PAKALA, CHITTOOR-517112

**Department of Mechanical Engineering**

**LIST OF STUDENTS ENROLLED IN WORKSHOP**

Title: Product Design And Drafting By CATIA

Date: 12-05-2021 to 29-05-2021

S.No	Roll. No	Student Name
1	184M1A0301	A LALU PRASAD
2	184M1A0304	ABBURI RUPESH
3	184M1A0305	AKKARI BHARATH REDDY
4	184M1A0306	AMASAGANDLA UMA VENKATA KRISHNAIAH
5	184M1A0307	AMURU JEEVANKUMAR
6	184M1A0308	ANCHALA GURUMOHAN
7	184M1A0309	ARIKERI PURUSHOTHAM REDDY
8	184M1A0310	B HEMANTH
9	184M1A0311	BALA MURALI KATTU
10	184M1A0312	BALASALA DHANUSH
11	184M1A0316	BODDU DHANUSH
12	184M1A0317	B JYOTHEESWARAREDDY SUKESH
13	184M1A0318	C SEKHAR
14	184M1A0319	CHANDRAGIRI SIVAPRASAD
15	184M1A0321	CHITTOOR SOMU
16	184M1A0322	DAVULURI MOUNIKA
17	184M1A0323	DUDI KOVURU MAHAMMAD SUHEL
18	184M1A0324	EDICHARLA CHANDHEESWAR
19	184M1A0326	G JAYA KRISHNA
20	184M1A0327	G NAVEEN KUMAR
21	184M1A0328	G PREMCHAND
22	184M1A0329	GADAPARTHI NIKHIL NAIDU
23	184M1A0330	GADDAM DINESH BABU
24	184M1A0332	GOLLAPALLY MADANMOHAN REDDY
25	184M1A0333	IRALA SATHISH REDDY
26	184M1A0334	K MADHAN KUMAR
27	184M1A0335	K SAI ESWAR REDDY
28	184M1A0336	KAKULURU KARTHIK
29	184M1A0337	KALICHETTY NIKHIL
30	184M1A0338	KALIKIRI DILLIBABU
31	184M1A0339	KAMBAM AKHIL KUMAR REDDY
32	184M1A0340	KONAVATTAM KIRAN
33	184M1A0341	KONDA REDDIVARAPRASAD
34	184M1A0342	KOTAKURI SATISH KUMAR
35	184M1A0343	KUCHI SARATH
36	184M1A0344	LEKKALAPUDI BHARGAVI
37	184M1A0345	M KARTHIK
38	184M1A0346	MAMIDIPALLI RAVITEJA
39	184M1A0347	MANDEM SANJAY KUMAR
40	184M1A0348	MEDARAMETLA VIVEKANANDA
41	184M1A0349	MENTA VENKATA SAI BHANU CHARAN
42	184M1A0350	MOKKATLA DEVA
43	184M1A0351	NANGA BHADRINATH
44	184M1A0352	ONTIPULI BALAJI
45	184M1A0353	P DEVI PRASAD



# VEMU INSTITUTE OF TECHNOLOGY::P.KOTHAKOTA

NEAR PAKALA, CHITTOOR-517112

## Department of Mechanical Engineering

46	184M1A0356	R D YUVARAJ	1
47	184M1A0357	RAVALA SANDEEP	
48	184M1A0358	REDYPALLI DHEERAJ	
49	184M1A0360	S NAZIM BASHA	
50	184M1A0362	SANAGARI SIVA KRISHNA	
51	184M1A0363	SANDHIREDDY MOHANRAO	
52	184M1A0364	SATRAWADA BHASKAR THEJA	
53	184M1A0365	SHAIK A SHAJIYA	
54	184M1A0366	SHAIK MOHAMMAD ASIF	
55	184M1A0367	SHAIK SHAFINAZ	
56	184M1A0369	SYED PARVEZ MUSHARAF	
57	184M1A0380	V JASHWANTH	
58	184M1A0381	V NAVEEN	
59	184M1A0382	V SREEDEVI	
60	184M1A0383	VADLAMUDI HEMANTH KUMAR	
61	184M1A0385	MADAKAM RADHA KRISHNA JASWANTH	
62	194M5A0301	ALAM UPENDRA	
63	194M5A0302	BAGADI RAMAKRISHNA	
64	194M5A0303	CHIPATI SREEKANTH REDDY	
65	194M5A0304	DIGALA RAVITEJA	
66	194M5A0306	GAMPALA BHANU PRAKASH	
67	194M5A0307	GURRAM NITHESH GOPAL	
68	194M5A0308	JADAPALLE SARATH BABU	
69	194M5A0309	K K LATHISH KUMAR	
70	194M5A0310	K M NAVEEN KUMAR	
71	194M5A0311	KALLURU DILLI BABU	
72	194M5A0312	KOTTE VENUGOPAL	
73	194M5A0313	KUNCHA GIREESH	
74	194M5A0314	M F FAZIL KHAN	
75	194M5A0316	M VIJAY	
76	194M5A0317	MANDA REDDI BABU	1
77	194M5A0318	MUTHYAMGARI ABHILASH	
78	194M5A0319	N VINAY	
79	194M5A0320	PANABAKAM SAINATH REDDY	
80	194M5A0321	PERUMALLA VAMSI KRISHNA	
81	194M5A0323	S HAREESH	
82	194M5A0324	THAMMISSETTY YEDUKONDALU	
83	194M5A0325	THANGELLA VENKATATHARUN	
84	194M5A0326	TIRUPATHI JAYAKUMAR	
85	194M5A0327	VALLURU SISINDRI	
86	194M5A0328	D RAHAMATHULLA	
87	194M5A0329	GP RAGHUL MARK ANTHONY	
88	194M5A0330	P SANTHOSH	
89	174M1A0326	G RAJ KUMAR	
90	174M1A0364	P BHANU PRAKASH	
91	174M1A0395	T SIDDI GANESH	

PRINCIPAL

Vemu Institute of Technology  
P. KOTHAKOTA - 517 112

HEAD

DEPARTMENT OF MECHANICAL ENGINEERING  
Head of the Department  
VEMU INSTITUTE OF TECHNOLOGY  
P. KOTHAKOTA - 517 112

**VEMU INSTITUTE OF TECHNOLOGY::P.KOTHAKOTA**

NEAR PAKALA, CHITTOOR-517112

(Approved by AICTE, New Delhi &amp; Affiliated to JNTUA, Anantapuramu)

**Department of Mechanical Engineering****ONLINE WORKSHOP**

Date: 12-05-2021 to 29-05-2021

Title: **PRODUCT DESIGN AND DRAFTING BY CATIA****Workshop Attendance (III B.Tech ME Students)**

S.No	Roll No	Student Name	DAYS															
			12/05/21	13/05/21	14/05/21	15/05/21	17/05/21	18/05/21	19/05/21	20/05/21	21/05/21	22/05/21	24/05/21	25/05/21	26/05/21	27/05/21	28/05/21	29/05/21
1	184M1A0301	A LALU PRASAD	√	√	√	√	√	√	√	√	√	A	√	√	√	√	√	√
2	184M1A0304	ABBURI RUPESH	√	√	A	√	√	√	√	√	√	√	√	√	√	√	√	√
3	184M1A0305	AKKARI BHARATH REDDY	A	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
4	184M1A0306	AMASAGANDLA UMA VENKATA KRISHNAIAH	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
5	184M1A0307	AMURU JEEVANKUMAR	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
6	184M1A0308	ANCHALA GURUMOHAN	√	√	√	√	√	√	√	√	√	√	√	√	√	A	√	√
7	184M1A0309	ARIKERI PURUSHOTHAM REDDY	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
8	184M1A0310	B HEMANTH	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
9	184M1A0311	BALA MURALI KATTU	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
10	184M1A0312	BALASALA DHANUSH	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√

**PRINCIPAL**  
Vemu Institute of Technology  
P. KOTHAKOTA - 517 112



# VEMU INSTITUTE OF TECHNOLOGY::P.KOTHAKOTA

NEAR PAKALA, CHITTOOR-517112

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu)

## Department of Mechanical Engineering

11	184M1A0316	BODDU DHANUSH	√	√	√	√	√	√	A	√	√	√	√	√	√	√	√	√
12	184M1A0317	BORUTHALUPULU JYOTHEESWARAREDDY SUKESH	√	A	√	√	√	√	√	√	√	√	√	√	√	√	√	√
13	184M1A0318	C SEKHAR	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
14	184M1A0319	CHANDRAGIRI SIVAPRASAD	√	√	√	√	√	√	√	√	√	√	√	√	√	A	√	√
15	184M1A0321	CHITTOOR SOMU	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
16	184M1A0322	DAVULURI MOUNIKA	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
17	184M1A0323	DUDI KOVURU MAHAMMAD SUHEL	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
18	184M1A0324	EDICHARLA CHANDHEESWAR	√	√	√	A	√	√	√	√	√	√	√	√	√	√	√	√
19	184M1A0326	G JAYA KRISHNA	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
20	184M1A0327	G NAVEEN KUMAR	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
21	184M1A0328	G PREMCHAND	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
22	184M1A0329	GADAPARTHI NIKHIL NAIDU	√	√	√	√	√	√	√	√	√	A	√	√	√	√	√	√
23	184M1A0330	GADDAM DINESH BABU	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
24	184M1A0332	GOLLAPALLY MADANMOHAN REDDY	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
25	184M1A0333	IRALA SATHISH REDDY	√	√	A	√	√	√	√	√	√	√	√	√	√	√	√	√
26	184M1A0334	K MADHAN KUMAR	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√

PRINCIPAL

Vemu Institute of Technology

P. KOTHAKOTA - 517 112





# VEMU INSTITUTE OF TECHNOLOGY::P.KOTHAKOTA

NEAR PAKALA, CHITTOOR-517112

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu)

## Department of Mechanical Engineering

27	184M1A0335	K SAI ESWAR REDDY	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
28	184M1A0336	KAKULURU KARTHIK	√	√	√	√	√	√	√	√	√	√	√	A	√	√	√	√
29	184M1A0337	KALICHETTY NIKHIL	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
30	184M1A0338	KALIKIRI DILLIBABU	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
31	184M1A0339	KAMBAM AKHIL KUMAR REDDY	√	√	A	√	√	√	√	√	√	√	√	√	√	√	√	√
32	184M1A0340	KONAVATTAM KIRAN	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
33	184M1A0341	KONDA REDDIVARAPRASAD	√	√	√	√	√	A	√	√	√	√	√	√	√	√	√	√
34	184M1A0342	KOTAKURI SATISH KUMAR	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
35	184M1A0343	KUCHI SARATH	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
36	184M1A0344	LEKKALAPUDI BHARGAVI	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
37	184M1A0345	M KARTHIK	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
38	184M1A0346	MAMIDIPALLI RAVITEJA	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
39	184M1A0347	MANDEM SANJAY KUMAR	√	√	√	√	√	√	√	√	√	A	√	√	√	√	√	√
40	184M1A0348	MEDARAMETLA VIVEKANANDA	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
41	184M1A0349	MENTA VENKATA SAI BHANU CHARAN	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
42	184M1A0350	MOKKATLA DEVA	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
43	184M1A0351	NANGA BHADRINATH	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√

  
PRINCIPAL  
Vemu Institute of Technology  
P. KOTHAKOTA - 517 112



# VEMU INSTITUTE OF TECHNOLOGY::P.KOTHAKOTA

NEAR PAKALA, CHITTOOR-517112

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu)

## Department of Mechanical Engineering

44	184M1A0352	ONTIPULI BALAJI	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	A	√
45	184M1A0353	P DEVI PRASAD	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
46	184M1A0356	R D YUVARAJ	√	√	√	√	√	√	√	√	√	A	√	√	√	√	√	√	√
47	184M1A0357	RAVALA SANDEEP	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
48	184M1A0358	REDYPALLI DHEERAJ	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
49	184M1A0360	S NAZIM BASHA	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
50	184M1A0362	SANAGARI SIVA KRISHNA	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
51	184M1A0363	SANDHIREDDY MOHANRAO	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
52	184M1A0364	SATRAWADA BHASKAR THEJA	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
53	184M1A0365	SHAIK A SHAJIYA	√	√	√	√	√	A	√	√	√	√	√	√	√	√	√	√	√
54	184M1A0366	SHAIK MOHAMMAD ASIF	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
55	184M1A0367	SHAIK SHAFINAZ	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
56	184M1A0369	SYED PARVEZ MUSHARAF	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
57	184M1A0380	V JASHWANTH	A	√	√	√	√	√	√	√	√	√	A	√	√	√	√	√	√
58	184M1A0381	V NAVEEN	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
59	184M1A0382	V SREEDEVI	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
60	184M1A0383	VADLAMUDI HEMANTH KUMAR	√	√	√	A	√	√	√	√	√	√	√	√	√	√	√	√	√

PRINCIPAL

Vemu Institute of Technology  
P. KOTHAKOTA - 517 112

400  
800  
2000



# VEMU INSTITUTE OF TECHNOLOGY::P.KOTHAKOTA

NEAR PAKALA, CHITTOOR-517112

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu)

## Department of Mechanical Engineering

61	184M1A0385	MADAKAM RADHA KRISHNA JASWANTH	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
62	194M5A0301	ALAM UPENDRA	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
63	194M5A0302	BAGADI RAMAKRISHNA	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
64	194M5A0303	CHIPATI SREEKANTH REDDY	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
65	194M5A0304	DIGALA RAVITEJA	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
66	194M5A0306	GAMPALA BHANU PRAKASH	√	√	√	√	A	√	√	√	√	√	√	√	√	√	√	√
67	194M5A0307	GURRAM NITHESH GOPAL	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
68	194M5A0308	JADAPALLE SARATH BABU	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
69	194M5A0309	K K LATHISH KUMAR	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
70	194M5A0310	K M NAVEEN KUMAR	√	√	√	√	√	√	√	A	√	√	√	√	√	√	√	√
71	194M5A0311	KALLURU DILLI BABU	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
72	194M5A0312	KOTTE VENUGOPAL	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
73	194M5A0313	KUNCHA GIREESH	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
74	194M5A0314	M F FAZIL KHAN	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
75	194M5A0316	M VIJAY	√	√	√	√	√	√	√	√	A	√	√	√	√	√	√	√
76	194M5A0317	MANDA REDDI BABU	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
77	194M5A0318	MUTHYAMGARI ABHILASH	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√

PRINCIPAL

Vemu Institute of Technology

P. KOTHAKOTA - 517 112




# VEMU INSTITUTE OF TECHNOLOGY::P.KOTHAKOTA

NEAR PAKALA, CHITTOOR-517112

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu)

## Department of Mechanical Engineering

78	194M5A0319	N VINAY	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
79	194M5A0320	PANABAKAM SAINATH REDDY	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
80	194M5A0321	PERUMALLA VAMSI KRISHNA	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
81	194M5A0323	S HAREESH	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
82	194M5A0324	THAMMISETTY YEDUKONDALU	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
83	194M5A0325	THANGELLA VENKATATHARUN	√	√	√	√	√	A	√	√	√	√	√	√	√	√	√	√
84	194M5A0326	TIRUPATHI JAYAKUMAR	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
85	194M5A0327	VALLURU SISINDRI	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
86	194M5A0328	D RAHAMATHULLA	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
87	194M5A0329	GP RAGHUL MARK ANTHONY	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
88	194M5A0330	P SANTHOSH	√	√	√	√	√	√	√	√	√	√	√	√	√	A	√	√
89	174M1A0326	G RAJ KUMAR	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
90	174M1A0364	P BHANU PRAKASH	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
91	174M1A0395	T SIDDI GANESH	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√

  
PRINCIPAL  
Vemu Institute of Technology  
P. KOTHAKOTA - 517 112

  
HOD  
HEAD  
DEPARTMENT OF ME  
VEMU INSTITUTE OF TECHNOLOGY  
P. KOTHAKOTA - 517 112



# VEMU INSTITUTE OF TECHNOLOGY::P.KOTHAKOTA

NEAR PAKALA, CHITTOOR-517112

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu)

## Department of Mechanical Engineering Question Paper for Evaluation


Title: PRODUCT DESIGN AND DRAFTING BY CATIA

Date: 29-05-2021

Name of the Student:

Branch: MECH

- 1) An assembly in Catia V5 has which suffix?  
A) \*.CATPart                      B) \*.Model                      C) \*.Prt                      D) \*.Dwg
- 2) 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
- 3) Does CATIA V5 work on UNIX Platform?                      [True/False]
- 4) \_\_\_\_\_ is the tool used to exit from sketcher workbench to part design Workbench?
- 5) \_\_\_\_\_ is the use of construction elements?
- 6) \_\_\_\_\_ are the default units of LMT (Length, Mass and Time).
- 7) \_\_\_\_\_ are different conic sections.
- 8) Axis is used in creating shaft (revolved) feature                      [True/False]
- 9) Can we redefine the sketches?                      [True/False]
- 10) \_\_\_\_\_ are types of Co-ordinate systems
- 11) Axis be converted into line or vice versa.                      [True/False]

  
PRINCIPAL  
Vemu Institute of Technology  
P. KOTHAKOTA - 517 112



# VEMU INSTITUTE OF TECHNOLOGY::P.KOTHAKOTA

NEAR PAKALA, CHITTOOR-517112

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu)

## Department of Mechanical Engineering

- 12) \_\_\_\_\_ are types of environment are available to start CATIA?
- 13) The \_\_\_\_\_ can be used in drawings to change an entity's appearance.
- 14) CATIA stands for \_\_\_\_\_
- 15) CATIA P1, CATIA P2 AND CATIA P3 mean \_\_\_\_\_
- 16) Mean dimension is the dimension that \_\_\_\_\_
- 17) Nurbs are the type of \_\_\_\_\_
- 18) Mirror command in sketch will create \_\_\_\_\_
- 19) A part in Catia V5 has which suffix? [    ]
- A) \*.CATPart                      B) \*.Model                      C) \*.Prt                      D) \*.Dwg
- 20) Is "wrench-Bonn?et\_string.CATPrpduct" an acceptable filename in Catia [    ]
- A) True                      B) Flase                      C) Cannot Say                      D) None of these

  
PRINCIPAL  
Vemu Institute of Technology  
P. KOTHAKOTA - 517 112

  
HEAD  
DEPARTMENT OF ME  
VEMU INSTITUTE OF TECHNOLOGY  
P. KOTHAKOTA - 517 112

VEMU INSTITUTE OF TECHNOLOGY  
P. KOTHAKOTA - 517 112



# VEMU INSTITUTE OF TECHNOLOGY::P.KOTHAKOTA

NEAR PAKALA, CHITTOOR-517112

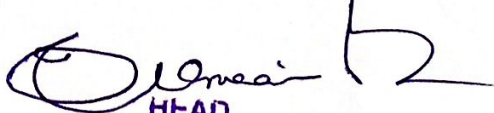
(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu)

## Department of Mechanical Engineering

### Answers:

- 1) A    2) A                    3) True            4) Exit Sketcher
- 5) sketching the required profile in sketcher            6) mm, Kg, Second
- 7) Ellipse, Hyperbola & Parabola                    8) True                    9) True
- 10) Cartesian, Polar and Spherical co-ordinate systems
- 11) True.    12) motif (from desktop) , dterm (from console)
- 13) Line Format Toolbar
- 14) Computer Aided Three-Dimensional Interactive Application
- 15) Different types of platforms of CATIA
- 16) should be mean of all the dimensions, which are tolerance.
- 17) Curves                    18) a copy of the sketch about a reference plane.
- 19) A                    20) True

  
PRINCIPAL  
Vemu Institute of Technology  
P. KOTHAKOTA - 517 112

  
HEAD  
DEPARTMENT OF ME  
VEMU INSTITUTE OF TECHNOLOGY  
P. KOTHAKOTA - 517 112



**VEMU INSTITUTE OF TECHNOLOGY::P.KOTHAKOTA**  
**NEAR PAKALA, CHITTOOR-517112**

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu)

DEPARTMENT OF MECHANICAL ENGINEERING

**Report-On**

An Online Workshop

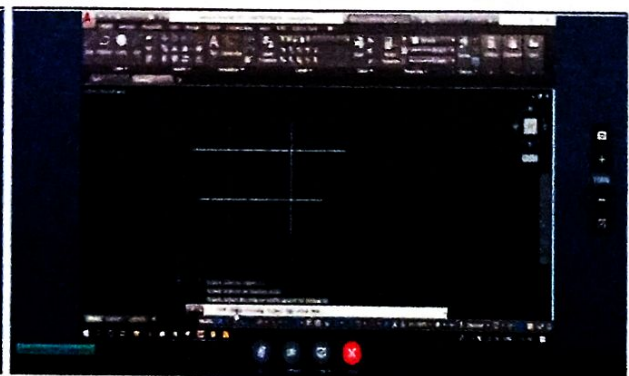
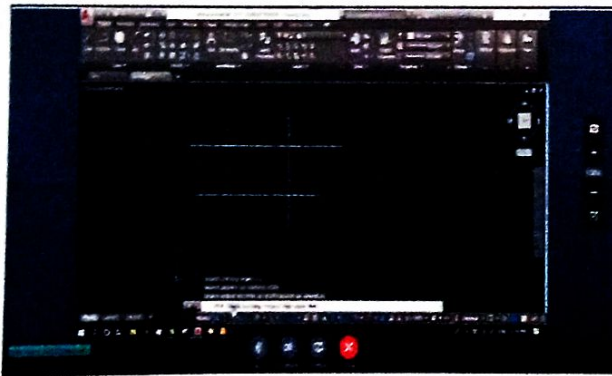
**PRODUCT DESIGN AND DRAFTING BY CATIA**

(12-05-2021 to 29-05-2021)

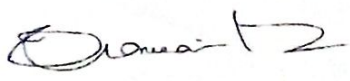
The Department of ME, Vemu IT in association with Andhra Pradesh Skill Development Corporation (APSSDC), Vijayawada, has organizing an Online workshop on “PRODUCT DESIGN AND DRAFTING BY CATIA” from 15th May, 2021 to 29th May, 2021 for the III B.Tech students of Mechanical Engineering to enhance the knowledge regarding drafting by CATIA by Miss. G.Sumohana and Miss. K.Prasana Lakshmi, Trainers, APSSDC, Vijayawada. This program was organized by Dr. K.V.N.V.N Rao, Head of the Department with the convener Dr. G. Ramesh, Associate Professor, and the Co-convener of program Mr. P. Kumar, Assistant Professor in the ME Department. The program was held on online mode for all theory sessions and practical sessions. The total program is successfully completed with the cooperation of each and every faculty member of the Department and student participants.

The outcomes of the workshop are:

- 1) To understand the product drafting like to sketcher workbench, sketch creation, modifications, constraining by using CATIA
- 2) To Creating 3D models by following correct tree structure, Boolean operations, Applying the draft analysis to created Models by using CATIA.



  
**PRINCIPAL**  
Vemu Institute of Technology  
P. KOTHAKOTA - 517 112

  
**Head of the Department**  
**HEAD**  
**DEPARTMENT OF ME**  
**VEMU INSTITUTE OF TECHNOLOGY**  
P. KOTHAKOTA - 517 112





# Andhra Pradesh State Skill Development Corporation (APSSDC)

(Department of Skill Development & Trainings, Govt. of Andhra Pradesh)



**Skill AP**  
APSSDC



Cert.No. PDDC/05/2021-22/063

Regd Id : 184M1A0382

This is to certify that Mr./Ms./Mrs..... V. Sreedevi.....

of ..... VEMU Institute of Technology..... has successfully

participated in Online Training Program on ..... Product Design And Drafting by CATIA.....

held from ..... 12-05-2021..... to ..... 29-05-2021.....

**Dr. D.V. Rama Koti Reddy**

Executive Director  
APSSDC

**PRINCIPAL**

Vemu Institute of Technology  
P. KOTHAKOTA - 517 112

**Dr. Srikanth Arja, IRTS**

MD & CEO



# Andhra Pradesh State Skill Development Corporation (APSSDC)

(Department of Skill Development & Trainings, Govt. of Andhra Pradesh)



## Certificate of Participation



Cert.No. PDDC/05/2021-22/070

Regd Id : 194M5A0306

This is to certify that Mr./Ms./Mrs..... Gampala Bhanu Prakash  
of ..... VEMU Institute of Technology..... has successfully  
participated in Online Training Program on ..... Product Design And Drafting by CATIA  
held from ..... 12-05-2021..... to ..... 29-05-2021.....

**Dr. D.V. Rama Koti Reddy**  
Executive Director  
APSSDC

**PRINCIPAL**  
Vemu Institute of Technology  
P. KOTHAKOTA - 517 112

**Dr. Srikanth Arja, IRTS**  
MD & CEO



# Andhra Pradesh State Skill Development Corporation (APSSDC)

(Department of Skill Development & Trainings, Govt. of Andhra Pradesh)



Cert.No. PDDC/05/2021-22/079

Regd Id : 194M5A0316

This is to certify that Mr./Ms./Mrs..... M. Vijay.....  
of ..... VEMU Institute of Technology..... has successfully  
participated in Online Training Program on ..... Product Design And Drafting by CATIA  
held from ..... 12-05-2021..... to ..... 29-05-2021.....

**Dr. D.V. Rama Koti Reddy**  
Executive Director  
APSSDC

**PRINCIPAL**  
Vemu Institute of Technology  
P. KOTHAKOTA - 517 112

**Dr. Srikanth Arja, IRTS**  
MD & CEO