SYLLABUS/ CURRICULUM



(Approved by AICTE & Affiliated to Anna University, Chennai)

City Office: 10, Pandian Saraswathi St, Sivagami Nagar, Narayanapuram, Madurai - 625 014. Telefax- 0452 2682338, Mobile: 98423-02628

Department of Mechanical Engineering

Academic Year 2019-2020

VACME1920FC-Free CAD

OBJECTIVE OF THE COURSE

- This course will introduce the student to the entry level CAD applications of free CAD software
- > To provide "hands-on" experience to create 3D Models of Basic Parts and Assemblies

MODULE-1 INTRODUCTION 7
Introduction for Free Cad-Basic Preference-Basic Tools and Techniques- Define Constraints-Customizing Workbenches

MODULE-2 2D MODELING 7
2D drawing setting up- Tech Draw workbench- Convert a 2D Sketch into 3D Model- Manage and collaborate remotely with cloud.

MODULE-3 3D MODELING 7
Part Workbench- Draft workbench- Part Design workbench- Sketcher workbench- Import and export Files in Free CAD- Material, Texture & Rendering in Free CAD- 3D Printing in

MODULE-4 ASSEMBLY 7
Parametric part modeling- Model Locating finger -A2 Plus Workbench- Assembly
Workbench- Insert Fasteners in Free CAD Assembly- Exploded view in Free CAD

MODULE-5
3D MODELING PROJECTS
7
Model Compression spring- Pipe and flange design- Sheet metal part design- Model Gear-Surface Design- Model Index Slide- STL File- Model helical thread- Model gear pump body-Model chuck jaw- Convert DXF into 3D

Total:35 Hours

OUTCOMES

Free CAD

- After the completion of the course,
- Students will be able will create a 3D and model Multiview drawings
- Students will be able to explain the need, relevancy and application of Free CAD

Course coordinator

HOD/MECH

PRINCIPAL

R RAJA
Date: 2024.06.26
18:10:18 +05'30'



(Approved by AICTE & Affiliated to Anna University, Chennai)

City Office: 10, Pandian Saraswathi St, Sivagami Nagar, Narayanapuram, Madurai - 625 014. Telefax- 0452 2682338, Mobile: 98423-02628

Department of Mechanical Engineering

Academic Year 2019-2020

VACME1920FC- Free Cad Course Schedule

Date	Time	TOPICS						
04/12/2019	9.00 am to 12.15 pm	Introduction for Free Cad-Basic Preference-Basic Tools and Techniques- Define Constraints-Customizing Workbenches						
0 1/12/2019	1.00 pm to 4.15 pm							
05/12/2019		D drawing setting up- Tech Draw workbench- Convert a 2D Sketch						
	1.00 pm to 4.15 pm	into 3D Model- Manage and collaborate remotely with cloud.						
	•	Part Workbench- Draft workbench- Part Design workbench- Sketcher						
06/12/2019	1.00 pm to 4.15 pm	workbench- Import and export Files in FreeCAD						
07/12/2019		Material, Texture & Rendering in FreeCAD- 3D Printing in Free CAD, Practice						
07/12/2019	1.00 pm to 4.15 pm	Practice						
	9.00 am to 12.15 pm	Parametric part modeling- Model Locating finger -A2 Plus Workbench-						
08/12/2019	1.00 pm to 4.15 pm	Assembly 4 Workbench- Insert Fasteners in FreeCAD Assembly- Exploded view in FreeCAD						
		Model Compression spring- Pipe and flange design- Sheet metal part design- Model Gear- Surface Design- Model Index Slide- STL File-						
09/12/2019		Model helical thread- Model gear pump body- Model chuck jaw- Convert DXF into 3D						

Total Hours: 35

Tea Break: 11:00 am to 11:15am & 03:00 pm to 03:15 pm

Lunch Break: 12:15 pm to 01:00pm

Course coordinator

HOD/MECH

PRINCIPAL

R RAJA

Digitally signed by R RAJA Date: 2024.06.26 18:10:30 +05'30'



(Approved by AICTE & Affiliated to Anna University, Chennai)

Madurai - Sivagangai Highway, Arasanoor, Thirumansolai Post, Sivagangai Dt. - 630 561, Tamilnadu Mobile : 9842102628, 7373002628 Email: info@psyec.edu.in Website : www.psyec.edu.in

City Office: 10, Pandian Saraswathi St, Sivagami Nagar, Narayanapuram, Madurai - 625 014. Telefax- 0452 2682338, Mobile: 98423-02628

DEPARTMENT OF MECHANICAL ENGINEERING Academic Year 2019-2020

One page Report

Name of the course

: Free CAD

Course Code

: VACME1920FC

Resource Person

: Mr. N. Shanmugam

Electro Mechanical Designer

Embien Technologies (India) Private Limited

Madurai

Course Coordinator

: Dr. S. Rajamuneeswaran

Date/Duration

: 04.12.2019-09.12.2019—35 hours

I here affirm that the second-year students of strength 30 have been taught the value-added course tittle "Free CAD" as per the syllabus and completed within the stipulated time duration.

I confirm that the value-added course titled "Free CAD" has been conducted in the beginning of the semester and course delivery along with the attendance of the students was recorded.

I confirmed that all the students were actively participated in the course and the eligible students were certified for the course.

Dr S Rajamuneeswaran

Mr.M. Radhakrishnan.,

Dr.R. Rai

ASP/MECH

ASP/MECH

Principal

Course Co-Ordinator

Head of the Department

R RAJA Digitally signed by R RAJA Date: 2024.06.26 18:11:35 +05'30'

ASSESSMENT PROCEDURE



a) Xb) Yc) Zd) W

a) ellipseb) linec) chamferd) circle

PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

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City Office: 10, Pandian Saraswathi St, Sivagami Nagar, Narayanapuram, Madurai - 625 014. Telefax- 0452 2682338, Mobile: 98423-02628

Department of Mechanical Engineering

Academic Year 2019-2020

VACME1920FC-Free Cad

Assessment Questions with Answer

1. In Cartesian coordinate system, the ___ axis is vertical.

 3. What does the command Fillet do? a) Straightens an angle b) Curves an angle c) Deletes an angle d) All of above
4. The shortcut command key for UNDO.
a) CTRL+C
b) CTRL+Z
c) CTRL+CU
d) CTRL+CHA
5. This type of triangle has TWO equal sides?
a) Move
b) Trim
c) Extend
d) Scale
6. What a phantom line used for?
a) To show an alternate position
b) To represent a line of symmetry

d) To eliminate a section of drawing not needed because of size

c) To represent an edge not visible

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2. Minor axis and major axis must be specified in order to draw a(n)



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7. The	command provides the length of an object but does not place a dimension line or
the drawin	g?

- a) Annotate
- b) Leader
- c) Baseline
- d) Distance
- 8. Free CAD commands such as LINE, CIRCLE, and ARC and other basic CAD figures are examples of_____
 - a) Modify commands
 - b) Edit commands
 - c) Draw commands.
 - d) None of the above
- 9. When a layer is turned off
 - a) It makes no real difference. Details can still be added to the layer
 - b) Details on the layer cannot be seen
 - c) File space is saved when saving the file
 - d) Details cannot be erased from the layer
- 10. What a break line used for?
 - a) To show an alternate position
 - b) To represent an edge not visible
 - c) To represent a line of symmetry
 - d) To eliminate a section of drawing not needed because of size

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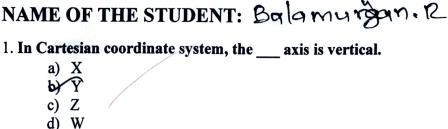
City Office: 10, Pandian Saraswathi St, Sivagami Nagar, Narayanapuram, Madurai - 625 014. Telefax- 0452 2682338, Mobile: 98423-02628

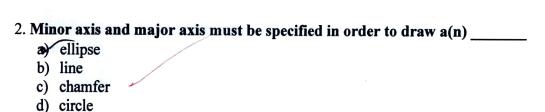
Department of Mechanical Engineering

Academic Year 2019-2020

VACME1920FC- Free Cad
Assessment Test Paper

REGISTER NUMBER: 9/20/8/14003





- 3. What does the command Fillet do?
 - a) Straightens an angle
 - b) Curves an angle
 - c) Deletes an angle
 - d) All of above
- 4. The shortcut command key for UNDO.
 - a) CTRL+C
 - by CTRL+Z
 - c) CTRL+CU
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- 5. This type of triangle has TWO equal sides? _____
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City Office: 10, Pandian Saraswathi St, Sivagami Nagar, Narayanapuram, Madurai - 625 014. Telefax- 0452 2682338, Mobile: 98423-02628 7. The ___ command provides the length of an object but does not place a dimension line on the drawing? a) Annotate b) Leader c) Baseline d) Distance 8. Free CAD commands such as LINE, CIRCLE, and ARC and other basic CAD figures are examples of a) Modify commands Edit commands c) Draw commands. d) None of the above 9. When a layer is turned off a) It makes no real difference. Details can still be added to the layer Details on the layer cannot be seen c) File space is saved when saving the file d) Details cannot be erased from the layer

- 10. What a break line used for?
 - a) To show an alternate position
 - b) To represent an edge not visible
 - To represent a line of symmetry
 - d) To eliminate a section of drawing not needed because of size

Department of Mechanical Engineering

Student Performance Sheet

Academic Year : 2019-2020

Cource Code : VACME1920FC

Course Name : Free Cad

Duration of hours : 35

Period of Course : 04.12.2019 to 09.12.2019

	Assessm		
SI. No	Register Number	Student Name	Marks
1	912018114002	AZHAGUMANIKANDAN A	66
2	912018114003	BALAMURUGAN R	80
3	912018114004	BHARATH M .	00
4	912018114005	DINESH MAPPILLAI DURAI SV	86
5	912018114007	GUNA K	80
6	912018114008	HARIHARAN G	20
7	912018114009	INDHIRA KUMAR G	36
8	912018114010	JAYSHANKAR YADAV	90
9	912018114011	KARTHIK PRASANNA G	92
10	912018114012	MANI PRABHU K	6)
11	912018114013	MANOJ S	ar
12	912018114014	MOHAN R	94
13	912018114015	MUNIYASAMY B	92
14	912018114016	MUTHUKUMAR M	93
15	912018114017	MUTHU KUMAR M	92
16	912018114019	MUTHURAJA V	#8
17	912018114020	PRAVEEN KUMAR K	76
18	912018114021	PREM K	70
19	912018114022	SANTHANA SELVAM V	60
20	912018114025	SETHUMADHAVAN B	2-2
21	912018114026	SIVASANKAR P	8-4
22	912018114027	VARUN CHAKKARAVARTHI T	87
23	912018114028	VASANTH N	80
24	912018114301	MANIKANDAN S	82
25	912018114302	RAVICHANDRAN R	84
26	912018114303	SANJAY M	68
27	912018114304	SIVARAJ J	26
28	912018114701	KABILAN K	27
29	912018114702	LANKESHWARAN B .	90
30	912018114703	VENKATESH K	02

Course coordinator HOD/MECH

PRINCIPAL

R RAJA Date: 2024.06.26 18:14:01 +05'30'

STUDENTS ATTENDANCE

Department of Mechanical Engineering

Student Attendance Sheet

Academic Year

: 2019-2020

Cource Code

: VACME1920FC

Course Name

: Free Cad

Duration of hours

. 25

Period of Course

: 04.12.2019 to 09.12.2019

		ince Sheet	00.00	10.00	Dat		12-28	219
SI. No	Register Number	Student Name	09.00 am - 10.00 am	10.00 am - 11.00 am	11.15 am - 12.15pm	01.00 pm - 02.00 pm	02.00 pm - 03.00 pm	03.15 pm - 04.15 pm
1	912018114002	AZHAGUMANIKANDAN A	ALLAND.	AND	Druss	Aurof.	AMA	Asima
2	912018114003	BALAMURUGAN R	P. Blood	Rabinay	R.Bobbes	Rabing	R. galay	R.Bom
3	912018114004	BHARATH M	Bhox	Bho	Blood	800	- Blog	Bhas
4	912018114005	DINESH MAPPILLAI DURAI SV	Duth	Busy	DWSV	DMSV	Busa	DMSV
5	912018114007	GUNA K	Burds.	Couch	Ouls.	Buth.	Justa	Pels
6	912018114008	HARIHARAN G	Hart	How	HOSES	Можь	1000	11051-
7	912018114009	INDHIRA KUMAR G	m.	m	n	~	n	n
8	912018114010	JAYSHANKAR YADAV	Tapadu	Tyde	Typh	Jack .	Toler	Some
9	912018114011	KARTHIK PRASANNA G	Koodho	- Know	Koodle	Kont	- Kovel	* COTH
10	912018114012	MANI PRABHU K	monto	MD	Nowle	hows	mulz	Maren
11	912018114013	MANOJ S	Nove	non'	newy	my	non	m
12	912018114014	MOHAN R	nohou	moto	mda	noha	moto	moh
13	912018114015	MUNIYASAMY B	ms	ms	L-M	ms	Em	mo
14	912018114016	MUTHUKUMAR M	Me	lik	ich	ing	MR	lyk
15	912018114017	MUTHU KUMAR M	Atun	Aug	Atun	Hun	Ham !	nydl
16	912018114019	MUTHURAJA V	v.mas	V. mith	U. Ray a	u messa	U Moss	1 good
17	912018114020	PRAVEEN KUMAR K	Drever	power	purer	brown	erug	oure
18	912018114021	PREM K	potom	Pa	brow	PON	s prov	POIDA
19	912018114022	SANTHANA SELVAM V	cant.	Cont.	Sont-	Cont	sont	ion
20	912018114025	SETHUMADHA VAN B	Suff	the	Suke	Swx	SuB	SuB
21	912018114026	SIVASANKAR P	silla	Silla	2140	silo	Sum	Sèlo
22	912018114027	VARUN CHAKKARAVARTHI T	Traver	- Calone	Tuom	man	Kinon	- None
23	012010114020	VASANTH N	Valanth	1 avant	Leyand	2 estable	LAMAR	IMM
24	012018114201	MANIKANDAN S	Mario	inan		-AXOA	mento	Man
25	912018114302	RAVICHANDRAN R	Parke	Dalm	Palue	Revis	Rales	Eda
26	912018114303	SANJAY M	Lazia M	Lange M	10	Suja.m	1	Say. M
27	912018114304	SIVARAJ J	33409	Sido		SUD		
28	912018114701	KABILAN K	Lab:	fab i	Kasi	Fraki	Jeaki	falsi
29	912018114702	LANKESHWARAN B	Lawy	Jave !	ventos	rand	anu	lan
30	912018114703	VENKATESH K	Jan D	1000	2. 2	100.1	1000	140

Course coordinator

Lunch Break

HOD/MECH

PRINCIPAL

14:15 pm to 01:00pm

Department of Mechanical Engineering

Student Attendance Sheet

Academic Year

: 2019-2020

Cource Code

VACME1920FC

Course Name

: Free Cad

Duration of hours

: 35

Period of Course

: 04.12.2019 to 09.12.2019

21		nce Sheet	00.00	10.00	Dat		12.2	-
I. 0	Register Number	Student Name	09.00 am - 10.00 am	10.00 am - 11.00 am	11.15 am - 12.15pm	01.00 pm - 02.00 pm	02.00 pm - 03.00 pm	03.15′pm - 04.15 pm
1	012018114002	AZHAGUMANIKANDAN A	Aut	Awa	A.14.4	ANN	ALLA	ANIA
2	912018114003	BALAMURUGAN R	Reduce	Karanga M	R. Babary	Reconsiger	Contrag	Redorg
3	912018114004	BHARATH M	Bharett	Bhoo	2 Blown	a Bhoo	محواء 4	Down &
4	912018114005	DINESH MAPPILLAI DURAI SV	SMSU	Drisu	DMSV	DWSA	Dusa	Donsy
5	912018114007		Gun Da	2.10.	Clark.	Guarle.	Chul Ma	Gunk
6	912018114008	HARIHARAN G	Hare	HOTH	HOSEL	HOOL	HOZA	ACON TO THE STATE OF THE STATE
7	912018114009	INDHIRA KUMAR G	in	W	w	1/	~	
8	912018114010	JAYSHANKAR YADAV	Typhu	Took	Inde	Typele	3 Cell	Tela
9	912018114011	KARTHIK PRASANNA G	Karthik	Karth	KOOCA	Koetho	March	Kartha
10	912018114012	MANI PRABHU K	Men &	Mast	Mab.	Mub	Mails	Much
11	912018114013	MANOJ S	money	morris	novas	MOIN	money	DUM
12	912018114014	MOHAN R	mohan	maha	motion	mola	o modos	moleon
13	912018114015	MUNIYASAMY B	1-M	Em	m	m	mod	m
14	912018114016	MUTHUKUMAR M	uo.	112	ME	ME	MK	Max
15	912018114017	MUTHU KUMAR M	anex Ha	muste	much	Along	math	Chan.
16	912018114019	MUTHURAJA V	rmoes c	J. Mith	v. moto	v.muth	V. mich	U. man
17	912018114020	PRAVEEN KUMAR K	Pranau	paner	meren	Duran		ours
18	912018114021	PREM K	Ban	poon	pon	prop	Bou	2000
19	912018114022	SANTHANA SELVAM V	cont	Sant	sent	cont	sent	com
20	912018114025	SETHUMADHAVAN B	South	Swalls	SIM. B	SHR	SouR	Sur
2	912018114026	SIVASANKAR P	Sive	3110	2110	2ille	Sile	320
22	91701811407	VARUN CHAKKARAVARTHI T	- War	Thom	Turun	Lucu	Tuem	Tues
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2.	01201811420	MANIKANDAN S	mayers	manx	Man	e mar	- Man	Ma
2:	01201811420	RAVICHANDRAN R	0_1/1	Rally	Down	Dala	Parti	Dalie
2	01201811420	3 SANJAY M	Saly M	Siam	Sarath	Layor	Layer in	Bug m
2	01201911420	4 SIVARAJ J	awar	y Silb	3 3110	sus	Sivor	R Sindon
2	01201811470	I KABILAN K	Kabi	tali	las:	Keli	kali	Pabi
2	01201811470	LANKESHWARAN B	1 outo	loone	Cenu	Lanco	Lemes	bout
3	01201011470	3 VENKATESH K	0		0	10	1	. 0

Lunch Break

Course coordinator

12:15 pm to 01:00pm

HOD/MECH



Pandian Saraswathi yadav Engineering College,Arasanoor -630561 Department of Mechanical Engineering

Student Attendance Sheet

Academic Year : 2019-2020

Cource Code VACME1920FC

Course Name

Free Cad

Duration of hours

s : 35

Period of Course

: 04.12.2019 to 09.12.2019

CI.		ince Sheet	00.00	10.00	Dat		02.00	0)9
SI. No	Register Number	Student Name	09.00 am - 10.00 am	10.00 am - 11.00 am	11.15 am - 12.15pm	01.00 pm - 02.00 pm		03.15 pm - 04.15 pm
1	912018114002	AZHAGUMANIKANDAN A	AND	AMA	Aug M.	Mus.	AMA	And
2	912018114003	BALAMURUGAN R	R. Barry	Rabury	R.Blaneye	Roseway	Reduit	RBound
3	912018114004	BHARATH M	Bhoods	Bhos	shoute	Bharel	Rhots	Blood
4	912018114005	DINESH MAPPILLAI DURAI SV	Dusa	DMSU	DMSU	DMSU	DMSV	Jang
5	912018114007	guna k	Gunate	Sualle	morale	auro	Culc.	Bull
6	912018114008	HARIHARAN G	HOM	ACOU	HOXL	Home	HOOK	6000
7	912018114009	INDHIRA KUMAR G	Two	w	- ~	M	~	1
8	912018114010	JAYSHANKAR YADAV	Tyela	Tydu	Jueli	Trale	Typle	Tyder
9	912018114011	KARTHIK PRASANNA G	Kart	KOZER	KON	Korl	Kor	KONA
10	912018114012	MANI PRABHU K	mark	Mouls	rone	Mantz	mak.	Mank
11	912018114013	MANOJ S	arlow	monon	norry	nong	nous	news
12	912018114014	MOHAN R	motor	notion	work	adon	uga	word
13	912018114015	MUNIYASAMY B	IM-3	tm	md	tm	m	m
14	912018114016	MUTHUKUMAR M	Jy.	er .	We	rife	we.	ull
15	912018114017	MUTHU KUMAR M	MARINA	arky	, much	Austr	Mayon	MAN
16	912018114019	MUTHURAJA V	umstr	U Joseph	vineta	s. with	Jimety	v. man
. 17	912018114020	PRAVEEN KUMAR K	Prova	Dana	Lamar	prov	puron	pur
. 18	912018114021	PREM K	brow	POOR	DOW	poroa	PER	- 200r
19	912018114022	SANTHANA SELVAM V	Dans	tant	font	cent	cons	Perm
20	912018114025	SETHUMADHAVAN B	Sup	Sub	Sue	Cus	CMB.	Sn.B
21	912018114026	SIVASANKAR P	Sub	Lie	326	Site	Sito	alie
22	91201811402	VARUN CHAKKARAVARTHI T	T. War	Thom	Tuarr	Trace	Tuan	T. war
23	01201811402	8 VASANTH N	Jam	Linger	Joseph	agaro	recyant	yan
24	01201811420	I MANIKANDAN S	nois	rong	now	wan	men	men
2:	01201811420	2 RAVICHANDRAN R	Brush	Tell.	Darns	Donne	au	Palei
20	6 91201811430.	3 SANJAY M	Lagerin	Large	Sugar	Serger	Seven M	1
2	7 91201811430	4 SIVARAJ J	Sile		01.	Sim	- 1	Sil
2	01201811470	I KABILAN K	tok:	Joseph	toda	tobi	Josepi	food
25	9 91201811470	2 LANKESHWARAN B	(out)	Leen	Leaves	Marie	Corre	ilean
31	0 91201811470	3 VENKATESH K	Marian	Mary	Maria	Voersto	March	tond

Lunch Break

FN- 11:00 am to 11:15 am & AN-03:00 pm to 0.
12:15 pm to 01:00 pm

Course coordinator

HOD/MECH



Department of Mechanical Engineering

Student Attendance Sheet

Academic Year

: 2019-2020

Cource Code

VACME1920FC

Course Name

: Free Cad

Duration of hours

: 35

Period of Course

: 04.12.2019 to 09.12.2019

		nce Sheet			Dat		1-12-5	20/9
0	Register Number	Student Name	09.00 am - 10.00 am	10.00 am - 11.00 am	11.15 am - 12.15pm	01.00 pm - 02.00 pm	02.00 pm - 03.00 pm	03.15 pm - 04.15 pm
1	912018114002	AZHAGUMANIKANDAN A	Augh.	Burge	Hangu	Aura	AMA.	AMA
2	912018114003	BALAMURUGAN R	Robers	R. Belows	R.Boame	R galan	Restore	Rydan
3	912018114004	ВНАКАТН М	Bhar	Bloom	elasole -	ocols -	Rhan	Blows
4	912018114005	DINESH MAPPILLAI DURAI SV	Jms v	DMSV	DISV	DMSU	Dons	DMCV
5	912018114007	guna k	Gurrel.	Guek	Culza	Chale	Cuhol	Sula
6	912018114008	HARIHARAN G	Hasel	HOW	RIDU	HOST	MOST?	Hars
7	912018114009	INDHIRA KUMAR G	MS	W	5	N	V	~
8	912018114010	JAYSHANKAR YADAV	Type	Zyon	Type	Lyen	Zyou	Type
9	912018114011	KARTHIK PRASANNA G	Karths	Koth	Kooth	KOOCH	Kooth	Roth
10	912018114012	MANI PRABHU K	make	Maria	Mary	Manute	Mantin	Manys
11	912018114013	MANOJ S	maker	nous	mon	non	non	man
12	912018114014	MOHAN R	notes	moto	o motor	moba	nopa	noto
13	912018114015	MUNIYASAMY B	m	MJ	ma	mo	Ms	ms
14	912018114016	MUTHUKUMAR M	Sh	2dl	ink	in	ork	JK.
15	912018114017	MUTHU KUMAR M	more	MARGA	with	Man	Mark	House
16	912018114019	MUTHURAJA V	ometer	Juste Stepes	1 may	v. more	or mits	v. man
17	912018114020	PRAVEEN KUMAR K	DINOS	panear	pura	puress	princion	privar
18	912018114021	PREM K	2000	POA	Por	POD	PORON	Pren
19	912018114022	SANTHANA SELVAM V	gent	Sent	Leno.	fent	fart	gart
20	912018114025	SETHUMADHAVAN B	Suh	Swas	QuiB.	In B	Book	QB
2	912018114026	SIVASANKAR P	CINS	ave	-31va	JINE	CINE	in
22	912018114023	VARUN CHAKKARAVARTHI T	Claw	Loon	Tuesa	Trans	T. Varn	T. Warm
2	912018114028	VASANTH N	(sidery)	Loyant	1 west	Leyar	Levers	Luxar
2	91201811430	MANIKANDAN S	Mario	Nou	MAN	Man	s ma	Man
2:	912018114302	RAVICHANDRAN R	Serves	Day	Revendo	Balas	Rah	Redis
2	91201811430	3 SANJAY M	Sanparm	Sangyn	Lonjagn	Legos	(says A	Bun
2	7 91201811430	4 SIVARAJ J	Silve	340	3110	e sub	e sic	orais a
2	91201811470	I KABILAN K	Kodar	Kabie	Abbi	Yobi	palei	Galoi
2	01201011470	2 LANKESHWARAN B	Calle	s bands	1 cens	Lanes	Courle	don
3	01201011470	3 VENKATESH K	0000	Local	No. X	wat	Land	Lock

Lunch Break

dourse coordinator

12:15 pm to 01:00pm

HODMECH



Department of Mechanical Engineering

Student Attendance Sheet

Academic Year

: 2019-2020

Cource Code

VACME1920FC

Course Name

: Free Cad

Duration of hours

: 35

Period of Course

: 04.12.2019 to 09.12.2019

Attendance Sheet					Dat	e: 08	12.2	019
l. o	Register Number	Student Name	09.00 am - 10.00 am	10.00 am - 11.00 am	11.15 am - 12.15pm	01.00 pm - 02.00 pm	02.00 pm - 03.00 pm	03.15 pm - 04.15 pm
1	912018114002	AZHAGUMANIKANDAN A	AMA	And	ANH	AX	ANA.	ANDA
2	912018114003	BALAMURUGAN R	R. Bolony	R. bals	R. Bolow	R.Bakron	P. Balard	Resour
3	912018114004	BHARATH M	Blax	Chart	Brown	ekola	Blow	Bla
4	912018114005	DINESH MAPPILLAI DURAI SV	Donsy	DWCN	DMSV	JMGV	DMSU	DMSV
5	912018114007	GUNA K	Trucks	Que-	Owle	Gulz	Quels	Buch
6	912018114008	HARIHARAN G	tosto	4000	HODE	· 1000	300H	1
7	912018114009	INDHIRA KUMAR G	W	w	-W	m	m	· ·
8	912018114010	JAYSHANKAR YADAV	Jyas	Typh	Lyde	Type	Typel	Type
9	912018114011	KARTHIK PRASANNA G	Rost	Koods	Mond	- Kass	KON	How
10	912018114012	MANI PRABHU K	nehr	Mole	Noale	MANE	Nand	Mark
11	912018114013	MANOJ S	Nary	non.	mons	mon	non	men
12	912018114014	MOHAN R	mohan	noho	mohos	morals	noto	moke
13	912018114015	MUNIYASAMY B	CM	MD	m-)	md	m	m
14	912018114016	MUTHUKUMAR M	Mr	ME	Me	M	NK	me
15	912018114017	MUTHU KUMAR M	not In	moth	mon	my	Mount	moth
16	912018114019	MUTHURAJA V	o muth	rafi	v. muti	or mater	v. mich	250th
17	912018114020	PRAVEEN KUMAR K	Brakow	previous	pursan	o vois	bonoa	merce
18	912018114021	PREM K	Dex.	Tas	Des	Tolk	Slave	1 hos
19	912018114022	SANTHANA SELVAM V	cont	scut	dant	sent	sent	San
20	912018114025	SETHUMADHAVAN B	SUB	Sal	SINE	Suk	- Cha R	Stul
21	912018114026	SIVASANKAR P	Sive	sine	CIVEL	Civi	enc	Cur
22	912018114027	VARUN CHAKKARAVARTHI T	Tubour	Than	Tuaen	Tuen	Tuen	T. Warn
23	912018114028	VASANTH N	voad	rupad	Regard	perent	resoft	reso
24	91201811430	MANIKANDAN S	mais	man	man	man	nas	Nan
2:	912018114302	RAVICHANDRAN R	Paras	Pally	Bely	120,44	BIM	1201
20	912018114303	3 SANJAY M	Lylogon	Dugger	Seyer	Somer	Ling. m	Langer M
2	7 912018114304	4 SIVARAJ J	sive	Rèllo	2110	s sino	sile	Sic
2	91201811470	KABILAN K	Kabi	Falsi	falsi	feb	falsi	Sabi
2	91201811470	LANKESHWARAN B	tougo	Court	Carris	jeanes	conto	con
3	91201811470	VENKATESH K	LAND	Mary	MAN	1,000	LOW	Sums

Lunch Break

Curse coordinator

12:15 pm to 01:00pm

HOD/MECH



Department of Mechanical Engineering

Student Attendance Sheet

Academic Year

: 2019-2020

Cource Code

VACME1920FC

Course Name

: Free Cad

Duration of hours

: 35

Period of Course

: 04.12.2019 to 09.12.2019

	Attenda	nce Sheet			Date	09.	12.20	19
I. lo	Register Number	Student Name	09.00 am - 10.00 am	10.00 am - 11.00 am		01.00 pm - 02.00 pm	02.00 pm - 03.00 pm	03.15 pm - 04.15 pm
1	912018114002	AZHAGUMANIKANDAN A	AUKA	Amer	Auth	ALMEA	Aug	AWA
2	912018114003	BALAMURUGAN R	REday	R. Beter	RBoles (2 Balery	Riston	Rages
-3	912018114004	BHARATH M	B. hosto	Bhar	Bhas	Play	& have	ada
4	912018114005	DINESH MAPPILLAI DURAI SV	DMSV	mes	Amsu	Drugh	DMCU	DMSU
5	912018114007	guna K	Greek.	Cupe.	Coule.	Que.	Cours	Gue
6	912018114008	HARIHARAN G	HOH	7000	Haru	Haze	Has	107
7	912018114009	INDHIRA KUMAR G	Im	m	m	m	w	w
8	912018114010	JAYSHANKAR YADAV	Tyde	Tyde	Toda	Tyder.	Type .	Byod
9	912018114011	KARTHIK PRASANNA G	HEAN	Kar	Kasel	Kore	- Island	J. M
10	912018114012	MANI PRABHU K	Nesse	Malz	Marile	Mayila	Mars	nub
11	912018114013	MANOJ S	nu	N.	No	Ne	New	dis
12	912018114014	MOHAN R	moha	enton	akon	nohe	dam	dan
13	912018114015	MUNIYASAMY B	MM-J	MO	mod	my	mo	m
14	912018114016	MUTHUKUMAR M	Mr	me	Me	mh	Mer	MK
15	912018114017	MUTHU KUMAR M	nigh	with	moth	moth	Low	notes.
16	912018114019	MUTHURAJA V	v mith	J. Muly	vandar ongs	V. muth	V may	J'undy
17	912018114020	PRAVEEN KUMAR K	DKNO	Barosa	sower	many	Ethor	prival
18	91201811402	PREM K	Mar	UNY	17/2	1100	570ph	AN-
19	912018114022	SANTHANA SELVAM V	sout	say	cent.	sant -	sart	San
20	91201811402	SETHUMADHAVAN B	SMB	Syne	Sup.	Surte	Style	emp
2	912018114020	SIVASANKAR P	Rive	Gitt	Sello	Sil	300	Sel
22	91201811402	VARUN CHAKKARAVARTHI T	Tibou	Then	Tuom	Tuon	Juan	500
2:	01201811402	8 VASANTH N	1 By CA	racust	1 asort	mand	agent.	las
2	91201811430	1 MANIKANDAN S	man	mais	man	Mal	NO	2 10
2	91201811430	2 RAVICHANDRAN R	0-11.0	Palla	Round	120.110	Blu	DNA
2	91201811430	3 SANJAY M	Caup v	0	0 0	Santy, n	Burgan	Sugar, N
2	7 91201811430	4 SIVARAJ J	S20100		علنع	طلاح و	2011	-41
2	91201811470	I KABILAN K	Fabi	Prahi	Poli	Pobi	Sale	Kabi
2	9 91201811470	2 LANKESHWARAN B	Certy/	Course	Cours	Lairy	laury	Cours
. 3	0 91201811470	3 VENKATESH K	ins	IA	Vac SD	ve 1	val	1 rost

Tea Break

FN- 11:00 am to 11:15am & AN-03:00 pm to 03:15 pm

Lunch Break

Course coordinator

12:15 pm to 01:00pm

M. Planethour

PRINCIPAL



Digitally signed by R RAJA Date: 2024.06.26 18:13:34 +05'30'

Enrollment Student Name List

Department of Mechanical Engineering

Student Registration Sheet

Academic Year : 2019-2020

Cource Code : VACME1920FC

Course Name

: Free Cad

Duration of hours

: 35

Period of Course

: 04.12.2019 to 09.12.2019

CI		Students List	Signature
SI. No	Register Number	Student Name	Signature
1		AZHAGUMANIKANDAN A	AThaqumanilanda
2		BALAMURUGAN R	0.5
3		BHARATH M	R. Bola murugan
4	THE DESIRECTE PROPERTY OF STREET, SIZE	DINESH MAPPILLAI DURAI	Diren repulled Duris
5	912018114003	av.	
6		HARIHARAN G	Glung. /c
7		INDHIRA KUMAR G	HARIHARANOT
8		JAYSHANKAR YADAV	Thomas uno
9		KARTHIK PRASANNA G	Jayashan Har godan
10		MANI PRABHU K	MARTHIN PRASANINA
11	912018114012		wani prappark
12	912018114013		1 (O O O O O O O O O O O O O O O O O O
13		MUNIYASAMY B	WOHANK
13		MUTHUKUMAR M	M. Muthukurar
15		MUTHU KUMAR M	
16		MUTHURAJA V	V. Mutha Raja
17		PRAVEEN KUMAR K	Drawachuman
18	912018114020		a consistence
19		SANTHANA SELVAM V	Atunt
20		SETHUMADHAVAN B	Southorescher
			Dethunod haron, [
21	912018114026	SIVASANKAR P VARUN	T. Varun Chrokvararthi
23	912018114027	GULLULDALLADALLA	1 610 11
23		MANIKANDAN S	ryanth.
25		RAVICHANDRAN R	MANIKANDAN R
26	912018114302		Portchardranil
27	912018114303		M. Sanjay
28	912018114701		SIVERENT
29		LANKESHWARAN B	1 rabilen
		VENKATESH K	Canomous
30	912018114/03	VENKATESHK	vanhooteshic

Course coordinator

HOD/MECH

MODEL CERTIFICATES



Approved by AICTE & Affiated to Anna University, Chennai.

Arasanoor, Thirumansolai Post, Sivagangai – Madurai Highway, Tamilnadu – 630 561

Value added course on Free CAD

Organized by

DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

Mr. M. Radhakrishnan

R RAJA
Date: 2024.06.26
18:11:55 +05'30'

Dr.R. Rajo



Approved by AICTE & Affiated to Anna University, Chennai.

Arasanoor, Thirumansolai Post, Sivagangai – Madurai Highway, Tamilnadu – 630 561

Value added course on Free CAD

Organized by

DEPARTMENT OF MECHANICAL ENGINEERING

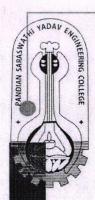
CERTIFICATE

This is to Certify that Mr/Ms. R. Bala Murugan. of 11/1115cm/mech has actively participated in the value-added course on **Free CAD** organized by the Department of Mechanical Engineering From 04.12.2019 to 09.12.2019 (35 Hours) at Pandian Saraswathi Yadav Engineering College, Sivagangai.

Mr. M. Radhakrishnan

Digitally signed by R RAJA Date: 2024.06.26 18:12:08 +05'30'

Dr.R. Raja Principal



Approved by AICTE & Affiated to Anna University, Chennai.

Arasanoor, Thirumansolai Post, Sivagangai – Madurai Highway, Tamilnadu – 630 561

Value added course on Free CAD

Organized by

DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

Mr. M. Radhakrishnan

Digitally signed by R RAJA Date: 2024.06.26 18:12:19 +05'30'

Dr.R. Raja Principal