

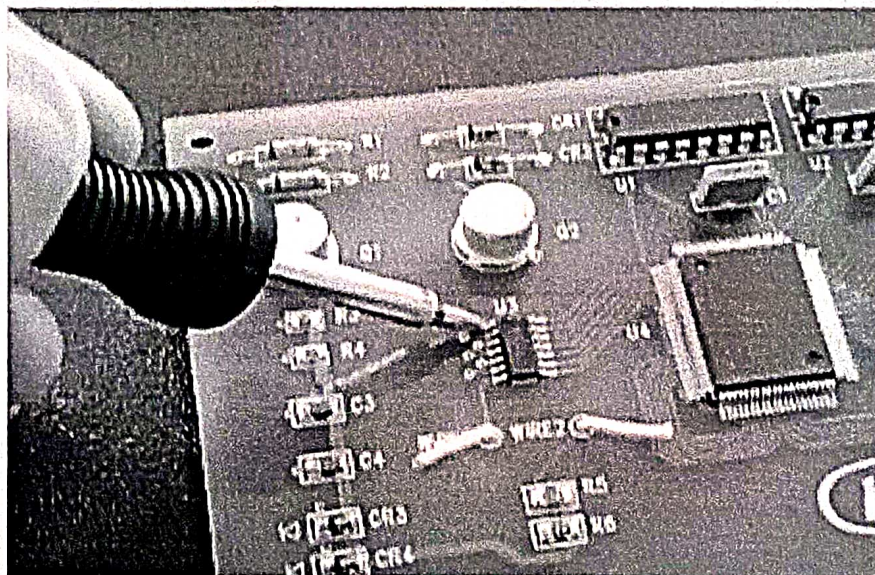


Department of Electrical and Electronics Engineering

VALUE ADDED PROGRAMME – 2022-23

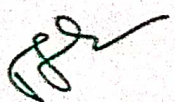
on

“PCB DESIGN AND FABRICATION ”



"PCB DESIGN AND FABRICATION"

Academic Year	2022 - 2023
Year of Study	II year
Course Code (if any)	-
Duration (Dates)	From: 10.10.2022 To: 14.10.2022
Duration (Total Days, Total Hours)	5 Days, 30 Hours
No. of Students Registered	30
No. of Students Attended	30
Venue	Offline
Name of the Co-ordinators	Dr.R.Manikandan, AP/EEE
Resource Person	Ms.R.Manjupriya,AP/EEE Ms.A.K.Sowmya,AP/EEE


HOD / EEE


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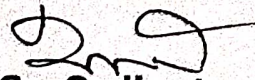
Dr. A. SELVARAJ, M.E., Ph.D., MISTE.,
PRINCIPAL
Dhirajlal Gandhi College of Technology
Sikkanampatty, Salem - 636 309:

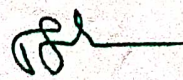
Course Content and Topics

1. Introduction of PCB Design and Fabrication
2. Study of PCB Design and Fabrication process
3. Introduction of PCB software used in manufacturing
4. Design of PCB software used in electrical design
5. 2D and 3D CAD tools, with enhanced insights, AI-automations, and collaboration features.

Course Outcome

1. Explain the do you need PCB?
2. Explain the flow of the complete PCB design?
3. Explain how do you plan routing and what are the parameters you consider while routing?
4. In Design what are the design techniques you may require?
5. Identify present and future areas of applications for PCBs

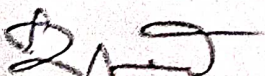

Co-Ordinator


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Dhirajlal Gandhi College of Technology
Sikkanampatty, Salem - 636 309.

Student (Participant) Name List

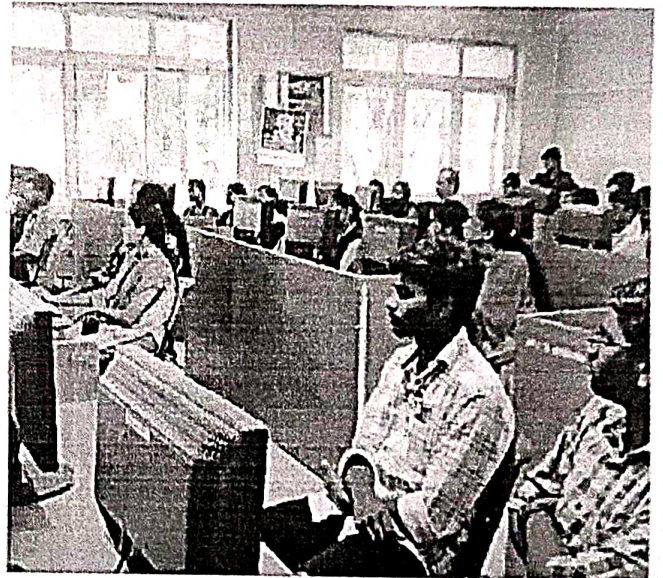
S.No.	Register No.	Name of the Student
1	610521105001	Abinaya M
2	610521105002	Achchaya P
3	610521105003	Aishwarya B M
4	610521105005	Arul Mozhi G
5	610521105006	Aswanth S
6	610521105007	Chandru N
7	610521105008	Dharani B
8	610521105009	Iniya V
9	610521105010	Kabilan C
10	610521105011	Kalaivanan P
11	610521105013	Krishna Prasath R
12	610521105014	Nandhini K R
13	610521105015	Ragul B
14	610521105016	Santhosh R
15	610521105017	Shanmugapriya V
16	610521105018	Surendhar M
17	610521105020	Udaya M
18	610521105021	Vijayaragavan R
19	610521105022	Vinoth M
20	610521105301	Aridas K
21	610521105302	Boopathy Raja A
22	610521105303	Devendhiran R
23	610521105304	Kaviyarasu K
24	610521105305	Mahendiran M
25	610521105306	Nantha Devi S
26	610521105307	Padmanaban T
27	610521105308	Praveen Kumar S
28	610521105309	Praveen Kumar S
29	610521105310	Vigdeesh T
30	610521105311	Yathav E

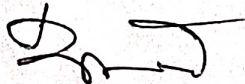

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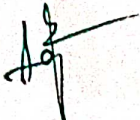

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PRINCIPAL
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Sikkampatty, Salem - 636 309.

Photos

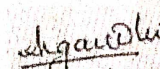
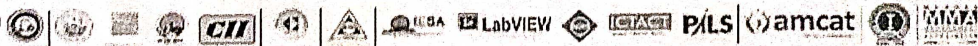



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PRINCIPAL
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Sample Scanned Certificate

			
	VALUE ADDED PROGRAMME organized by Department of Electrical and Electronics Engineering Academic year 2023-2024 (ODD Semester)		
DHIRAJLAL GANDHI COLLEGE OF TECHNOLOGY	CERTIFICATE		
Salem - 636 309.	Certified that Mr./Ms. <u>CHANDRU N.</u> II Year Department of Electrical and Electronics Engineering has successfully completed the Value Added Programme on PCB DESIGN AND FABRICATION.		
	From: <u>10-10-2022</u> To <u>14-10-2022</u>, (Five Days)		
www.dgct.ac.in	 Dr. P. Selvakumar Head / Department of EEE	 Dr. A. Selvakani Principal	 Smt. Aradhana Manojkumar Secretary
Professional Bodies: 			



DHIRAJLAL GANDHI COLLEGE OF TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING

VALUE ADDED PROGRAM - ATTENDANCE SHEET

VAP Course Name : PCB DESIGN AND FABRICATION

Duration : From: 10.10.2022 To: 14.10.2022

Venue : Offline Mode

S.No.	Register No.	Name of the Student	10.10.2022	11.10.2022	12.10.2022	13.10.2022	14.10.2022
1	610521105001	Abinaya M	/	/	/	/	/
2	610521105002	Achchaya P	/	/	/	/	/
3	610521105003	Aishwarya B M	/	/	/	/	/
4	610521105005	Arul Mozhi G	/	/	/	/	/
5	610521105006	Aswanth S	/	/	/	/	/
6	610521105007	Chandru N	/	/	/	/	/
7	610521105008	Dharani B	/	/	/	/	/
8	610521105009	Iniya V	/	/	/	/	/
9	610521105010	Kabilan C	/	/	/	/	/
10	610521105011	Kalaiivanan P	/	/	/	/	/
11	610521105013	Krishna Prasath R	/	/	/	/	/
12	610521105014	Nandhini K R	/	/	/	/	/
13	610521105015	Ragul B	/	/	/	/	/
14	610521105016	Santhosh R	/	/	/	/	/
15	610521105017	Shanmugapriya V	/	/	/	/	/
16	610521105018	Surendhar M	/	/	/	/	/
17	610521105020	Udaya M	/	/	/	/	/
18	610521105021	Vijayaragavan R	/	/	/	/	/
19	610521105022	Vinoth M	/	/	/	/	/
20	610521105301	Aridas K	/	/	/	/	/
21	610521105302	Boopathy Raja A	/	/	/	/	/
22	610521105303	Devendhiran R	/	/	/	/	/
23	610521105304	Kaviyarasu K	/	/	/	/	/
24	610521105305	Mahendiran M	/	/	/	/	/

25	610521105306	Nantha Devi S	/	/	/	/	/
26	610521105307	Padmanaban T	/	/	/	/	/
27	610521105308	Praveen Kumar S	/	/	/	/	/
28	610521105309	Praveen Kumar S	/	/	/	/	/
29	610521105310	Vigdeesh T	/	/	/	/	/
30	610521105311	Yathav E	/	/	/	/	/


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PRINCIPAL
Dhirajlal Gandhi College of Technology
Sikkanampatty, Salem - 636 309.

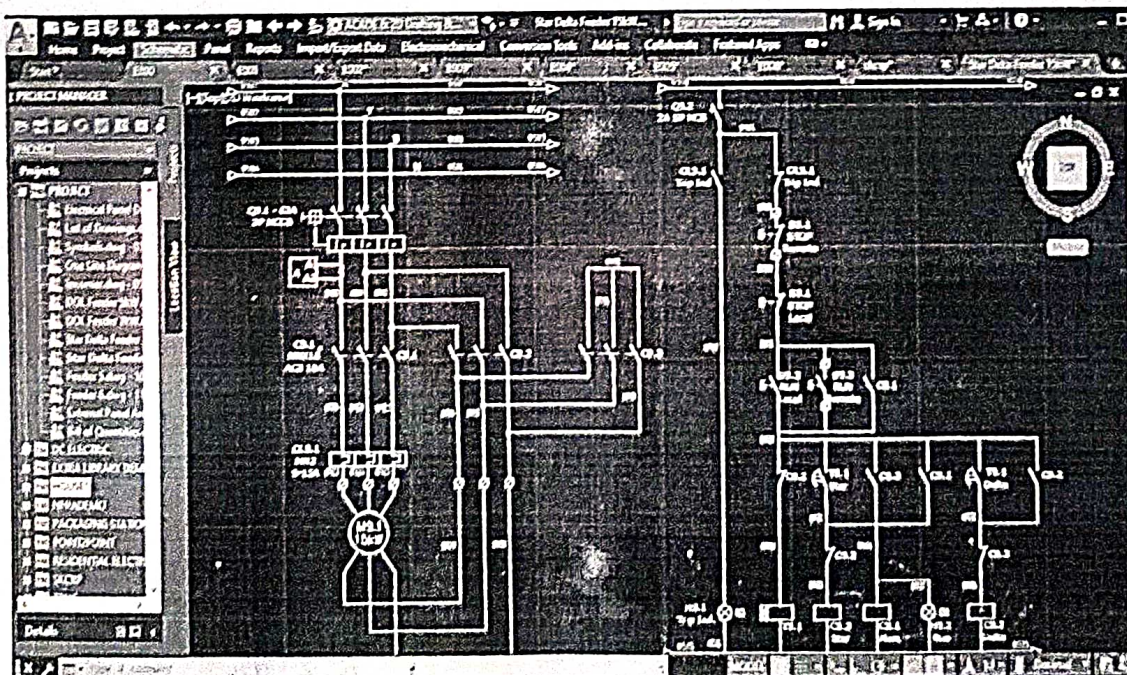


Department of Electrical and Electronics Engineering

VALUE ADDED PROGRAMME – 2022-23

on

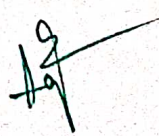
“ELECTRICAL CAD DESIGN ”



"ELECTRICAL CAD DESIGN "

Academic Year	2022 - 2023
Year of Study	III year
Course Code (if any)	-
Duration (Dates)	From: 06.02.2023 To: 10.02.2023
Duration (Total Days, Total Hours)	5 Days, 30 Hours
No. of Students Registered	30
No. of Students Attended	30
Venue	Offline
Name of the Co-ordinators	Dr.R.Manikandan, AP/EEE
Resource Person	Dr.R.Manikandan, AP/EEE


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**Dr. A. SELVARAJ, M.E., Ph.D., MISTE.,
PRINCIPAL**

**Dhirajlal Gandhi College of Technology
10, G. Annapatti Salem - 636 309.**

Course Content and Topics

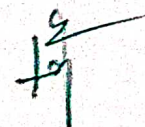
1. Introduction of Electrical Design and their schematics
2. Study of differences between wiring and electrical schematic drawings
3. Introduction of CAD software used in electrical design
4. Design of CAD software used in electrical design
5. 2D and 3D CAD tools, with enhanced insights, AI-automations, and collaboration features.

Course Outcome

1. Explain the circuit diagram, wiring diagram, wiring schedule & block diagram?
2. Explain the fundamentals of list in the Electrical Templates?
3. Explain Scooting, Connectors and Terminals in AutoCAD Electrical?
4. In Design how to insert Terminals from Catalog Browser?
5. Identify present and future areas of applications for CADs


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PRINCIPAL
Dhirajlal Gandhi College of Technology
Sikkanampatty, Salem - 636 309.

Student (Participant) Name List

S.No.	Register No.	Name of the Student
1	610520105001	Amthya.T
2	610520105002	Arakumar.R
3	610520105009	Dharani.P
4	610520105010	Dharun.P
5	610520105011	Ditya.K
6	610520105017	Jeevitha.R
7	610520105019	Randasamy.S
8	610520105025	Nandhini.S
9	610520105026	Naveen.S
10	610520105027	Obu krithika.K.S
11	610520105028	Padma Priya
12	610520105029	Parkavi.R
13	610520105030	Pradhip.V
14	610520105031	Praveen.K
15	610520105033	Ragul.S
16	610520105035	Rajeswari.R
17	610520105036	Ranjithkumar.M
18	610520105037	Sakthivel.K
19	610520105042	Sobitha.S
20	610520105043	Sounder.B
21	610520105046	Sukavaneshwar.S.R
22	610520105047	Sureka.R
23	610520105050	Thangamani.S
24	610520105051	Vasanth Raj.C
25	610520105052	Yashini.M
26	610520105053	Yasotheeran.K
27	610520105305	Ramaleshwaran.C
28	610520105308	Neehavanan.M
29	610520105315	Thamarivasan.S
30	610520105316	Thangadurai.R

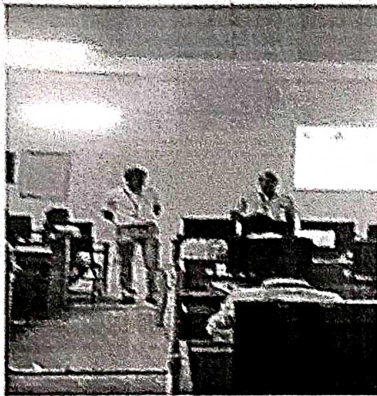

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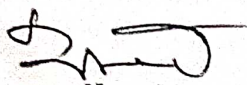

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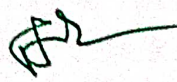

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PRINCIPAL
Dhirajlal Gandhi College of Technology
Sikkanampatty, Salem - 636 309.

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PRINCIPAL
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Sikkanampatty, Salem - 636 309.

Sample Scanned Certificate



**DHIRAJLAL
GANDHI COLLEGE
OF TECHNOLOGY**

Salem - 636 309.



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VALUE ADDED PROGRAMME

organized by
Department of Electrical and Electronics Engineering
Academic year 2023-2024 (ODD Semester)

CERTIFICATE

Certified that Mr./Ms. DIVYA K III Year Department of Electrical and Electronics Engineering has successfully completed the Value Added Programme on ELECTRICAL CAD DESIGN.

From : 06-02-2023 To 10-02-2023. (Five Days)

Dr. P. Selvakumar
Head / Department of EEE

Dr. A. Selvaraj
Principal

Smt. Archana Manojkumar
Secretary

Professional
Bodies :





DHIRAJLAL GANDHI COLLEGE OF TECHNOLOGY

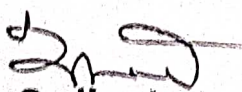
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED PROGRAM - ATTENDANCE SHEET

VAP Course Name : **ELECTRICAL CAD DESIGN**
Duration : **From: 06.02.2023 To: 10.02.2023**
Venue : **Offline Mode**

S.No.	Register No.	Name of the Student	06.02.2023	07.02.2023	08.02.2023	09.02.2023	10.02.2023
1	610520105001	Aarthy.T	/	/	/	/	/
2	610520105002	Arikumar.R	/	/	/	/	/
3	610520105009	Dharani.P	/	/	/	/	/
4	610520105010	Dharun.P	/	/	/	/	/
5	610520105011	Divya.K	/	/	/	/	/
6	610520105017	Jeevitha.R	/	/	/	/	/
7	610520105019	Kandasamy.S	/	/	/	/	/
8	610520105025	Nandhini.S	/	/	/	/	/
9	610520105026	Naveen.S	/	/	/	/	/
10	610520105027	Obu krithika.K.S	/	/	/	/	/
11	610520105028	Padma Priya	/	/	/	/	/
12	610520105029	Parkavi.R	/	/	/	/	/
13	610520105030	Pradhip.V	/	/	/	/	/
14	610520105031	Praveen.K	/	/	/	/	/
15	610520105033	Ragul.S	/	/	/	/	/
16	610520105035	Rajeswari.R	/	/	/	/	/
17	610520105036	Ranjithkumar.M	/	/	/	/	/
18	610520105037	Sakthivel.K	/	/	/	/	/
19	610520105042	Sobitha.S	/	/	/	/	/
20	610520105043	Sounder.B	/	/	/	/	/
21	610520105046	Sukavaneshwar.S.K	/	/	/	/	/
22	610520105047	Sureka.R	/	/	/	/	/
23	610520105050	Thangamani.S	/	/	/	/	/
24	610520105051	Vasanth Raj.G	/	/	/	/	/

25	610520105052	Yaszhini.M	/	/	/	/	/
26	610520105053	Yasotharan.K	/	/	/	/	/
27	610520105305	Kamaleshwaran.C	/	/	/	/	/
28	610520105308	Neelavanan.M	/	/	/	/	/
29	610520105315	Thamarivasan.S	/	/	/	/	/
30	610520105316	Thangadurai.R	/	/	/	/	/


Co-Ordinator


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PRINCIPAL
Dhirajlal Gandhi College of Technology
Sikkanampatty, Salem - 636 309.