

From
Dr. G.Mohanbabu,
Professor & Head,
Department of Electrical and Electronics Engineering,
SSM Institute of Engineering and Technology,
Dindigul-02

To
The Principal,
SSM Institute of Engineering and Technology,
Dindigul-02

Respected Sir,
Sub: Requesting Approval of conducting Technological Teaching for IV Year EEE Students-Reg

The Department of EEE has planned to conduct Technological Teaching for final year students on "AutoCAD Electrical" which is scheduled to be conducted on the month of May 2022. In this regard, I request your permission to conduct this training on the scheduled month.

Name of the Technological Training	Name of the Company	Total Number of Students	No of Hours	Date	Amount	Coordinator / Faculty in Charges
AutoCAD Electrical	Spot Light Technology Dindigul	36	60	12.05.22 to 25.05.22	Rs.2000 / Student (Including GST)	Mr.B.Marisekar,A.P/EEE

Resource Person Details:

A. STEPHEN GASPAR

Trainer

SPOTLIGHT TECHNOLOGY

Dindigul

Thanking you.

M.G.M
Yours faithfully,
S.S.K
(Dr.G.Mohanbabu)
Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)
Principal
SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindalagundu (Po),
Palani Road, Dindigul - 624 002.





SSM Institute of Engineering and Technology

Sindalagundu post, Dindigul -624 002, Tamilnadu, pH: 0451-2448800
(Approved by AICTE, Affiliated to Anna University, Chennai Accredited by NAAC)

Department of Electrical and Electronics Engineering

Organizes

Ten days technology training program on

"Auto CAD Electrical"

For the IV year students of EEE

From (12.05.2022 to 25.05.2022)

Trained by

Spotlight Technologies Private Limited, Dindigul

Co-ordinator

Mr.B.Marisekar,AP/EEE

HoD

Dr.C.Mohanbabu

Principal

Dr.D.Senthil Kumaran

All are invited



Dr. D. SENTHIL KUMARAN, M.E., Ph.D., (NUS)

SSM Institute of Engineering and Technology
Eudataupatti Village Sindalagundu (Po),
Palani Road, Dindigul - 624 002.

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY



Sindalagundu post, Dindigul-624002, Tamilnadu. Ph:0451-2448800.

Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

Accredited by NAAC

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CIRCULAR

07.05.2022 (Saturday)

This is to inform that technology training program on “AutoCAD Electrical” is going to be conducted by Spot Light Technology - Dindigul for IV year EEE students. Henceforth interested students are informed to register their name to Mr.B.Marisekar, AP/EEE.

Course Details:

Course Duration : 12.05.2022 (Thursday) to 25.05.2022 (Wednesday)

Total Days : 10 Days

Hours / Day : 06 Hours

Total Hours : 60 Hours

Faculty Incharge
07/05/22

Murugan
HoD/EEE

Principal
Dr.D.SENTHIL KUMARAN, M.E., P.ED., /h/o/
Principal
SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindalagundu (Po),
Palani Road, Dindigul - 624 002.



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sindalagundu post, Dindigul-624002, Tamilnadu.Ph:0451-2448900

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

TECHNOLOGICAL TRAINING ON "AUTOCAD ELECTRICAL"

IV Year EEE Students Willingness List

S.No.	Reg.no.	Student Name	Willing / Not Willing	Signature
1	922118105001	AFRIN S	Willing	S. AY.
2	922118105002	ALAQUFA	Willing	A. Aqyl
3	922118105003	ARAVINTH M	Willing	M. Aravinty
4	922118105004	ARUN KUMAR P	Willing	P. Arunkumar
5	922118105005	ASMITHA B	Willing	B. Asmita
6	922118105006	BALAKUMARAN A S	Willing	A.S. Balakumaran
7	922118105007	DHANALAKSHMI MP	Willing	M.P. Dhanya
8	922118105008	GEETHANJALI S	Willing	Gethanjali
9	922118105009	GOPI C	Willing	C. Gopi
0	922118105010	GOWRI M	willing	M. Gowri
1	922118105011	GUNASEELAN A	Willing	A. Gunaseelan
2	922118105012	KANAKKU PICHAI S	Willing	S. Kanakkupichai
3	922118105013	KESAVAN K	Willing	K. Kesavan
4	922118105014	MONESH P	Willing	P. Monesh
5	922118105015	NAGAMUTHUPANDI A	Willing	A. Nagamuthupandi
6	922118105016	NIYAZ AHAMED K	Willing	K. Niyaz Ahamed
7	922118105017	PADMANABHAN D	Willing	D. Padmanabhan
8	922118105018	POOJA R	Willing	P. Pooya
9	922118105020	PRAVEEN K	Willing	Praveen
10	922118105021	RAJ KUMAR K	Willing	R. Raj Kumar
11	922118105022	RAM KUMAR P	Willing	R. Ram Kumar
12	922118105023	SABAPATHIS	Willing	S. Sabapathy
13	922118105024	SABARIVASAN T	Willing	T. Sabarivasan
14	922118105026	SHANKAR GANESH G	Willing	G. Shankar Ganesh



Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (ECE)

Principal

SSM Institute of Engineering and Technology

Kuttathupatti Village, Sindalagundu (P.O.),

Palani Road, Dindigul 624002.

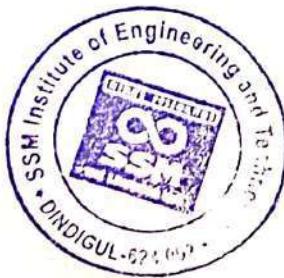
S. No.	Reg.no.	Student Name	Willing / Not Willing	Signature
25	922118105027	STERLIN INFANT DASS W	Willing	<i>sterlin</i>
26	922118105029	SURYAJ	willing	<i>Surya</i>
27	922118105030	THANUJ K	willing	<i>thanuj</i>
28	922118105031	THAVA HARISH P	willing	<i>Thava</i>
29	922118105033	VIGNESHWARAN K	WILLING	<i>K.Vigneshwaran</i>
30	922118105034	VISWAKSHENAN J	Willing.	<i>J.Viswakshenan</i>
31	922118105301	GOPALAKRISHNAN L	willing	<i>L.Gopalkrishnan</i>
32	922118105302	KARTHICK S	willing	<i>S.Karthick</i>
33	922118105303	MARIA LEO ARUN A	willing	<i>Arun</i>
34	922118105305	MUKESH B	Willing	<i>Mukesh</i>
35	922118105306	NAVANEETHA PANDIAN P	WILLING	<i>P.Naveetha</i>
36	922118105307	PRAVINKANTH K	willing	<i>K.Pravinkanth</i>

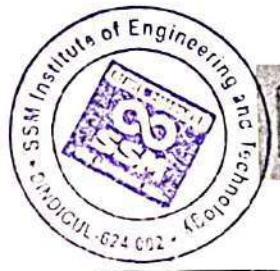
D.Senthil Kumar
Faculty Incharge

Murugan
HoD/EEE

D.Senthil Kumar
Principal

Dr.D.SENTHIL KUMARAN, M.E, Ph.D, *Principal*
SSM Institute of Engineering and Technology
Kuttathupatti Village, Sivagangai Dist.,
Palani Road, Dindigul - 624 002.





SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sindalagundu post, Dindigul-624002, Tamilnadu.Ph:0451-2448800

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

TECHNOLOGICAL TRAINING ON "AUTOCAD ELECTRICAL"

ATTENDANCE SHEET

1

1

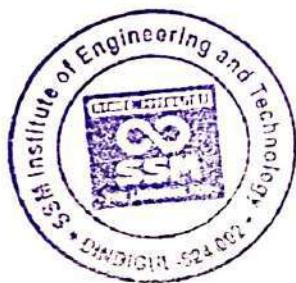
D.I.D. SEMIARL AUMARAN, M.E., PH.D., AUS
PENGARUH

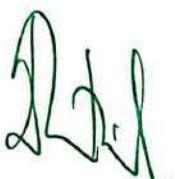
Principal
SSM Institute of Engineering and Technology
Kuttathupatti Village, Sivdhalagundu (Po),
Pellai Road, Distt. Coimbatore - 641 003.

S. No.	Reg.no.	Student Name	12.05.22		13.05.22		16.05.22		17.05.22		18.05.22		19.05.22		20.05.22		23.05.22		24.05.22		25.05.22	
			FN	AN																		
18	922118105018	POOJA R																				
19	922118105020	PRAVEEN K																				
20	922118105021	RAJ KUMAR K																				
21	922118105022	KAM KUMAR P																				
22	922118105023	SABAPATHIS																				
23	922118105024	SABARIVASANT																				
24	922118105026	SHANKAR GANESH G																				
25	922118105027	STERLIN INFANT DASS W																				
26	922118105029	SURYAJ																				
27	922118105030	THIANUJ K																				
28	922118105031	THJAVA HARISH P																				
29	922118105033	VIGNESHWARAN K																				
30	922118105034	VISWAKSHENAN J																				
31	922118105301	GOPALAKRISHNAN L																				
32	922118105302	KARTHICK S																				
33	922118105303	MARIA LEO ARUNA A																				
34	922118105205	MUKESH B																				
35	922118105306	NAVANEETHA PANDIAN																				
36	922118105307	PRAVINKANTH K																				

AutoCAD Electrical Day wise Breakup Total Duration: 10 Days Training

Session	Topics
Session 1	<ul style="list-style-type: none"> • Introduction <ul style="list-style-type: none"> ◦ AutoCAD Electrical ◦ GUI • Project <ul style="list-style-type: none"> ◦ Introduction to Project Manager
Session 2	<ul style="list-style-type: none"> • Create a Library Symbol • Symbol Builder • Circuit Builder <ul style="list-style-type: none"> ◦ Inserting a One-line Motor Circuit ◦ Inserting a Dual One-line Power Feed Circuit • Copy circuitry • Save circuit to icon menu
Session 3	<ul style="list-style-type: none"> • Component Tools
Session 4	<ul style="list-style-type: none"> • Component Attribute Tools • Wires
Session 5	<ul style="list-style-type: none"> • Signal Arrows <ul style="list-style-type: none"> ◦ Source arrow ◦ Destination arrow • Ladder tools • Wire numbers <ul style="list-style-type: none"> ◦ Automatic wire numbers ◦ Wire tagging ◦ PLC I/O wire numbers • Wire Number Edit
Session 6	<ul style="list-style-type: none"> • PLC <ul style="list-style-type: none"> ◦ Generate PLC Layout Modules ◦ PLC parametric selection
Session 7	<ul style="list-style-type: none"> • Point to Point Wiring Tools <ul style="list-style-type: none"> ◦ Introduction to Connector Diagrams ◦ Inserting Connectors ◦ Editing & Modifying Connectors

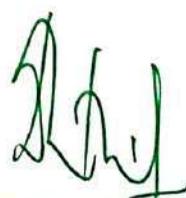



 Dr. D. SENTHIL KUMARAN, M.E., Ph.D., [NUS]
 Principal
 SSM Institute of Engineering and Technology
 Kuttathupatti Village, Sindalagundu (Po),
 Palani Road, Dindigul - 624 002.

AutoCAD Electrical Day wise Breakup Total Duration: 10 Days Training

- o Link components by dashed lines
- Conversion tool
 - o Convert text
 - o Convert block
 - o Convert wires
 - o Convert arrows
 - o Special Explode
- Panel Layout
 - o Foot Prints
 - o Footprints from Schematic list
 - o Footprints from icon menu
 - o Din rails
 - o Balloons
 - o Wire Annotations
 - o Create Assembly
 - o Editing & Modifying Footprints
 - o Creating Own Footprint
- Terminals
 - o Placing a Terminal
 - o Terminal Editor
- Audit
 - o Missing Catalog
 - o Electrical Audit
 - o Signal Error/ List
 - o Drawing Audit
- Generate Reports
 - o Types of schematic reports
 - o Generate a schematic report
 - o Types of panel reports
 - o Generate a panel report
 - o Run automatic reports
 - o Automatic report generation
- Import/Export
 - o To Spreadsheet
 - o From Spreadsheet
- Project

Session 10



Dr.D.SENTHIL KUMARAN, M.E., Ph.D.,(NUS)
Principal

SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindalagundu (Po),
Palani Road, Dindigul - 624 002.



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC)
Dindigul – Palani Highway, Dindigul 624 002



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Value added Course Summary (2021-2022)

Course Name : AutoCAD Electrical
Course Duration : 60 Hours
Year offered : IV year students -2021-2022
Course Instructors : Mr. B. Marisekar
Assistant professor /EEE

Course Outcome: The student able to apply the tools and technique of AutoCAD and able to program and control.

Course Type : Self Framed / Collaboration with Industry

Assessment Mode

Attendance : 60 Hours
Number of participants : 36
Scheme of Exam : MCQ offline



A handwritten signature in black ink.

Course Coordinator

A handwritten signature in black ink.

HoD



Dr.D.SENTHIL KUMARAN, M.E., P.ED., (NUS)
Principal
SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindalagundu (Po),
Palani Road, Dindigul - 624 002

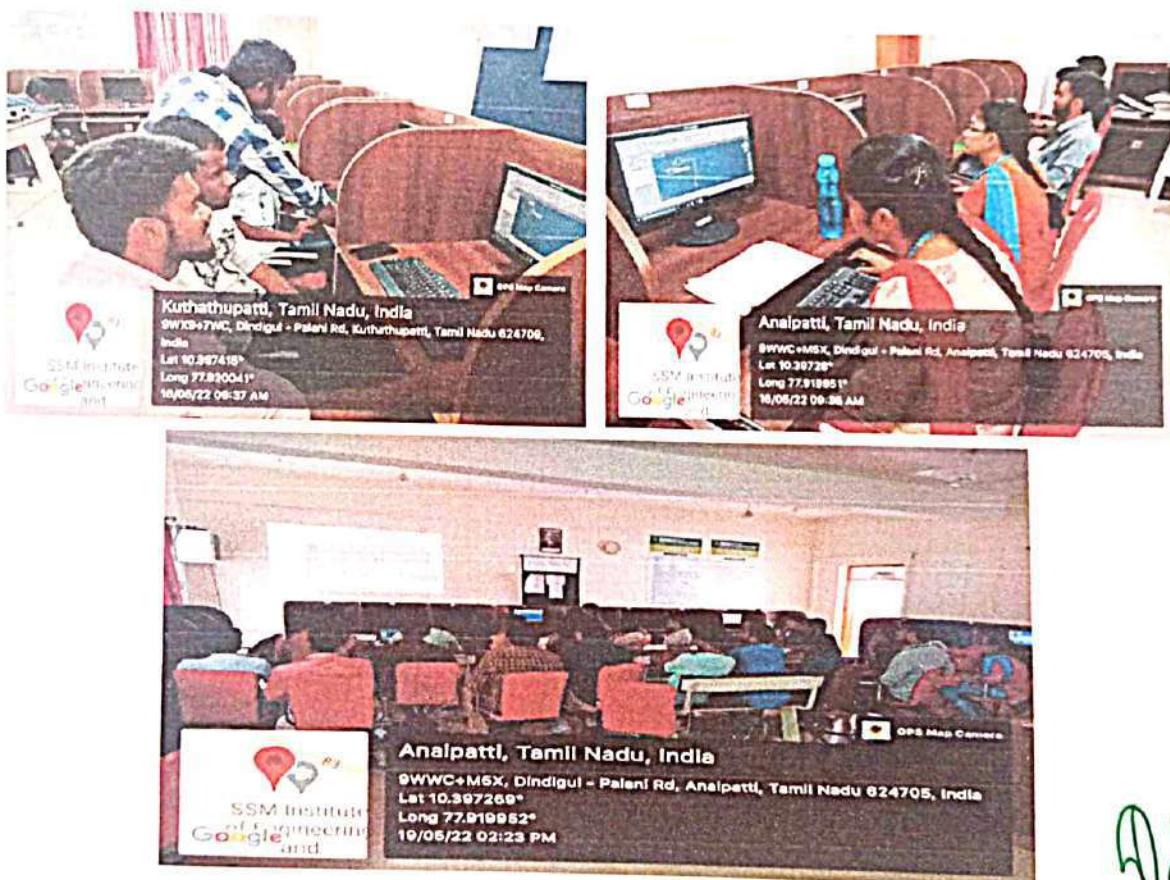


SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

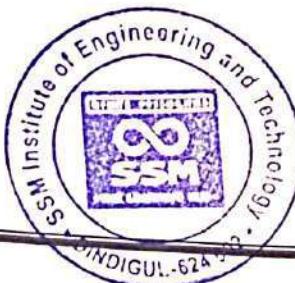
Sindalagundu post, Dindigul-624 002, Tamilnadu. Ph: 0451-2448800
(Approved by AICTE, Affiliated to Anna University, Chennai Accredited by NAAC)

Summary Report

The department of Electrical and Electronics Engineering, SSM Institute of Engineering and Technology conducted **Technology training on AutoCAD Electrical** from 12th May 2022 to 25th May 2022. The course covered topics including Electrical Symbols, Wiring Diagram, and Single Line Diagram, Component Tools, Panel Wiring, Signal Arrows, Ladder Tools, PLC, Audit, Report generation, imports and exports. Students have attended assessment tests at the end of the course and certificates were issued. The students from final year EEE attended the course and got benefitted.



Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)
Principal
SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindalagundu (P.O),
Palani Road, Dindigul - 624 002.





SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sindalagundu post, Dindigul-624002, Tamilnadu. Ph:0451-2448800

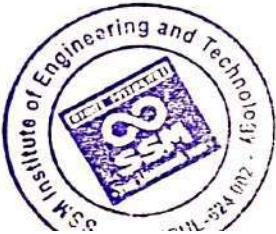
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

TECHNOLOGY TRAINING ON AUTOCAD ELECTRICAL MARK SHEET

S.NO	REG.NO	STUDENT NAME	MARK
1	9221118105001	AFRIN .S	18
2	9221118105002	ALAOUF. A	8
3	9221118105003	ARAVINTH.M	12
4	9221118105004	ARUN KUMAR.P	11
5	9221118105005	ASHMITHA B	17
6	9221118105006	BALA KUMARAN .A.S	11
7	9221118105007	DHANALAKSHMI M P	18
8	9221118105008	GEETHANJALI .S	18
9	9221118105009	GOPI .C	11
10	9221118105010	GOWRI M	17
11	9221118105011	GUNASEELAN.A	11
12	9221118105012	KANAKKU PITCHAI S	5
13	9221118105013	KESAVAN K	17
14	9221118105014	MONISH D	12
15	9221118105015	NAGAMUTHUPANDI .A	11
16	9221118105016	NIYAZ AHAMED. K	12
17	9221118105017	PADMANABHAN. D	14
18	9221118105018	POOJA.R	17
19	9221118105020	PRAVEEN K	13
20	9221118105021	RAJ KUMAR. P	12
21	9221118105022	RAM KUMAR P	17
22	9221118105023	SABAPATHI	11
23	9221118105024	SARARIVASAN .T	14
24	9221118105026	SHANKAR GANESH.C	6
25	9221118105027	STERLIN INFANT DASS W	13
26	9221118105029	SURYA J	14
27	9221118105030	THANUJ .K	5
28	9221118105031	THAVA HARISH. P	17
29	9221118105033	VIGNESHWARAN. K	13
30	9221118105034	VISWAKSHENAN.J	11
31	9221118105031	GOPALA KRISHNAN.L	6
32	9221118105032	KARTHICK S	12
33	9221118105033	MARIA LEO ARLIN .A	10
34	9221118105035	MUKESH B	13
35	9221118105036	NAVANEETHA PANDIAN .P	13
36	9221118105037	PRAVINKANTH. K	13

FACULTY IN-CHARGE

HOD/EEE



Dr. D. SENTHIL KUMARAN, M.E., Ph.D., (NUS)
 Principal
 SSM Institute of Engineering and Technology
 Kuttaibupatti Village, Sindalagundu (Po),
 Palani Road, Dindigul - 624 002.

R. Pooja .

17



AUTOCAD ELECTRICAL

OBJECTIVE TYPE QUESTIONS

MARKS: 20

NOTE: SCORE ATLEAST 10 TO QUALIFY

✓ 1. WHAT IS THE COMMAND FOR POLYGON?

1. POL 2. PL 3. PO 4. P

✓ 2. WHAT ARE THE PROPERTIES AVAILABLE IN AUTOCAD? PLEASE SPECIFY.

1. 5 2. 4 3. 1 4. 3

✓ 3. WHICH TYPE OF ARRAY USED TO INCREASE THE NUMBER OF OBJECTS?

1. RECTANGULAR ARRAY 2. PATH ARRAY 3. POLAR ARRAY

✓ 4. HOW DO WE MENTION WIRE NUMBER FORMAT IN DRAWING PROPERTIES?

1. %F%N 2. %N 3. %N%F 4. %F

✓ 5. WHAT ARE THE STANDARDS USED IN ICON MENU.

1. JIC 2. NFPA 3. IEC 4. IEEE 5. ALL OF ABOVE

✓ 6. WHAT IS THE NAME OF COMMAND USED TO MOVE THE COMPONENT INLINE WIRES?

1. MOVE 2. ALIGN 3. SCOOT 4. REVERSE/FLIP

✓ 7. WHICH DRAWING FORMAT IS USED TO SAVE AUTOCAD ELECTRICAL DRAWINGS?

1. DWT 2. DWS 3. DWG 4. DXF 5. ALL OF ABOVE

✓ 8. Ladder COMMAND IS USED TO CREATE WIRE NUMBER BY LINE
REFERENCE.

Dr. D. SENTHIL KUMARAN, M.E., Ph.D., (EUS)
Principal
SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindalagundu (Po),
Palani Road, Dindigul - 624 002.



OPTION WE CAN APPLY LOOKUP FOR THE
 ✓ 9. BY USING Catalog browser ⁱⁿ COMPONENTS.

✓ 10. WHAT IS THE DIFFERENCE BETWEEN WIRE & MULTIPLE BUS.
 (OR) Insert a row with autom. connection with wire or multiple bus

✓ 11. WRITE THE PROCEDURE OF BLOCK.

Insert of multiple bus with automatic connection

✓ 12. HOW DO YOU ADD SYMBOLS IN ICON MENU.

to draw the symbol,

Add the symbol, block the symbol.

✓ 13. HOW MANY MARKERS AVAILABLE IN ECAD?

TWO Markers available in ECAD

✓ 14. WHAT IS BOM?

Bill of Materials.

✓ 15. WHAT IS LADDER?

To specify the parts name with a

✓ 16. NAME ANY 5 ELECTRICAL AUDIT ERRORS.

component - no catalog , pin exception, wire exception , duplicate , component connec

✓ 17. WHAT IS THE USE OF DRAWING AUDIT?

Evaluating integrity of the diagram to correct some errors .

✓ 18. WHAT IS CLEAN SCREEN MODE IN AUTOCAD?

Ctrl + D

✓ 19. HOW MANY WORKSPACES AVAILABLE IN AUTOCAD ELECTRICAL?

a-cad

a-e-cad .

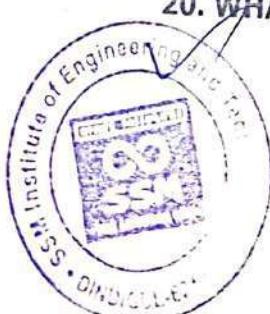
✓ 20. WHAT ARE THE OPTIONS AVAILABLE IN LENGTHEN COMMAND?

Delta .

dynamic .

Total

Percent .



AUTOCAD ELECTRICAL

OBJECTIVE TYPE QUESTIONS

MARKS: 20

NOTE: SCORE ATLEAST 10 TO QUALIFY

✓ 1. WHAT IS THE COMMAND FOR POLYGON?

1. POL 2.PL 3.PO 4.P

✓ 2. WHAT ARE THE PROPERTIES AVAILABLE IN AUTOCAD? PLEASE SPECIFY.

1. 5 2. 4 3. 1 ✓ 4. 3

✓ 3. WHICH TYPE OF ARRAY USED TO INCREASE THE NUMBER OF OBJECTS?

- ✓ 1.RECTANGULAR ARRAY 2. PATH ARRAY 3. POLAR ARRAY

✓ 4. HOW DO WE MENTION WIRE NUMBER FORMAT IN DRAWING PROPERTIES?

1. %F%N ✓ 2. %N 3. %N%F 4. %F

✓ 5. WHAT ARE THE STANDARDS USED IN ICON MENU.

1. JIC 2. NFPA 3. IEC 4. IEEE ✓ 5. ALL OF ABOVE

✓ 6. WHAT IS THE NAME OF COMMAND USED TO MOVE THE COMPONENT INLINE WIRES?

1. MOVE 2.ALIGN ✓ 3.SCOOT 4. REVERSE/FLIP

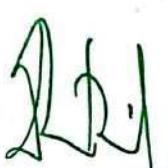
✓ 7. WHICH DRAWING FORMAT IS USED TO SAVE AUTOCAD ELECTRICAL DRAWINGS?

1. DWT 2.DWS 3.DWG 4.DXF ✓ 5. ALL OF ABOVE

✓ 8. Ladder COMMAND IS USED TO CREATE WIRE NUMBER BY LINE REFERENCE.



Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)
Principal
SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindalagundu (Po),
Palani Road, Dindigul - 624 002.



BY USING COMPONENTS.

OPTION WE CAN APPLY LOOKUP FOR THE Catalogue Browser

10. WHAT IS THE DIFFERENCE BETWEEN WIRE & MULTIPLE BUS.

(OR) Insert a row with automatic connection with wiregab or loop.

11. WRITE THE PROCEDURE OF BLOCK.

Insert of multiple of wires with automatic connection.

12. HOW DO YOU ADD SYMBOLS IN ICON MENU.

Draw the symbol, Block the symbol, Add it.

13. HOW MANY MARKERS AVAILABLE IN ECAD?

TWO markers.

14. WHAT IS BOM?

Bill of materials.

15. WHAT IS LADDER?

Ladder is comes under properties. It is used

Increase or decreasing the spacing vertically or horizontally.

16. NAME ANY 5 ELECTRICAL AUDIT ERRORS.

Component - no catalog, pin exception, wire exception, component, duplicate, component connection.

17. WHAT IS THE USE OF DRAWING AUDIT?

Evaluating the Integrity of diagram
Correct some error.

18. WHAT IS CLEAN SCREEN MODE IN AUTOCAD?

control + 0

19. HOW MANY WORKSPACES AVAILABLE IN AUTOCAD ELECTRICAL?

AutoCAD, ?

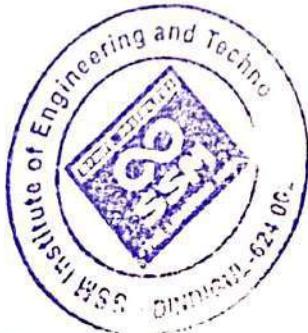
20. WHAT ARE THE OPTIONS AVAILABLE IN LENGTHEN COMMAND?

Delta

Dynamic

Total

Percent



Dr.D.SENTHIL KUMARAN M.E.,F.I.B.E.
Principal
SSM Institute of Engineering and Technology
Kuttathupatti Village Sindhalagundu P.O.,
Palani Road, Dindigul - 624 002.

17

AUTOCAD ELECTRICAL**OBJECTIVE TYPE QUESTIONS****MARKS: 20****NOTE: SCORE ATLEAST 10 TO QUALIFY****✓ 1. WHAT IS THE COMMAND FOR POLYGON?**

1. POL 2. PL 3. PO 4. P

✓ 2. WHAT ARE THE PROPERTIES AVAILABLE IN AUTOCAD? PLEASE SPECIFY.

1. 5 2. 4 3. 1 4. 3

✓ 3. WHICH TYPE OF ARRAY USED TO INCREASE THE NUMBER OF OBJECTS?

1. RECTANGULAR ARRAY 2. PATH ARRAY 3. POLAR ARRAY

✓ 4. HOW DO WE MENTION WIRE NUMBER FORMAT IN DRAWING PROPERTIES?

1. %F%N 2. %N 3. %N%F 4. %F

✓ 5. WHAT ARE THE STANDARDS USED IN ICON MENU.

1. JIC 2. NFPA 3. IEC 4. IEEE

 5. ALL OF ABOVE**✓ 6. WHAT IS THE NAME OF COMMAND USED TO MOVE THE COMPONENT INLINE WIRES?**

1. MOVE 2. ALIGN 3. SCOOT 4. REVERSE/FLIP

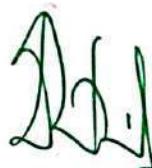
✓ 7. WHICH DRAWING FORMAT IS USED TO SAVE AUTOCAD ELECTRICAL DRAWINGS?

1. DWT 2. DWS 3. DWG 4. DXF 5. ALL OF ABOVE

8. Ladder
ladder l REFERENCE.

COMMAND IS USED TO CREATE WIRE NUMBER BY LINE REFERENCE.

Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)
Principal
SSM Institute of Engineering and Technology
Luttathupatti Village, Sindalagundu (P.O),
Palani Road, Dindigul - 624 002.



✓ 9. BY USING Catalog Breaker OPTION WE CAN APPLY LOOKUP FOR THE MULTIPLE BUS \Rightarrow Insert

✓ 10. WHAT IS THE DIFFERENCE BETWEEN WIRE & MULTIPLE BUS.
(OR)

Insert a wire with auto connector with wire gap loop. \rightarrow WIRE

11. WRITE THE PROCEDURE OF BLOCK.

✓ 12. HOW DO YOU ADD SYMBOLS IN ICON MENU.
Draw an Obj - Select it - click symbol builder name it - select an icon menu wizard and name it

13. HOW MANY MARKERS AVAILABLE IN ECAD?

Obj -

2

✓ 14. WHAT IS BOM?
Bill of Material.

✓ 15. WHAT IS LADDER?
Ladder Command is used to create wire number by line reference.

✓ 16. NAME ANY 5 ELECTRICAL AUDIT ERRORS.

Component - no - catalog & pin exception, component exception & component of duplication, component

✓ 17. WHAT IS THE USE OF DRAWING AUDIT?

Used to know the error in wire drive and in respond it

✓ 18. WHAT IS CLEAN SCREEN MODE IN AUTOCAD?

Ctrl + O Command used for clear

or full screen

✓ 19. HOW MANY WORKSPACES AVAILABLE IN AUTOCAD ELECTRICAL?

2 - CAD

2 - ECAD

✓ 20. WHAT ARE THE OPTIONS AVAILABLE IN LENGTHEN COMMAND?

Delta

Dynamic

Rotational

Percent



Dr.D.SENTHIL KUMARAN, M.E, M.B.A
Principal
SSM Institute of Engineering and Technology
Kuttathupatti Village, Sodaiyampatti,
Palani Road, Dindigul-624102

AUTOCAD ELECTRICAL**OBJECTIVE TYPE QUESTIONS****MARKS: 20****NOTE: SCORE ATLEAST 10 TO QUALIFY****1. WHAT IS THE COMMAND FOR POLYGON?**

1. POL 2. PL 3. PO 4. P

2. WHAT ARE THE PROPERTIES AVAILABLE IN AUTOCAD? PLEASE SPECIFY.

1. 5 2. 4 3. 1 4. 3

3. WHICH TYPE OF ARRAY USED TO INCREASE THE NUMBER OF OBJECTS?

1. RECTANGULAR ARRAY 2. PATH ARRAY 3. POLAR ARRAY

4. HOW DO WE MENTION WIRE NUMBER FORMAT IN DRAWING PROPERTIES?

1. %F%N 2. %N 3. %N%F 4. %F

5. WHAT ARE THE STANDARDS USED IN ICON MENU.

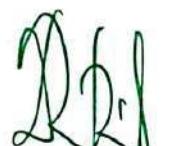
1. JIC 2. NFPA 3. IEC 4. IEEE 5. ALL OF ABOVE

6. WHAT IS THE NAME OF COMMAND USED TO MOVE THE COMPONENT INLINE WIRES?

1. MOVE 2. ALIGN 3. SCOOT 4. REVERSE/FLIP

7. WHICH DRAWING FORMAT IS USED TO SAVE AUTOCAD ELECTRICAL DRAWINGS?

1. DWT 2. DWS 3. DWG 4. DXF 5. ALL OF ABOVE

8. LN COMMAND IS USED TO CREATE WIRE NUMBER BY LINE REFERENCE.


Dr. D. SENTHIL KUMARAN, M.E., Ph.D., (NUS)
Principal

SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindalagundu (Po),
Palani Road, Dindigul - 624 002.



~~9. BY USING CATALOG BROWSER~~

BRIGHTEN YOUR CAREER
OPTION WE CAN APPLY LOOKUP FOR THE
multiple bus.
Insert
of wires with
wire.

~~10. WHAT IS THE DIFFERENCE BETWEEN WIRE & MULTIPLE BUS.
(OR)
11. WRITE THE PROCEDURE OF BLOCK.~~

Insert a wire
automatic
with wires.

~~12. HOW DO YOU ADD SYMBOLS IN ICON MENU.~~

~~13. HOW MANY MARKERS AVAILABLE IN ECAD?~~

~~14. WHAT IS BOM?
Bill of material.~~

~~15. WHAT IS LADDER?~~

Ladder is comes under drawing properties
used to increase (or) decreasing the spacing vertically.

~~16. NAME ANY 5 ELECTRICAL AUDIT ERRORS.~~

i, component - no catalog ii, pin exception
iii, wire exception , iv, component duplicate , v, component

~~17. WHAT IS THE USE OF DRAWING AUDIT?~~

Used to know the error in wire and reports then repair
and wire numbering in a report.

~~18. WHAT IS CLEAN SCREEN MODE IN AUTOCAD?~~

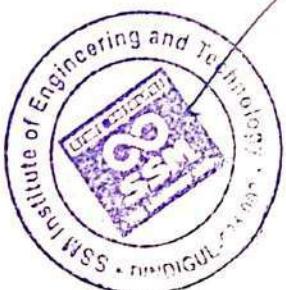
ctrl + 0

~~19. HOW MANY WORKSPACES AVAILABLE IN AUTOCAD ELECTRICAL?~~

Auto cad → 2 , Ecad → 2

~~20. WHAT ARE THE OPTIONS AVAILABLE IN LENGTHEN COMMAND?~~

Delta
dynamic
Total
Percent



Dr. D. SENTHIL KUMARAN, M.E., Ph.D, AIES
Principal
SSM Institute of Engineering and Technology
Kuttathupatti Village, Palani, Dindigul (T.N.)
Palani Road, Dindigul - 644 702

W Stellin Infant DWS

10yr - EEE

13



AUTOCAD ELECTRICAL

OBJECTIVE TYPE QUESTIONS

MARKS: 20

NOTE: SCORE ATLEAST 10 TO QUALIFY

1. WHAT IS THE COMMAND FOR POLYGON?

1. POL 2. PL 3. PO 4. P

2. WHAT ARE THE PROPERTIES AVAILABLE IN AUTOCAD? PLEASE SPECIFY.

1. 5 2. 4 3. 1 4. 3

3. WHICH TYPE OF ARRAY USED TO INCREASE THE NUMBER OF OBJECTS?

1. RECTANGULAR ARRAY 2. PATH ARRAY 3. POLAR ARRAY

4. HOW DO WE MENTION WIRE NUMBER FORMAT IN DRAWING PROPERTIES?

1. %F%N 2. %N 3. %N%F 4. %F

5. WHAT ARE THE STANDARDS USED IN ICON MENU.

1. JIC 2. NFPA 3. IEC 4. IEEE 5. ALL OF ABOVE

6. WHAT IS THE NAME OF COMMAND USED TO MOVE THE COMPONENT INLINE WIRES?

1. MOVE 2. ALIGN 3. SCOOT 4. REVERSE/FLIP

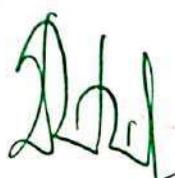
7. WHICH DRAWING FORMAT IS USED TO SAVE AUTOCAD ELECTRICAL DRAWINGS?

1. DWT 2. DWS 3. DWG 4. DXF 5. ALL OF ABOVE

8. _____ COMMAND IS USED TO CREATE WIRE NUMBER BY LINE
REFERENCE.



Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (HUS)
Principal
SSM Institute of Engineering and Technology
Kuttiathupatti Village, Sindalagundu (Po),
Palani Road, Dindigul - 624 002.



OPTION WE CAN APPLY LOOKUP FOR THE

9. BY USING Catalog browser COMPONENTS.

10. WHAT IS THE DIFFERENCE BETWEEN WIRE & MULTIPLE BUS.
(OR)

11. WRITE THE PROCEDURE OF BLOCK.

Press Ctrl+Shift+C, then Snap to insertion Po,
where you want to do block to be defined

12. HOW DO YOU ADD SYMBOLS IN ICON MENU.

13. HOW MANY MARKERS AVAILABLE IN ECAD?

2

14. WHAT IS BOM?

Bill of materials

15. WHAT IS LADDER?

16. NAME ANY 5 ELECTRICAL AUDIT ERRORS.

Compound Duplicate, compound no connection
pin exception, compound no catalog,
wire no connection.

17. WHAT IS THE USE OF DRAWING AUDIT?

Evaluating the integrity of the diagram
and correct some error.

18. WHAT IS CLEAN SCREEN MODE IN AUTOCAD?

If mostly minimise, most of the users interface is
the quick access toolbar

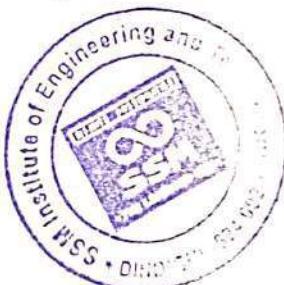
19. HOW MANY WORKSPACES AVAILABLE IN AUTOCAD ELECTRICAL?

CAD-2, E-CAD-2.

20. WHAT ARE THE OPTIONS AVAILABLE IN LENGTHEN COMMAND?

Stretching

Lengthening



Dr.D.SENTHIL KUMARAN, M.E., P.Eng, BUS
Principal
SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindhalagunru(Po),
Palani Road, Dindigul - 624 002.

26/1

Department of Electrical and Electronics Engineering**Technological Training feedback form**Training Details:

Training Name

: AutoCAD Electrical

Total Days

: 10 Days From 12.05.2022 (Thursday) to 25.05.2022 (Wednesday)

Hours / Day

: 06 Hours

Total Hours

: 60 Hours

Training Institute

: Spotlight Technology - Dindigul

Name of the Trainer

: Mr.A.Stephen Gaspar

Student Details:

Name of the Student

: S.Kartik

Register Number

: 922118105802

Year / Department

: IV-Year - EEE

E-mail id

: Sivakarthik 9181@gmail.com

Contact Number

: 9952657678

You are required to give your feedback on the following aspects. Please tick in the respective column.

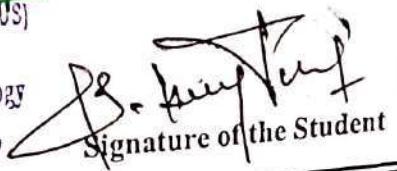
Particulars	Excellent (5)	Good (4)	Fair (3)	Satisfactory (2)	Poor (1)
Arrangements and facilities provided in the training	✓				
Hands on practices and materials provided in the training	✓				
Trainer preparedness and content delivered	✓				
Opportunity given to raise the questions for clarification and interaction with trainer		✓			
Knowledge and skills acquired from the training	✓				
Assessment provided and help received from the trainer	✓				
Overall quality of the training	✓				

*Please indicate the strength of training that have been most valuable to your overall learning experience**Way of Teaching is good.**Please indicate the characteristics of this training you feel are most important to improve**Everything is good.*

Other comments regarding this training

Dr.D.SENTHIL KUMARAN, M.E., Ph.D.,(HUS)

Principal

SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindalagundu(Po),
Palani Road, Dindigul - 624 002.
Signature of the Student



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sindalagundu post, Dindigul-624002, Tamilnadu. Ph:0451-2448800.

Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

Accredited by NAAC

Department of Electrical and Electronics Engineering

Technological Training feedback form

Training Details:

Training Name

: AutoCAD Electrical

Total Days

: 10 Days From 12.05.2022 (Thursday) to 25.05.2022 (Wednesday)

Hours / Day

: 06 Hours

Total Hours

: 60 Hours

Training Institute

: Spotlight Technology - Dindigul

Name of the Trainer

: Mr.A.Stephen Gaspar

Student Details:

Name of the Student

: SABARIVASAN.T

Register Number

: 922118105024

Year / Department

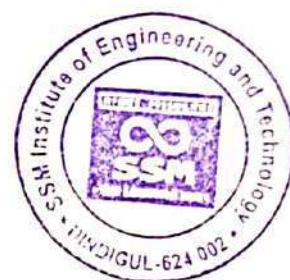
: IV IEEE

E-mail id

: Sabarivasan455@gmail.com

Contact Number

: 9095014843



You are required to give your feedback on the following aspects. Please tick in the respective column.

Particulars	Excellent (5)	Good (4)	Fair (3)	Satisfactory (2)	Poor (1)
Arrangements and facilities provided in the training		✓			
Hands on practices and materials provided in the training		✓			
Trainer preparedness and content delivered		✓			
Opportunity given to rise the questions for clarification and interaction with trainer	✓				
New knowledge and skills acquired from the training		✓			
Assessment provided and help received from the trainer		✓			
Overall quality of the training		✓			

Please indicate the strength of training that have been most valuable to your overall learning experience

Way of teaching is good

Please indicate the characteristics of this training you feel are most important to improve

Everything is fine

Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (Hons.)

Principal

SSM Institute of Engineering and Technology
Kuttiathupatti Village, Sindalagundi (P.S),
Palai Road, Dindigul - 624 002.

Department of Electrical and Electronics Engineering

Technological Training feedback form

Training Details:

Training Name

: AutoCAD Electrical

Total Days

: 10 Days From 12.05.2022 (Thursday) to 25.05.2022 (Wednesday)

Hours / Day

: 06 Hours

Total Hours

: 60 Hours

Training Institute

: Spotlight Technology - Dindigul

Name of the Trainer

: Mr.A.Stephen Gaspar

Student Details:

Name of the Student

: k.Prauth kantB

Register Number

: 92218105307

Year / Department

: IVth year EEE

Email id

: kantB Prauth 15@gmail.com

Contact Number

: 7502427299,



You are required to give your feedback on the following aspects. Please tick in the respective column.

Particulars	Excellent (5)	Good (4)	Fair (3)	Satisfactory (2)	Poor (1)
Arrangements and facilities provided in the training	✓				
Hands on practices and materials provided in the training	✓				
Trainer preparedness and content delivered		✓			
Opportunity given to raise the questions for clarification and interaction with trainer	✓				
Knowledge and skills acquired from the training		✓			
Assessment provided and help received from the trainer	✓				
Overall quality of the training	✓				

Please indicate the strength of training that have been most valuable to your overall learning experience

Way of teaching is good.

Please indicate the characteristics of this training you feel are most important to improve

Everything is good.

Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)

Principal

SSM Institute of Engineering and Technology

Kuttatupatti Village, Sindalagundu (P.O),

Palani Road, Dindigul - 624002.

Signature of the Student

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sindalagundu post, Dindigul-624002, Tamilnadu. Ph:0451-2448800.
Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

Accredited by NAAC

Department of Electrical and Electronics Engineering

Technological Training feedback form

Training Details:

Training Name	: AutoCAD Electrical
Total Days	: 10 Days From 12.05.2022 (Thursday) to 25.05.2022 (Wednesday)
Hours / Day	: 06 Hours
Total Hours	: 60 Hours
Training Institute	: Spotlight Technology - Dindigul

Name of the Trainer

: Mr.A.Stephen Gaspar

Student Details:

Name of the Student

: Rajkumar.k

Register Number

: Q22118105021

Year / Department

: BE - EEE - IV

Email Id

: Rajkumar70171@gmail.com

Contact Number

: 8056366134

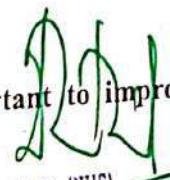


You are required to give your feedback on the following aspects. Please tick in the respective column.

Particulars	Excellent (5)	Good (4)	Fair (3)	Satisfactory (2)	Poor (1)
Arrangements and facilities provided in the training		✓			
Hands on practices and materials provided in the training		✓			
Trainer preparedness and content delivered		✓			
Opportunity given to raise the questions for clarification and interaction with trainer	✓				
Knowledge and skills acquired from the training		✓			
Assessment provided and help received from the trainer	✓				
Overall quality of the training	✓				

Please indicate the strength of training that have been most valuable to your overall learning experience

Way of teaching is good



Please indicate the characteristics of this training you feel are most important to improve

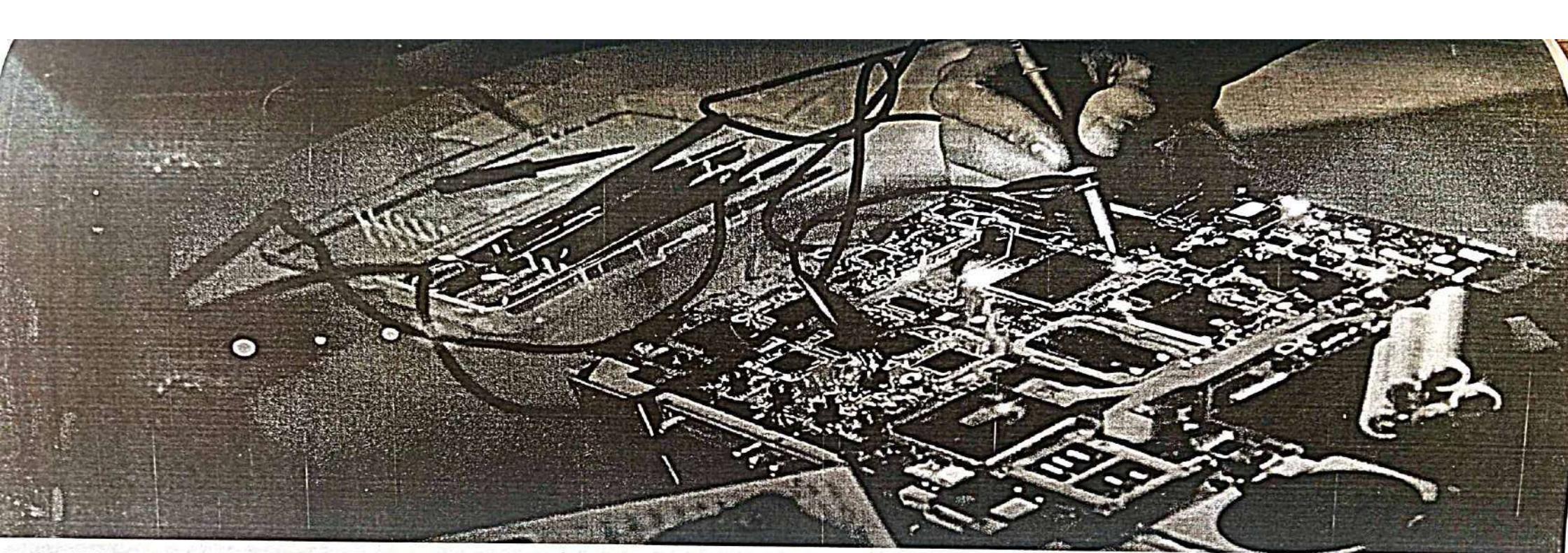
Dr.D.SENTHIL KUMARAN, M.E., Ph.D.,(NUS)

Principal

SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindalagundu(Po),
Palani Road, Dindigul - 624 002.

Rajkumar
Signature of the Student

Other comments regarding this training



Certificate of Completion

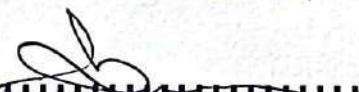
Congratulations

SPOTLIGHT TECHNOLOGY helps students /professionals to achieve
excellence in design using CAD/CAM/CAE products.



An ISO 9001 : 2015 Certified company

www.spotlighttechs.com



Centre Head

Name

SABARIVASAN T



Course Title

COURSE ON AUTOCAD ELECTRICAL - 60 HOURS

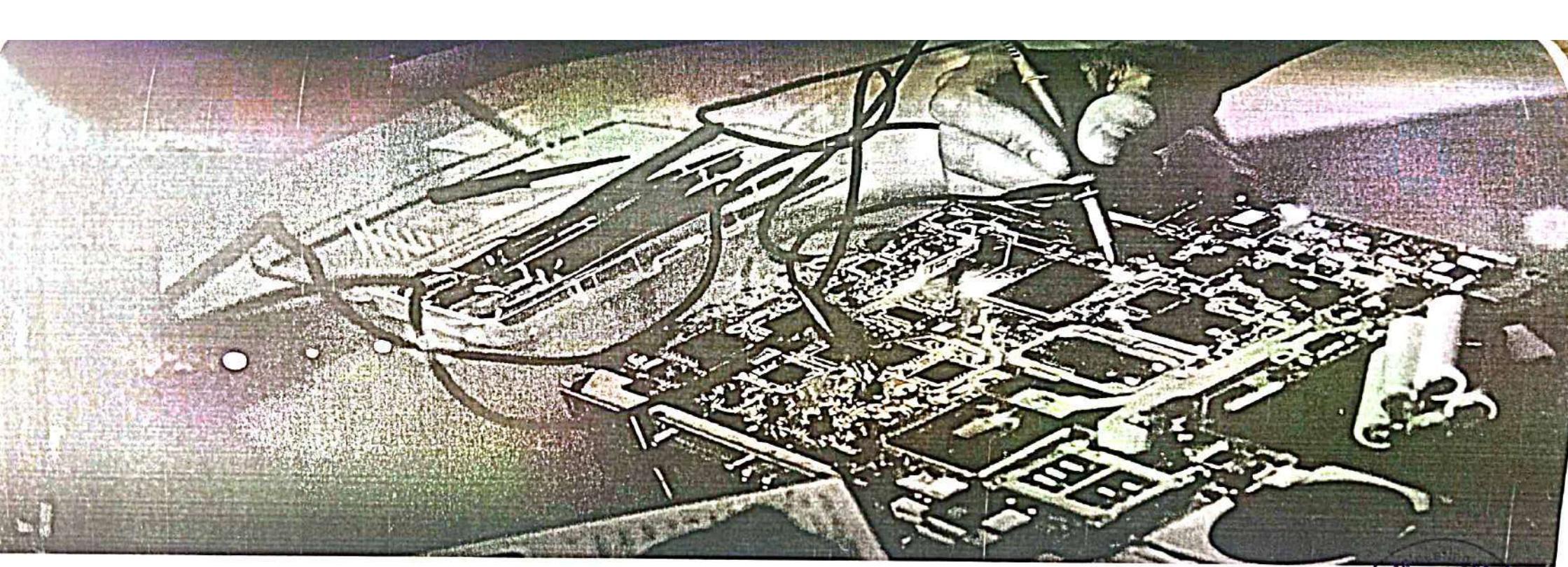

Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (EUS)

Principal

SSM Institute of Engineering and Technology
Kuttathupatti Village, Siddagudu (Po),
Palani Road, Dindigul - 624 002

Course Held at

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, Dindigul



Certificate of Completion

Congratulations

SPOTLIGHT TECHNOLOGY helps students /professionals to achieve
excellence in design using CAD/CAM/CAE products.



An ISO 9001 : 2015 Certified company

www.spotlighttechs.com


Centre Head

Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)
Principal
SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindhalagundu (P.O),
Palani Road, Dindigul - 624 002.

Name

RAJ KUMAR K

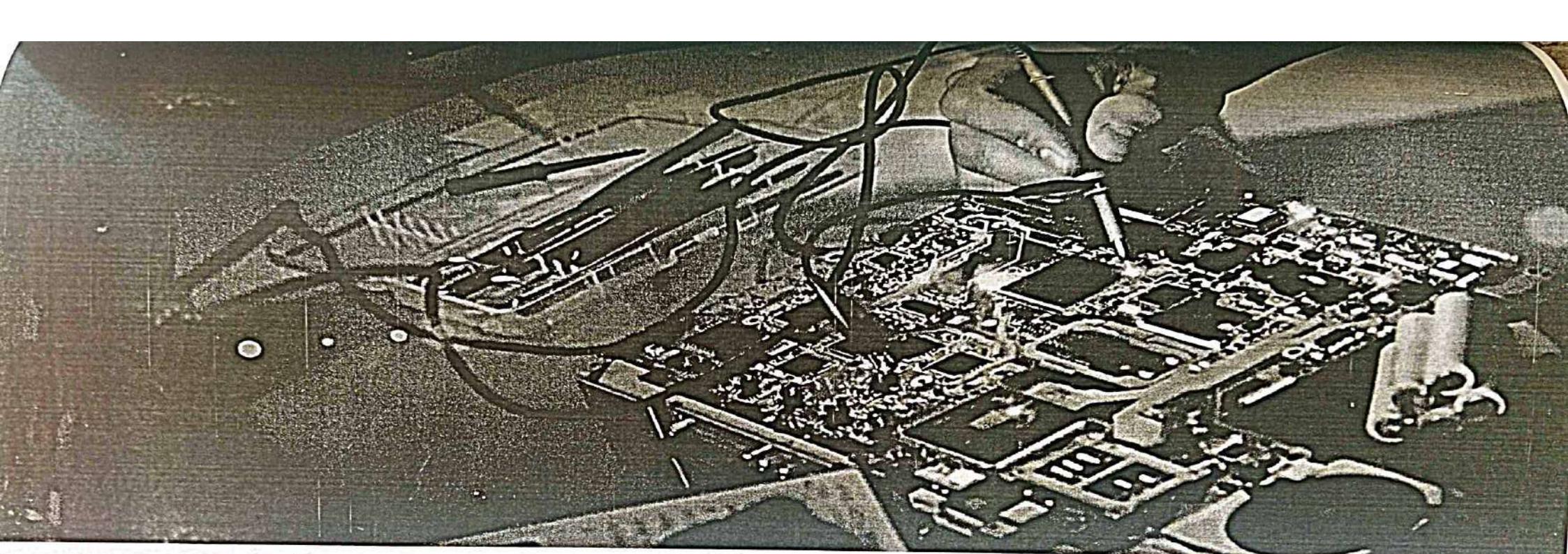


Course Title

COURSE ON AUTOCAD ELECTRICAL - 60 HOURS

Course Held at

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, Dindigul



Certificate of Completion

Congratulations

SPOTLIGHT TECHNOLOGY helps students /professionals to achieve
excellence in design using CAD/CAM/CAE products.



SPOTLIGHT
BRIGHTEN YOUR CAREER

An ISO 9001 : 2015 Certified company

www.spotlighttechs.com

Dr.D.SENTHIL KUMARAN, M.E., Ph.D., PGUSI

Principal

SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindalagundam,
Palani Road, Dindigul - 624 662.

Centre Head

Name

PADMANABHAN D

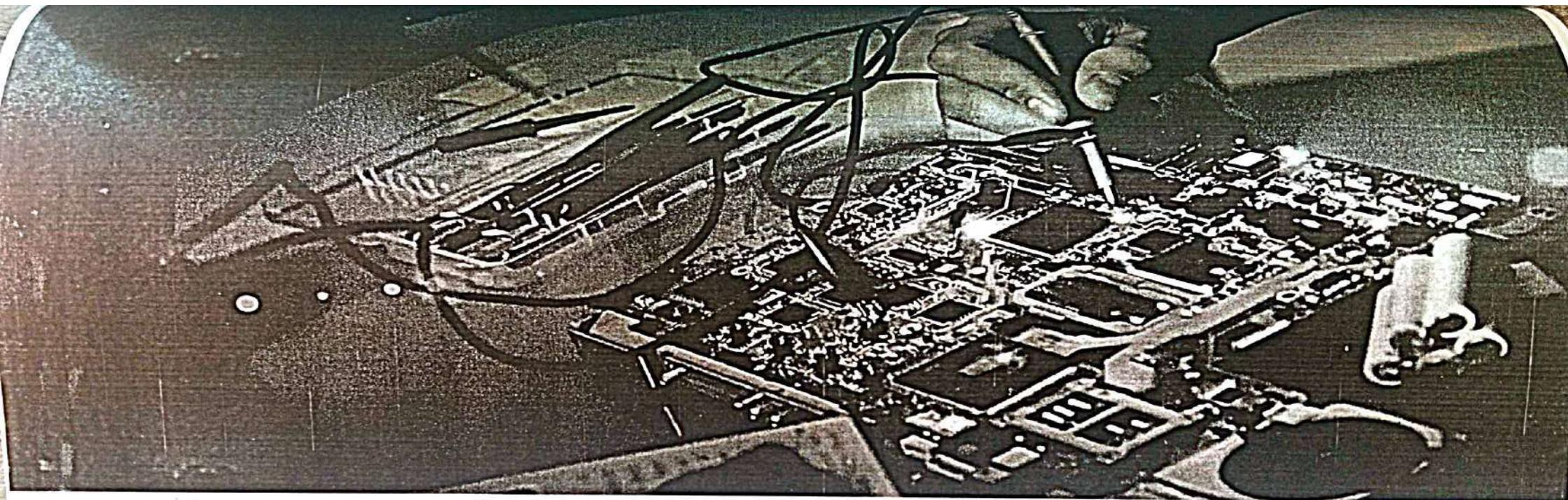


Course Title

COURSE ON AUTOCAD ELECTRICAL - 60 HOURS

Course Held at

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL



Certificate of Completion

Congratulations

SPOTLIGHT TECHNOLOGY helps students /professionals to achieve
excellence in design using CAD/CAM/CAE products.

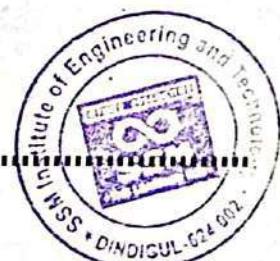


An ISO 9001 : 2015 Certified company

www.spotlighttechs.com

Name

NIYAZ AHAMED K



Course Title

COURSE ON AUTOCAD ELECTRICAL - 60 HOURS



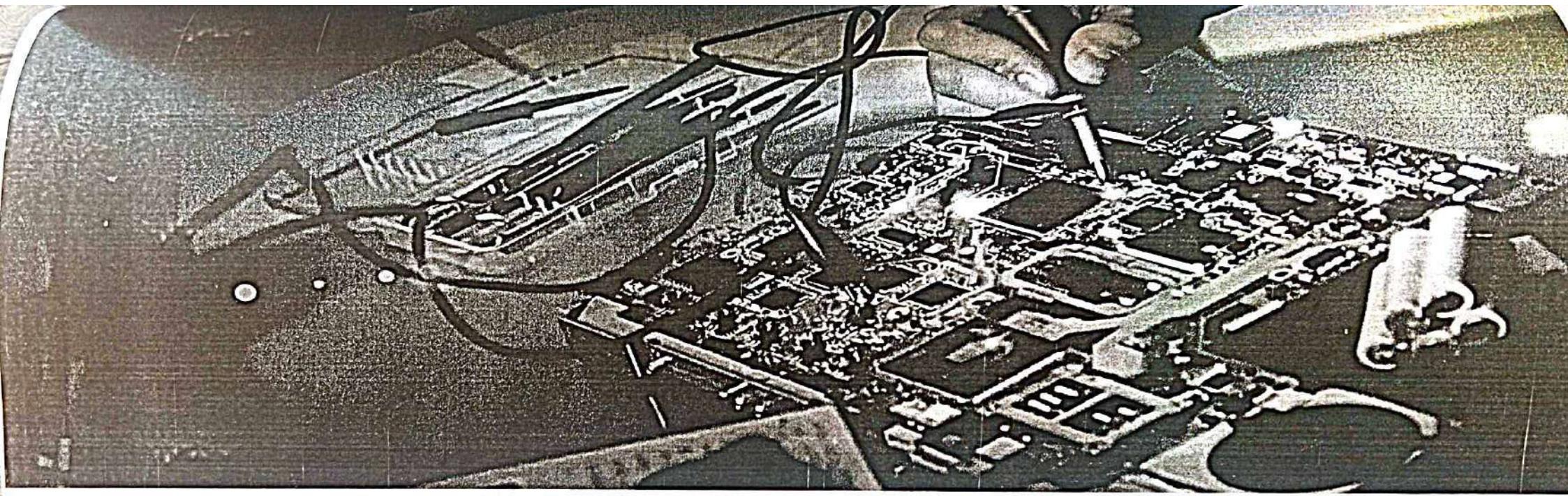
Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)
Principal

SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindalagundu (Po),
Palani Road, Dindigul - 624 002

.....
Centre Head

Course Held at

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, Dindigul



Certificate of Completion

Congratulations

SPOTLIGHT TECHNOLOGY helps students /professionals to achieve
excellence in design using CAD/CAM/CAE products.



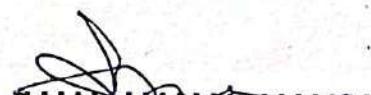
BRIGHTEN YOUR CAREER

An ISO 9001 : 2015 Certified company

www.spotlighttechs.com



Dr.D.SENTHIL KUMARAN, M.E., M.B.B.S.
Principal
SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindalagundu (Po),
Palani Road, Dindigul - 624 002.



Centre Head

Name

NAGAMUTHUPANDI A



Course Title

COURSE ON AUTOCAD ELECTRICAL - 60 HOURS

Course Held at

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, Dindigul