



## **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**

#### **Technology Training Programme on Industrial Automation**



**2021-22 (Even Semester) III Year EEE**

**(09.05.2022 – 13.05.2022)**

**Trained by**

**Shree Technologies Private Limited, Coimbatore**

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 III Year EEE Students-Reg

The Department of EEE has planned to conduct Technological Teaching for third year students on "Industrial Automation" 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. The quotation details, syllabus and Training Schedule are attached with this letter. Kindly do the needful sir.

Name of the Technological Training	Name of the Company	Total Number of Students	No of Hours	Date	Amount	Coordinator/Faculty in Charges
Training on Industrial Automation	PROLIFIC Systems and Technological Pvt. Ltd, Coimbatore	44 (Rs.1200 Per Student)	40	09.05.22 to 13.05.22	Rs.52,800	D.Manoj,A.P/EEE P.Siva Subramanian,A.P/EEE

Resource Person Details:

Mr. K. Ilanchezhian, Manager-Technical

Thanking you.

Yours faithfully

(Dr.G.Mohanbabu)



**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**

Dindigul – Palani Highway, Dindigul – 624 002

**Department of Electrical and Electronics Engineering**

To,

14.05.22

Er.K.Ilanchezian  
Technical Manager,  
Shree Technologies pvt. Ltd,  
(A Franchisee of Prolific Systems & Technologies Pvt Ltd.)  
No:3/84,First Floor  
P.N Palayam,  
Coimbatore-641037

Sir,

We hearby acknowledge that Er.K.Ilanchezian, Shree Technologies pvt. Ltd,(A Franchisee of Prolific Systems & Technologies Pvt Ltd.) Coimbatore has conducted Value added course on “Industrial Automation”for our Third year EEE students in SSM Institute Of Engineering And Technology, Dindigul for the duration of **6** days from 09.05.2022 to 14.05.2022, Totally **44** students attended the training program, the students have given good feedback on the above program.

Thanking You,

*Murugan*  
HoD/EEE

*A.D.J*  
Principal

**SSM Institute of Engineering and Technology, Dindigul -02.**



**Department of Electrical and Electronics Engineering**

**CIRCULAR**

**07.05.2022**

This is to inform that technology training program <sup>conducted by</sup> **PROLIFIC SYSTEMS & TECHNOLOGIES Pvt Ltd, Coimbatore** is going to be conducted for III-year EEE students. Henceforth interested students are informed to register their name to Mr.D.Manoj,AP/EEE.Course Duration: 09.05.2022 to 13.05.2022

A handwritten signature in blue ink, appearing to read 'D. Manoj'.  
**Faculty Incharge**

A handwritten signature in blue ink, appearing to read 'Mr. D. Manoj'.  
**HoD/EEE**

**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
**Department of Electrical and Electronics Engineering**  
**III year Name List Batch: 2019-2023**

S. No	Register Number	Name
1	922119105001	ABINAYA S S
2	922119105002	ANIESH ANGEL A
3	922119105003	ARUL NITHISH KUMAR R
4	922119105004	BEBINA RITHIKA J
5	922119105005	BRUMMA THAMO THARAN M
6	922119105006	DHEEPAN KUMAR G
7	922119105007	DHILIP LAKSHMAN V
8	922119105008	ESHWAR J
9	922119105009	GNANA AROCKYA AMALI B
10	922119105010	GOKULA PANDIYAN A
11	922119105011	HARINI M
12	922119105012	HARIKRASATH S
13	922119105013	HEMALATHA S
14	922119105014	KARTHIKEYAN B
15	922119105016	KRISHNA LEELA S
16	922119105017	MANJULA S
17	922119105018	MANOJ KUMAR A
18	922119105019	MOHAMMED HAFEEZ A
19	922119105020	MOHAMMED JAVITH S
20	922119105021	MOUNA JOTHI M
21	922119105022	MUTHUKUMAR R
22	922119105023	NAGARANI M
23	922119105024	NASEER HUSSAIN S
24	922119105025	PRAKASH T
25	922119105026	PREETHIKA J
26	922119105027	PUNITHA VIJAYASRI P
27	922119105028	RAJESH MANI K
28	922119105029	RESHMA P
29	922119105030	RISHIKARAN
30	922119105031	ROBIN NICHOLAS S
31	922119105032	SANGAVI SRI M
32	922119105033	SARAVANAN R
33	922119105034	SHAGIL P
34	922119105035	SHALINI T
35	922119105036	SIVASUBRAMANI S
36	922119105037	SRI VARSHAN K
37	922119105038	SURIYA SELVAM I
38	922119105039	VAISHNAVI C
39	922119105040	VINITH PRAVEEN KUMAR V
40	922119105041	VINOOTH KUMAR S

**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
Department of Electrical and Electronics Engineering  
III year Name List Batch: 2019-2023

41	922119105042	VISWAA J
42	922119105301	AKASH A
43	922119105302	BAVADHARANI U
44	922119105303	BHARATHKUMAR K

  
**Faculty In-charge**

  
**HoD/EEE**

**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL - 624 002**  
**Department of Electrical and Electronics Engineering**  
**Technology Training(Prolific systems and Technology Pvt Ltd,Coimbatore)**  
**Industrial Automation**



S.No	Register Number	Name of the Student	09.05.22	10.05.22	11.05.22	12.05.22	14.05.22
			FN	AN	FN	AN	FN
1	922119105001	ABINAYA S S	A	A	A	A	A
2	922119105002	ANIESH ANGEL A	A	A	A	A	A
3	922119105003	ARUL NITHISH KUMAR R	A	A	A	A	A
4	922119105004	BEBINA RITHIKA J	A	A	A	A	A
5	922119105005	BRUMMA THAMOTHARAN M	A	A	A	A	A
6	922119105006	DHEEPANKUMAR G	A	A	A	A	A
7	922119105007	DHILIP LAKSHMAN V	A	A	A	A	A
8	922119105008	ESHWAR J	A	A	A	A	A
9	922119105009	GNANA AROCKYA AMALI B	A	A	A	A	A
10	922119105010	GOKULA PANDIYAN A.	A	A	A	A	A
11	922119105011	HARINI M	A	A	A	A	A
12	922119105012	HARIPRASATH S	A	A	A	A	A
13	922119105013	HEMALATHA S	A	A	A	A	A
14	922119105014	KARTHIKEYAN B	A	A	A	A	A
15	922119105016	KRISHNA LEELA S	A	A	A	A	A
16	922119105017	MANJULA S	A	A	A	A	A
17	922119105018	MANOJ KUMAR A	A	A	A	A	A
18	922119105019	MHAMMED HAFFEES A	A	A	A	A	A
19	922119105020	MHAMMED JAVITH S	A	A	A	A	A
20	922119105021	MOUNAJOTHI M	A	A	A	A	A
21	922119105022	MUTHU KUMAR R	A	A	A	A	A
22	922119105023	NAGARANI M	A	A	A	A	A
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26	922119105027	PUNITHA VIJAYASRI P	A	A	A	A	A
27	922119105028	RAJESH MANIK	A	A	A	A	A
28	922119105029	RESHMA P	A	A	A	A	A
29	922119105030	RISHIKARAN R	A	A	A	A	A
30	922119105031	ROBIN NICHOLAS S	A	A	A	A	A
31	922119105032	SANGAVI SRI M	A	A	A	A	A
32	922119105033	SARAVANAN R	A	A	A	A	A

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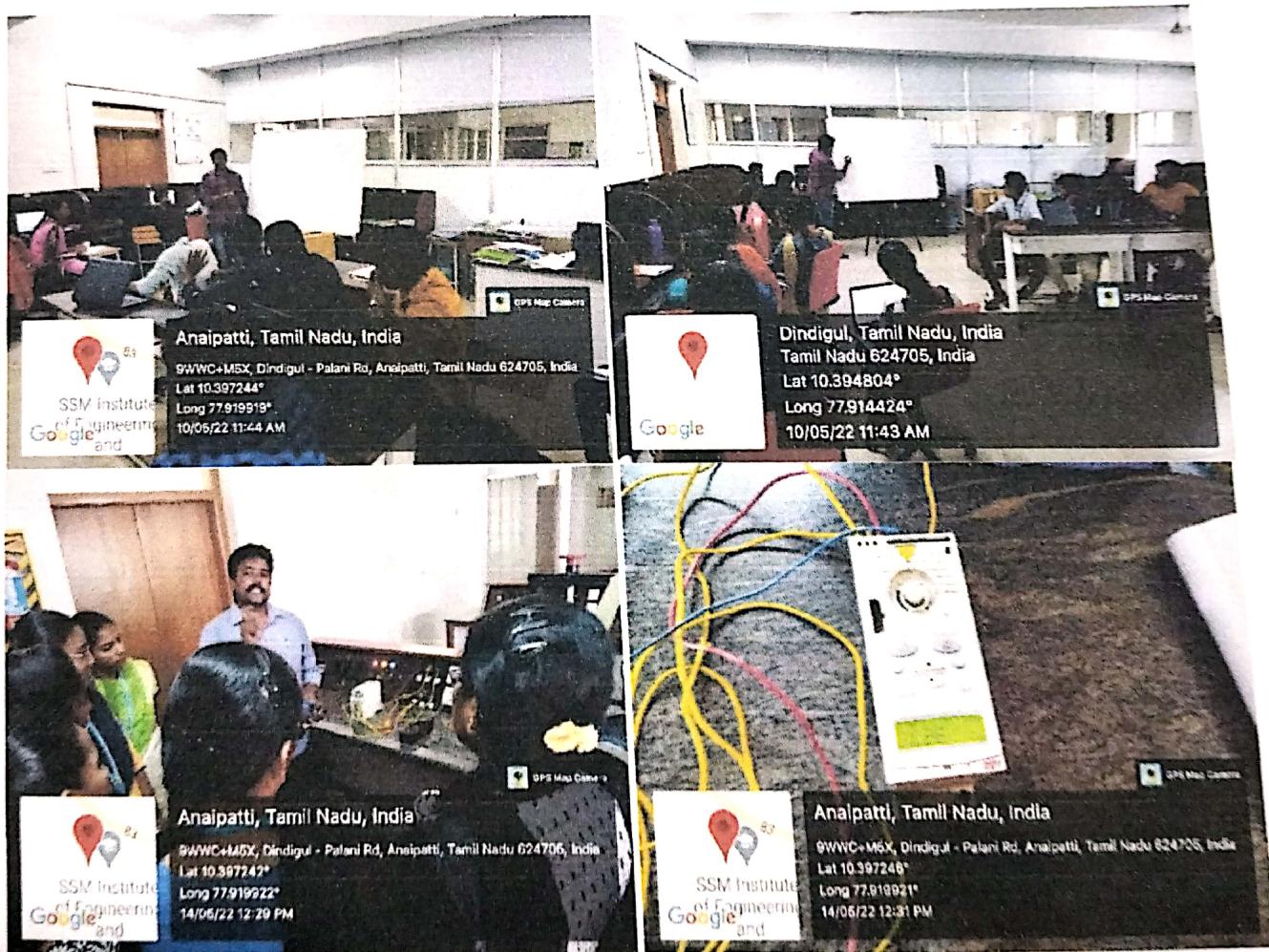
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## Summary Report

The department of Electrical and Electronics Engineering, SSM Institute of Engineering and Technology conducted **Technology training on Industrial Automation** from 9<sup>th</sup> May 2022 to 13<sup>th</sup> May 2022. The course covered topics including Introduction to PLC, Operation and Maintenance of PLC, Programming and Project Development, Applications of SCADA software, Different packages available with I/O structure, Features of SCADA software. Students have attended assessment tests at the end of the course and certificates were issued. The students from third year EEE attended the course and got benefitted.



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PROLIFIC SYSTEMS AND TECHNOLOGIES P LTD,  
SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
5DAYS PLC & SCADA TRAINING PROGRAM

Time: 1 Hours

maximum:50 marks

Date:

PART-A (20 X 1=20MARKS)

1. Which Programming Language is commonly used in PLC?

- a)C++      b) Ladder      c) C    d)Java

2. Which One of the Following Communication Cable is used in PLC?

- a)DH-485      b)RS-485      c) RS-232    d)RJ45

3. "Download" describes Transfer from .....

- a) PC to PLC      b) PLC to PC      c) PC to PC d) PLC to PLC

4. "Upload" describes Transfer from .....

- a) PC to PLC      b) PLC to PC c) PC to PC d) PLC to PLC

5. Which one of the following is not associated with AB PLCTimer?

- a) Preset      b)Accumulator      c) Binary Memoryd) Time Base

6. Which Coil Permits the Supply when it is in ON state.

- a) Normally OPEN      b) Normally CLOSE

7. Which one of the following belongs to Input address in AB PLC?

- a) I0.0      b) I: 0/0      c)X0      d)I1

8. Which one of the following belongs to Output address in Delta PLC?

- a) O:0/0      b) Y:0.0      c) Y0      d) IQ

9. Which one of the following belongs to Timer address in AB PLC?

- a) T0    b) T4:0    c) R0    d) D0

10. Which Coil Doesn't Permits the Supply when it is in ON state.

- a) Normally OPEN      b) Normally CLOSE

11. Which of the following Bit Activates When the Time delay reach Preset Value?

- a) Done Bit    b) Timer Timing Bit    c) Enable Bit

12. Accumulator is Used to ..... in Timer.

- a) Display the Changing values    b) Set the Time Value  
c) Choosing the time base    d) Address Assigning

13. Which One of the Following is Used to "Set the Time Value" in timer ?

- a) Preset    b) Accumulator    c) Time Base    d) Address

14. An example of discrete (digital) control is:

- a) Varying the volume of a music system    b) Turning a lamp ON or OFF  
c) Varying the brightness of a lamp    d) Controlling the speed of fan

15. One of the following is an input device.

- a) Motor    b) Light    c) Valved) Sensor

16. PLC stands for programmable logo controller.

- a) True    b) False    c) None of the above

17. In a PLC "I:0/0" is used to denote output and "O:0/0" is used for input.

- a) True    b) False    c) None of the above

18. Lights, lamps, motors are connected to:

- a) Analog output   b) Digital output   c) Analog input   d) Digital input

19. What is mean by SCADA?

20. Which software used in scada?

#### PART-B (5 X 2= 10 MARKS)

(Answer all Questions)

1. Draw the Ladder Diagram for EX-OR Gate?
2. Draw the Ladder Diagram for AND Gate?
3. Draw the Ladder Diagram For DOL Starter?
4. List the Name of Programming Software, Communication Software and Simulation Software for Allen Bradley PLC?
5. Difference between Electrical and Electronics?

#### PART-C (2 X 10=20MARKS)

(Answer all Questions)

1. What is meaningby Automation and Its Types and Its Application?
2. a) If a Switch is Pressed , Light A and Light B ON.  
If the Switch is Released, Light A off, Light B ON.  
b)If a switch is ON, after 5 sec. lamp A- On,  
After 10 sec. Lamp B- On, After 15 sec. Lamp C-On.

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SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY  
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36  
50

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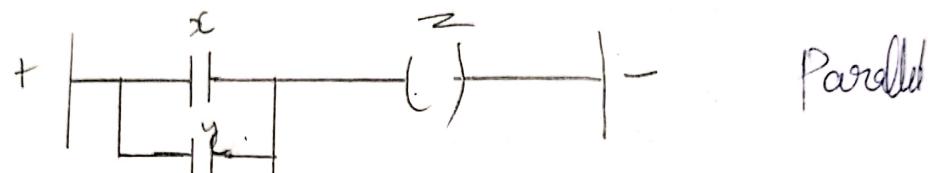
8. Which one of the following belongs to Output address in Delta PLC?

Answer all questions (2 marks)

1) OR gate

X	Y	Z
0	1	1
1	0	1
0	0	0
1	1	1

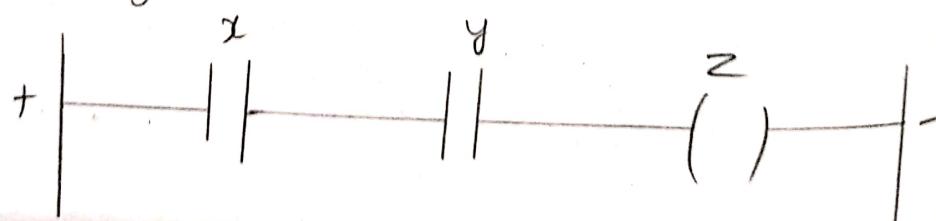
Diagram for OR gate



2) AND gate

X	Y	Z
1	0	0
0	1	0
0	0	0
1	1	1

Diagram for AND gate



Series Connection

21

- a) O:0/0    b) Y:0.0     c) Y0    d) IQ

9. Which one of the following belongs to Timer address in AB PLC?

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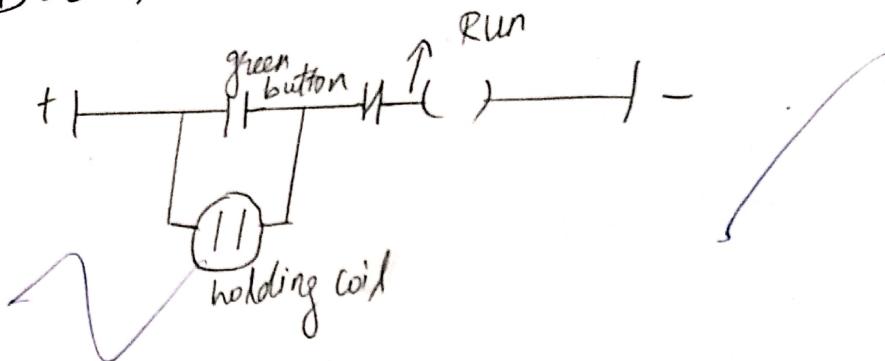
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- a) True     b) False    c) None of the above

### 3) DOL Starter



### 4) Allen Bradley :

Programming Software - RS LOGIX 500

Communication Software - RSLinx

Soft Simulation Software - RS Logix 8

Protocol - RS232

Input address - I : 0/0

Output address - Q : 0/0

Timer address - T4:0 ... T4:255

Counter address - C5:0 ... C5:25

### 5) Electrical :

It is Connection of a Conductor.

Electronics :

It is a Connection of Semiconductors

18. Lights, lamps, motors are connected to:

- a) Analog output   b) Digital output   c) Analog input   d) Digital input

19. What is mean by SCADA?

Supervision Controller and Data Acquisition.

20. Which software used in scada?

Intouch wonderware

#### PART-B (5 X 2= 10 MARKS)

(Answer all Questions)

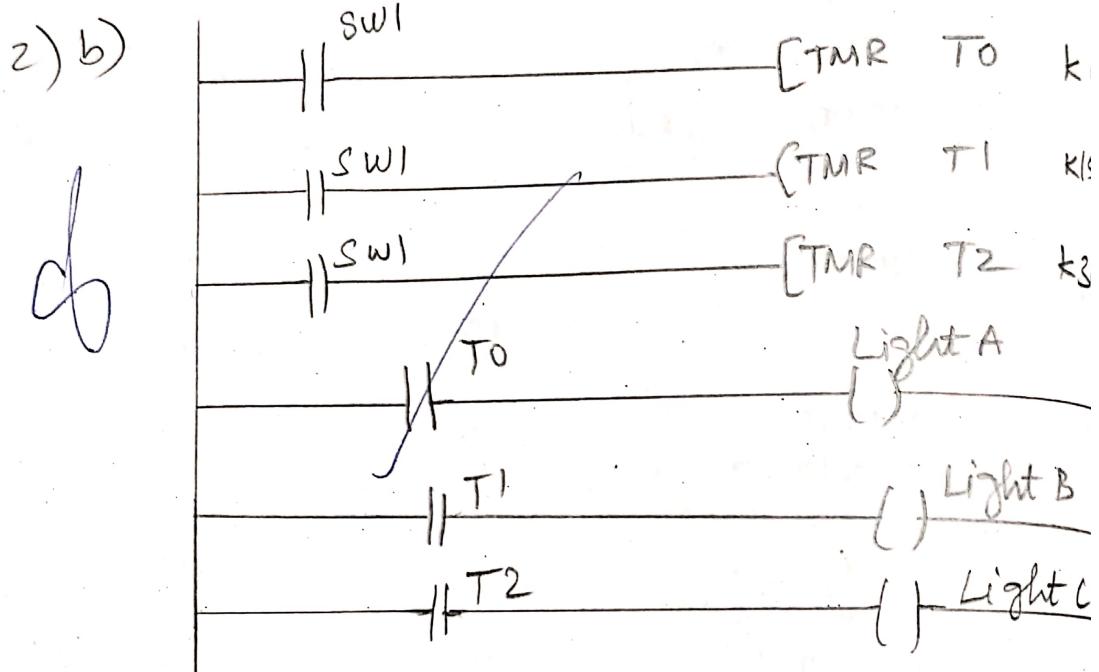
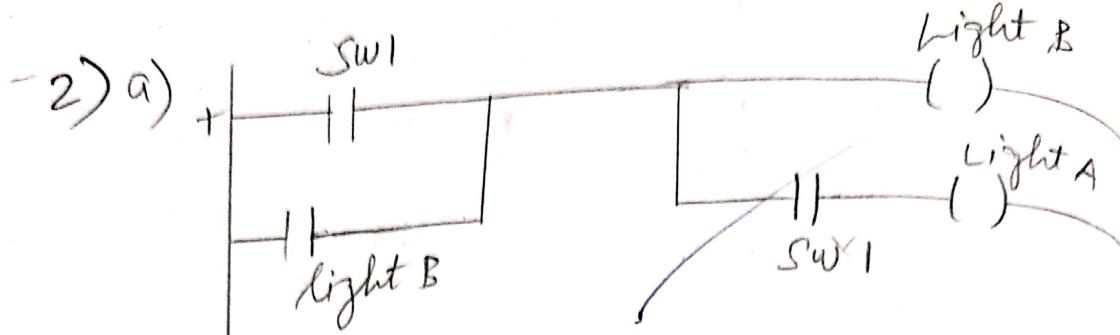
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#### PART-C (2 X 10=20MARKS)

(Answer all Questions)

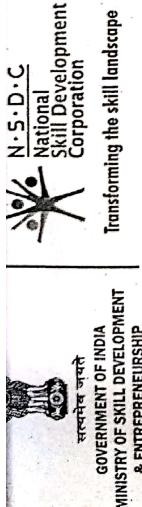
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After 10 sec. Lamp B- On, After 15 sec. Lamp C-On.

### Part - C



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ASIA'S LARGEST INDUSTRIAL  
TRAINING COMPANY

# CERTIFICATE



In recognition of the commitment to achieve Professional Excellence, it is certified that

## RISHIKARAN R

Has successfully completed Technological Teaching on "Industrial Automation" covering,



Conducted for 5 days during the period 09.05.22 to 13.05.22 at

**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY - EEE Department, Dindigul.**

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- National Skill Development Corp. (Govt. of India) Approved Training Company



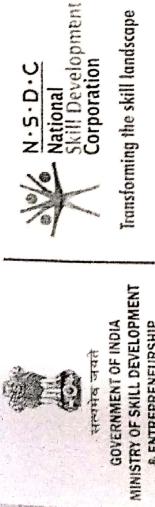
*Mr. Baluwar S*

Director



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RESHMA. P

Has successfully completed Technological Teaching on "Industrial Automation" covering,

- PLC
- SCADA
- VFD

Conducted for 5 days during the period 09.05.22 to 13.05.22 at

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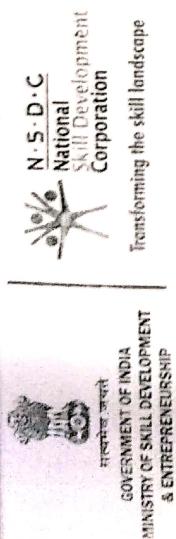
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*Aref Hameed S*  
Director



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# CERTIFICATE

**PROLIFIC**  
ASIA'S LARGEST INDUSTRIAL  
TRAINING COMPANY

In recognition of the commitment to achieve Professional Excellence, it is certified that

K.RAJESH MANI

Has successfully completed Technological Teaching on "Industrial Automation" covering,

- PLC
- SCADA
- VFD

Conducted for 5 days during the period 09.05.22 to 13.05.22 at

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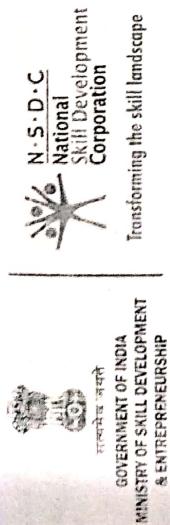


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MINISTRY OF SKILL DEVELOPMENT  
& ENTREPRENEURSHIP

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TRAINING COMPANY

# CERTIFICATE

In recognition of the commitment to achieve Professional Excellence, it is certified that

## AKASH A

Has successfully completed Technological Teaching on "Industrial Automation" covering,

- PLC
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Certified Company



IAO - USA  
Accredited Courses



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Date:	14.05.2022
Name:	N.S.D.G National Design Corporation
College Name:	SRM Institution
Department:	EEE
Year:	III
Permanent Address:	Mail ID : 9366221121 Narasimha - Block No. 10, Kusuma Compound, Narayana Edifice, 10th Main Road, Mysore - 570001
After Graduation:	<input type="checkbox"/> Higher Studies <input type="checkbox"/> PLC Software
Training Interested In:	<input type="checkbox"/> Short term Training Program in College premises <input type="checkbox"/> Post Graduate Diploma in Industrial Automation at Prolific - (100% Placement) <input type="checkbox"/> Post Graduate Diploma in Embedded Systems at Prolific - (100% Placement) <input type="checkbox"/> Short term Training Program at Prolific
Feedback:	Very useful session. We know Automation
Comments:	Very useful session.

Date:	15.05.2022
Name:	N.S.D.G National Design Corporation
College Name:	SRM Institution
Department:	EEE
Year:	III
Permanent Address:	Mail ID : 9366221121 Narasimha - Block No. 10, Kusuma Compound, Narayana Edifice, 10th Main Road, Mysore - 570001
After Graduation:	<input type="checkbox"/> Higher Studies <input type="checkbox"/> PLC Software
Training Interested In:	<input type="checkbox"/> Short term Training Program in College premises <input type="checkbox"/> Post Graduate Diploma in Industrial Automation at Prolific - (100% Placement) <input type="checkbox"/> Post Graduate Diploma in Embedded Systems at Prolific - (100% Placement) <input type="checkbox"/> Short term Training Program at Prolific
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Permanent Address:	Mail ID : 9366221121 Narasimha - Block No. 10, Kusuma Compound, Narayana Edifice, 10th Main Road, Mysore - 570001
After Graduation:	<input type="checkbox"/> Higher Studies <input type="checkbox"/> PLC Software
Training Interested In:	<input type="checkbox"/> Short term Training Program in College premises <input type="checkbox"/> Post Graduate Diploma in Industrial Automation at Prolific - (100% Placement) <input type="checkbox"/> Post Graduate Diploma in Embedded Systems at Prolific - (100% Placement) <input type="checkbox"/> Short term Training Program at Prolific
Feedback:	This Training is very useful
Comments:	

Date:	15.05.2022
Name:	N.S.D.G National Design Corporation
College Name:	SRM Institution
Department:	EEE
Year:	III
Permanent Address:	Mail ID : 9366221121 Narasimha - Block No. 10, Kusuma Compound, Narayana Edifice, 10th Main Road, Mysore - 570001
After Graduation:	<input type="checkbox"/> Higher Studies <input type="checkbox"/> PLC Software
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Feedback:	The training is very useful, and I got lot of knowledge in this training.
Comments:	

Date:	15.05.2022
Name:	N.S.D.G National Design Corporation
College Name:	SRM Institution
Department:	EEE
Year:	III
Permanent Address:	Mail ID : 9366221121 Narasimha - Block No. 10, Kusuma Compound, Narayana Edifice, 10th Main Road, Mysore - 570001
After Graduation:	<input type="checkbox"/> Higher Studies <input type="checkbox"/> PLC Software
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Feedback:	This training is very useful.
Comments:	





(International Accreditation  
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(Govt. of India) Approved  
Training Company

## Topics Covered

### Programmable Logic Controllers (PLC)- Advance

<u>Introduction to PLC</u>	<u>Mode</u>
► Introduction to PLC hardware and role in automation	Presentation and physical observations
► Architectural Evolution of PLC	
► Introduction to the field devices attached to PLC	
► PLC Fundamentals – (Block diagram of PLC's)	Practical demonstration on hardware
► Detail information about PLC components <ul style="list-style-type: none"> <li>○ Power supply, CPU, I/Os, Communication bus</li> </ul>	
► Various ranges available in PLC's	Practical on PLCs
► Types of Inputs & outputs / Source Sink Concepts	Practical on PLCs
► Wiring of the I/O devices	Practical on PLCs
► Concept of flags	
► Scan cycle execution	
<u>Operation and Maintenance of PLC</u>	<u>Mode</u>
► Setting up PLCs / Connecting CPU, I/O modules, Rack, Backplane and Communication bus	Practical – Assembling PLC
► Connecting Field devices to PLCs I/Os terminals	Practical –Physical wiring Practical – Installation of software
► Installing and to starting the programming	Practical on PLCs
► Identifying the status of PLC and communication bus	Practical on PLCs
► Fault detection and error handling	Practical on Software
► Forcing of the I/O's	Practical on PLCs
► Back up of the programs and reloading	Practical on PLCs
► CPU, I/O module replacements	Practical on PLCs

## Allenbradley (AB)

<u>Operation and Maintenance of PLC</u>	<u>Mode</u>
Topic	Practical – Assembling PLC
➤ Setting up PLCs / Connecting CPU, I/O modules, Rack, Backplane and Communication bus	Practical –Physical wiring
➤ Connecting Field devices to PLCs I/Os	
➤ Configuring Local 1756-I/O Modules	
➤ Connecting a Computer to a Communications Network	Practical – Installation of software
➤ Installing and to starting the programming terminals	
➤ Creating & Modifying an RSLogix new project	
➤ Transferring a Project File to a Logix500 Controller	Practical on PLCs
➤ Identifying the status of PLC and communication bus	Practical on Software
➤ Creating Tags & Monitoring Data in an RSLogix 500 Project	Practical on PLCs
➤ Forcing of the I/O's	
➤ Managing RSLogix 500 Project Files	
➤ Back up of the programs and reloading	

<u>Programming / Project Development</u>	
Ladder Logic Programming/Interpretation	Practical – Programming terminal
➤ Identifying Programming Strategies & Techniques	

- Documenting & Searching Ladder Logic
- Programming N/o,N/c Instructions
- Programming Timer & Counter Instructions
- Programming Program Control Instructions
- Programming Compare Instructions
- Programming Compute & Math Instructions
- Programming Move Instructions
- Programming with Advance Instruction Set

➤ Introduction to industrial networking	Theory session
➤ Identifying Industrial Networks for Use in a RSLogix500 System	



# Supervisory Control & Data Acquisition Software (Wonderware InTouch 10.0)

- ✓ Covered Applications of SCADA software
- ✓ Different packages available with I/O structure
- ✓ Features of SCADA software
- ✓ Creating a new SCADA application
- ✓ Creating Database of Tags
- ✓ Creating & Editing graphic display with animation
- ✓ Creating & Accessing Alarms
- ✓ Creating and Accessing Events
- ✓ Creating and Accessing Events
- ✓ Trending
- ✓ Creating & Accessing Real-time Trends
- ✓ Creating & Accessing Historical Trends
- ✓ Window script
- ✓ Application script
- ✓ Writing script on industrial application
- ✓ Bottle filling plant
- ✓ Process automation plant
- ✓ Connectivity with the different hardware
- ✓ Communication protocols
- ✓ Communication with PLC
- ✓ Connectivity between software
- ✓ Troubleshooting the application
- ✓ Fault diagnostics and error handling
- ✓ Sorting communication problems



## Programmable Logic Controllers (PLC) –Delta PLC

<b>Topics Covered</b>	<b>Mode</b>
<b>Programming / Project Development</b>	Practical on PLC's
<b>Topic</b>	
➤ SIMATIC S7 PLC Functionalities	Practical – PLC programming software
➤ Setting up Delta PLC hardware	Practical – PLC programming software
➤ Programming software	Practical – PLC programming software
* PLC program structure in delta	
* The instruction set of WPL Soft	
* Parameters, functions and tools	
➤ CPU configuration, setting parameters and application of several I/O cards using the software	Practical – PLC programming software
➤ Addressing Concepts in Delta PLC's	Practical – PLC programming software
➤ Detail information about Organizational Blocks, Function Block, Functions, System Function Block, System Function, Data block	Practical – PLC programming software
➤ Creating and Editing PLC programs	Practical – PLC programming software
➤ Introduction to Bit Byte and Word Concept	Practical – PLC programming software
➤ Programming instructions arithmetic and logical	Practical – PLC programming software
* Load /and /or/out / and Read / Write	
* Compare / Add / Sub /And /Or – Blocks	
* Leading edge / trailing edge instructions	
* MOVE block application	
➤ Programming instructions arithmetic and logical	Practical – PLC programming software
* Timer Blocks programming	
* Counter Block programming	
* Comment functions	
* Comments in the PLC programs	
* Handling Analog I/Ps	





**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
**TECHNOLOGY TRAINING ON "INDUSTRIAL AUTOMATION**

**MARK STATEMENT**

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2	922119105002	ANIESH ANGEL A	28
3	922119105003	ARUL NITHISH KUMAR R	17
4	922119105004	BEBINA RITHIKA J	15
5	922119105005	BRUMMA THAMO THARAM M	20
6	922119105006	DHEEPAN KUMAR G	25
7	922119105007	DHLIP LAKSHMAN V	29
8	922119105008	ESHWAR J	12
9	922119105009	GNANA AROCKYA AMALI B	13
10	922119105010	GOKULA PANDIYAN A	20
11	922119105011	HARNIM	32
12	922119105012	HARPRASATH S	23
13	922119105013	HEMALATHA S	25
14	922119105014	KARTHIKEYAN B	22
15	922119105016	KRISHNA LEELA S	10
16	922119105017	MANJULAS	26
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19	922119105020	MOHAMMED JAVITH S	32
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22	922119105023	NAGARANI M	36
23	922119105024	NASEER HUSSAIN S	12
24	922119105025	PRAKASH T	10
25	922119105026	PREETHIKA J	8
26	922119105027	PUNITHA VIAYASRIP	31
27	922119105028	RAJESH MANIK	30
28	922119105029	RESHMA P	24
29	922119105030	RISHIKARAN	20
30	922119105031	ROBIN NICHOLASS	21
31	922119105032	SANGAVI SRIM	18
32	922119105033	SARAVANAN R	17
33	922119105034	SHAGIL P	15
34	922119105035	SHALINI T	14
35	922119105036	SIVASUBRAMANIS	11
36	922119105037	SRI VARSHANK	12
37	922119105038	SURIYA SELVAMI	35
38	922119105039	VAISHNAVIC	32
39	922119105040	VINITH PRAVEEN KUMAR V	24
40	922119105041	VINOOTH KUMAR S	24
41	922119105042	VISWAAJ	23
42	922119105301	AKASHA	26
43	922119105302	BAVADHARANI U	12
44	922119105303	BHARATHKUMAR K	16

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