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## Co-Chairman

**Prof. Prabhakar.M**

First Year Coordinator, RRCE

## Organizing Secretary

**Dr. Arunachalam M,**

Head of the Department,

Dept. of Electrical and Electronics Engineering  
RRCE

## ORGANIZING COMMITTEE

### Coordinators

1. Prof.Avinash C M
2. Prof. Sincy E Kuruvilla  
All Staff members of EEE Dept.

## Address for communication

### Coordinators

1. Prof.Avinash C M (9740369481)  
[avinash.rce@gmail.com](mailto:avinash.rce@gmail.com)
2. Prof. Sincy E Kuruvilla (9886246348)  
[sincyekrrce@gmail.com](mailto:sincyekrrce@gmail.com)

### Value Added Course on PROGRAMMABLE LOGIC CONTROLLERS

**Department of Electrical and Electronics Engg.**  
**RajaRajeswari College of Engineering**  
Kumbalagodu, Mysore road, Bengaluru-  
560074

### Course Outcome:

At the end of the course student will have ability to

1. Ability to gain knowledge on Programmable Logic  
Controllers
2. Will understand different types of Devices to which  
PLC input and output modules are connected
3. To provide the knowledge about understand various  
types of PLC registers
4. Able to create ladder diagrams from process control  
descriptions.
5. Ability to apply PLC timers and counters for the  
control of industrial processes.



### Value Added Course on PROGRAMMABLE LOGIC CONTROLLERS

From

**23<sup>rd</sup> January 2017 to 27<sup>th</sup> January 2017**

**(9:00 am to 4:00 pm)**

**(By Mr.Venugopal, Managing Director,  
Venjay Automation, Bengaluru)**

**Organized by**

**Department of Electrical & Electronics  
Engineering**



### **RAJARAJESWARI COLLEGE OF ENGINEERING (RRCE)**

**(Approved by AICTE, New Delhi )**

**ACCREDITED BY NAAC , 'A' Grade**

**and NBA (EEE,ECE,ME,CSE),**

**ISO 9001:2008**

**#14, RAMOHALLI CROSS, KUMBALAGODU**

**MYSORE ROAD, BENGALURU-560074**

**KARNATAKA, INDIA,**

**Fax: +91- 80-28437373,**

**Ph: 080-28437124, 080-28437375, 080-65666769**

**Website: [www.rce.org](http://www.rce.org)**

## ABOUT THE INSTITUTION

Rajarajeswari College of Engineering (RRCE) was established in the year 2006 under the shelter of Moogambigai Charitable and Educational Trust (estd. 1992) with the sole object of establishing Institutions of higher education of exemplary stature in the state of Karnataka.

RRCE is approved by AICTE, New Delhi and is affiliated to Visvesvaraya Technological University (VTU), Belgaum, and Karnataka. The Institute offers six UG Engineering courses (Civil, Mechanical, Electrical & Electronics, Electronics & Communication, Computer Science & Engineering and Information Science & Engineering) and five PG courses Viz. M.Tech (Digital Electronics and communication, Thermal Engineering and Computer science & Engineering), MBA & MCA. RRCE has four R&D centers. All the Departments have qualified staff and well equipped laboratories with state of the art equipment. The college has library and information center with very good collection, computer centers and sports facilities along with other amenities. The college is located by the side of Bengaluru - Mysore road and is 18km from Bangalore City Railway Station.

## ABOUT THE DEPARTMENT

The Department of Electrical & Electronics Engineering was established in the year 2006. The department is offering UG course in EEE. The department has experienced and well qualified senior Professors and dynamic faculty members. EEE department is highly dynamic in organizing various events like workshops, Technical seminars, expert lectures, FDPs and industrial visits etc for the benefit of staff and students. Department has well equipped laboratories.

## OBJECTIVE OF THE COURSE

A constant demand for better and more efficient manufacturing and process machinery has led to the requirement for higher quality and reliability in control techniques. With the availability of intelligent, compact solid state electronic devices, it has been possible to provide control systems that can reduce maintenance, down time and improve productivity to a great extent. Considering the varied demand and increasing competition, one has to provide for flexible manufacturing process. The basic idea behind these programmable controllers was to provide means to eliminate high cost associated with inflexible, conventional relay controlled systems.

The program will be held from 23rd January 2017 to 27th January 2017 (9:00 am to 04:00 pm) at EEE CAED Lab, RRCE, Bengaluru-560074.

### Participants:

Students who are interested in Electrical Drives, Electrical Machines and Instrumentation are invited to participate in the Course.

**Registration fees: Nil**

**Limited seats are available.  
On first come first serve basis.**

**PLEASE REGISTER IN ADVANCE.**

Value Added Course  
on

## PROGRAMMABLE LOGIC CONTROLLERS

**From**

**23<sup>rd</sup> January 2017 to 27<sup>th</sup> January 2017**

**Department of Electrical & Electronics  
Engineering  
RajaRajeswari College of Engineering  
Mysore road, Kumbalagodu  
Bengaluru-560074  
Ph: + 91-80-28437124, +91-80-6566 6769**

### REGISTRATION FORM

Name :  
Designation :  
Organization :  
Address :  
Phone No. : Fax:  
E-mail :  
  
Date: Signature of the Participant  
  
Place: Seal and Signature of the Sponsoring Authority



RAJARAJESWARI COLLEGE OF ENGINEERING  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

"TRANSFORMER"



PROGRAMMABLE LOGIC CONTROLLERS  
From  
23<sup>rd</sup> January 2017 to 27<sup>th</sup> January 2017

SNo	Name of the Student	USN No	23 <sup>rd</sup> Jan	24 <sup>th</sup> Jan	25 <sup>th</sup> Jan	26 <sup>th</sup> Jan	27 <sup>th</sup> Jan
1	AKSHAY KUMAR S	1RR12EE001	Akshay Kumar S	Akshay Kumar S	Akshay Kumar S	Akshay Kumar S	Akshay Kumar S
2	ARUN KUMAR N	1RR12EE003	Arun Kumar N	Arun Kumar N	Arun Kumar N	Arun Kumar N	Arun Kumar N
3	MANI R	1RR12EE017	Mani R	Mani R	Mani R	Mani R	Mani R
4	RAKSHITH J	1RR12EE024	Rakshith J	Rakshith J	Rakshith J	Rakshith J	Rakshith J
5	CHAITRA S R	1RR13EE010	Chaitra S R	Chaitra S R	Chaitra S R	Chaitra S R	Chaitra S R
6	KALYAN KIRAN	1RR13EE016	Kalyan Kiran	Kalyan Kiran	Kalyan Kiran	Kalyan Kiran	Kalyan Kiran
7	NAVEEN RAJ	1RR13EE023	Naveen Raj	Naveen Raj	Naveen Raj	Naveen Raj	Naveen Raj
8	SANDEEP L	1RR13EE035	Sandeep L	Sandeep L	Sandeep L	Sandeep L	Sandeep L
9	AMRUTHAVARSHINI M	1RR14EE001	Amrutha Varshini M	Amrutha Varshini M	Amrutha Varshini M	Amrutha Varshini M	Amrutha Varshini M
10	ANUSHA T S	1RR14EE002	Anusha T S	Anusha T S	Anusha T S	Anusha T S	Anusha T S



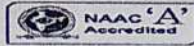
33	MANJUNATHA B	1RR13EE025	Manjunath B	Manjunath B	Manjunath B	Manjunath B	Manjunath B
34	MANU V	1RR13EE020	Manu V	Manu V	Manu V	Manu V	Manu V
35	MEGHANA K	1RR13EE021	Meghana K	Meghana K	Meghana K	Meghana K	Meghana K
36	NANDESH.M	1RR13EE022	Nanda	Nanda	Nanda	Nanda	Nanda
37	NAWAZ UR RAHMAN	1RR13EE024	Naba	Naba	Naba	Naba	Naba
38	NIVEDITHA.HR	1RR13EE025	Niveditha HR	Niveditha HR	Niveditha HR	Niveditha HR	Niveditha HR
39	PAVITHRA.HR	1RR13EE026	Pavithra HR	Pavithra HR	Pavithra HR	Pavithra HR	Pavithra HR
40	PAVITHRAS	1RR13EE027	Pavith	Pavith	Pavith	Pavith	Pavith
41	POOJA NAVAK.N	1RR13EE028	Pooja SB	Pooja SB	Pooja SB	Pooja SB	Pooja SB
42	POOJA.SB	1RR13EE029	Pooja SB	Pooja SB	Pooja SB	Pooja SB	Pooja SB
43	POOJA.NP	1RR13EE030	Pooja	Pooja	Pooja	Pooja	Pooja
44	PRAKASH	1RR13EE031	Prakash	Prakash	Prakash	Prakash	Prakash
45	SIDDESHWAR.B	1RR13EE041	Sidd	Sidd	Sidd	Sidd	Sidd

PHOD-EEE  
*Signature*



RAJARAJESWARI COLLEGE OF ENGINEERING  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

"TRANSFORMERZ"



Value Added Course  
on  
PROGRAMMABLE LOGIC CONTROLLERS  
From 23rd January 2017 to 27th January 2017


Feedback form

Student name: Akshay Kumar  
Sem : 7th

Please take a moment to fill the feedback form .your comment assist us in improving our future Courses.

- |    |  |   |   |   |   |   |
|----|--|---|---|---|---|---|
| 1. | Information before the course was timely accurate.                                   | 5 | 4 | 3 | 2 | 1 |
| 2. | The course was scheduled at a Suitable time.   | 5 | 4 | 3 | 2 | 1 |
| 3. | The course facility were appropriate and satisfactory.                               | 5 | 4 | 3 | 2 | 1 |
| 4. | The course material was presented in Clear and organized manner.                     | 5 | 4 | 3 | 2 | 1 |
| 5. | The staff responded to the question in an informative, appropriate and satisfactory. | 5 | 4 | 3 | 2 | 1 |
| 6. | Overall, the session was the course use full.  | 5 | 4 | 3 | 2 | 1 |

5: Strongly agree 4: Agree 3: Neutral 2: Disagree 1: Strongly disagree

  
Student Signature



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Value Added Course  
on  
PROGRAMMABLE LOGIC CONTROLLERS  
From 23rd January 2017 to 27th January 2017

Feedback form

Student name: Sandeep h.  
Sem : 7<sup>th</sup>.

Please take a moment to fill the feedback form .your comment assist us in improving our future Courses.

- |    |  |   |   |   |   |   |
|----|--|---|---|---|---|---|
| 1. | Information before the course was timely accurate.                                   | 5 | 4 | 3 | 2 | 1 |
| 2. | The course was scheduled at a Suitable time.   | 5 | 4 | 3 | 2 | 1 |
| 3. | The course facility were appropriate and satisfactory.                               | 5 | 4 | 3 | 2 | 1 |
| 4. | The course material was presented in Clear and organized manner.                     | 5 | 4 | 3 | 2 | 1 |
| 5. | The staff responded to the question in an informative, appropriate and satisfactory. | 5 | 4 | 3 | 2 | 1 |
| 6. | Overall, the session was the course use full.  | 5 | 4 | 3 | 2 | 1 |

5: Strongly agree 4: Agree 3: Neutral 2: Disagree 1: Strongly disagree

  
Student Signature



# RajaRajeswari College of Engineering

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(A Unit of RajaRajeswari Group of Institution)

(#14, Ramohalli Cross, Kumbalagodu, Mysore Road Bangalore-560074)



## Department of Electrical & Electronics Engineering

### Certificate

This is to certify that, GOWTHAM.N of 4<sup>th</sup> year Electrical Engineering, has participated in the training program on “ Value Added Course on PROGRAMMABLE LOGIC CONTROLLERS” held from 23rd January 2017 to 27th January 2017, organized and Conducted by the department of Electrical Engineering.

HOD

Dr. M Arunachalam

Principal

Dr. R Balakrishna





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## Department of Electrical & Electronics Engineering

### Certificate

This is to certify that, **ASHWINI.BH** of **4<sup>th</sup> year Electrical Engineering**, has participated in the training program on **“ Value Added Course on PROGRAMMABLE LOGIC CONTROLLERS”** held from 23rd January 2017 to 27th January 2017, organized and Conducted by the department of Electrical Engineering.

HOD

Dr. M Arunachalam

Principal

Dr. R Balakrishna