

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

Permanently Affiliated to JNTUK, Kakinada * Approved by AICTE, New Delhi * Accredited by NAAC

Recognized by UGC Under section 2(f) and 12 (B) of UGC Act 1956

ADB ROAD, ADITYA NAGARA, SURAMPALEM-533437

Department of Electrical and Electronics Engineering

Date: 01.07.2019.

To
The principal
Aditya College of Engineering & Technology
Surampalem

Respected sir,

[Through Head of the Department]

Sub: Request for your approval to organize a certification course on PLC Programming Applications – reg.

It's our greatest pleasure to bring to your kind notice that, we the Department of Electrical and Electronics Engineering would like to train our B.Tech students in the **PLC Programming Applications** adapted initially, with the help of our staff; as the present world is moving over the software design & simulations and also is a part of the Electrical and Electronics Engineering. It will be more helpful to the students in theoretical and technical point of view. In this regard we are requesting your permission for further proceedings.

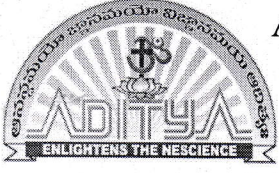
Resource Person : K. DHANARAJU
KJET
Honorarium : Rs. 10000/-

Forward to principal sir

Us

Rajy
Course Coordinator

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PRINCIPAL
Aditya College of
Engineering & Technology
SURAMPALEM- 533 437



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Date: 02.07.2019.

CIRCULAR

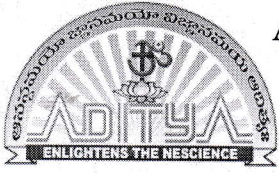
All the Electrical students are hereby informed that a one-week program is arranged to enhance the knowledge on **PLC Programming Applications**, as per the schedule from 05.08.2019. All the interested students can attend the program and utilize the opportunity. The schedule is attached.

Course Coordinator: B.VIJAYASRI, K.R.K.V.PRASAD

+918309600083


Head of the Department

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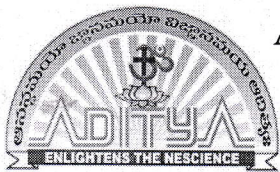
PLC Programming Applications Syllabus

1. Introduction to PLC
2. Design of Logic Gates
3. Design of Logic Gates using PLC Program
4. Speed control of Induction Motor
5. Speed control of Induction Motor using PLC Program
6. Conveyor belt Motor
7. PLC program for Conveyor belt Motor
8. Relay switching
9. PLC program for Relay switching
10. Voltage control of electrical load
11. PLC program for Voltage control of electrical load


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Schedule of PLC Programming Applications Syllabus :

Day-1:

- FN Inauguration of the Program and speakers talk about the objectives of the event
- AN Introduction to PLC.

Day-2:

- FN Design of Logic Gates
- AN Design of Logic Gates using PLC Program

Day-3:

- FN Speed control of Induction Motor
- AN Speed control of Induction Motor using PLC Program

Day-4:

- FN Conveyor belt Motor
- AN Conveyor belt Motor using PLC Program

Day-5:

- FN Relay switching
- AN PLC Program for Relay switching

Day-6:

- FN Voltage control of electrical load
- AN PLC Program for Voltage control of electrical load

Day-7:

- FN Different applications of PLC
- AN Valedictory

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