



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC with 'A' Grade, ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Summer Certification Program “Programmable Logic Controllers Fundamentals And Advanced”

- Event Type : Student Certified Program in Association with APSDC
- Date / Duration : 07-05-2018 to 12-05-2018/ One Week
- Resource Persons : Mr. K. Kiranvarma, Y. Madhu Vamsi and Mr. T.N.V.S.S.Sairam,PLC Engineers from AP Skill Development corporation.
- Name of Coordinator : Mr AVGA MArthanda
- Target Audience : B.Tech EEE Students
- Total no of Participants: 53
- Objective of the event: The main objective of this program was, that the students may gain knowledge on Day-to-Day developments in Industrial Automation applications
- Outcome of event : To understand PLC and PLC Programming and opportunity to get industrial awareness, which improve the their job opportunities in future...
- Feedback / Suggestions : These types of FDP will be conducted regularly.
- Descrption** :
- In Phase-1 (Fundamentals) the students may learn about PLC introduction, Ladder networks, Basic elements, memory coils, push buttons, LEDS Sensor based problems.
- In Phase -2(Advanced) Introduction to Delta CCPU, Relays& Transistor outputs, wiring types, Toggles switches,8-channel relay modules and contactor-relays, proximity sensors both capacitive & Inductive outputs Discussed. At the end of this workshop a test was conducted on LMS (Learning and managements system),which helps the student to improve their skills and knowledge.
- Dr.K.Apparao, Principal of LBRCE addressed the students and stated the importance of PLC's in Industrial Automation sectors
- Dr. M.UmaVani E.E.E. Hod suggested the students to be interactive in these sessions and take positive output from the program. if they acquire more practise, it become an integral skill ful knowledge in their competitive career.
- Dr.K.S.M.V.Kumar, SDC-LBRCE co-ordinator and Mr.A.V.G.A.Marthanda SDC- EEED co-ordinator suggested the students can utilise this opportunity to get industrial awareness, which improve the their job opportunities in future..
- The Resource persons from A.P.S.S.D.C. Mr. K. Kiranvarma, Y. Madhu Vamsi and Mr. T.N.V.S.S.Sairam were interacted with workshop participants and given trained in this week day session both theory and practicals.

Photographs :



Practical Session by "Resource Persons"

