



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC with B++ 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

ELECTRONICS & INSTRUMENTATION ENGINEERING

Mylavaram,

Dt.: 22-06-2019.

DETAILED REPORT ON EVENT

- Title of the Event** : Two weeks Certification Program on INDUSTRIAL AUTOMATION
- Event Type** : Certification Program
- Date / Duration** : 10th – 22th June 2019
- Resource Persons** : **Mr B Senthil Kumar**
Tech Head Automation
SSK Delta Design Engineering Private Limited -Chennai
- Mr E Sreenivasulu**
Senior Application Engineer
SSK Delta Design Engineering Private Limited -Chennai
- Mr R Karthikeyan**
Senior Application Engineer
SSK Delta Design Engineering Private Limited -Chennai
- Convenor** : **Dr.B. Poornaiah, HoD&Professor**
- Coordinator & Coordinator** : **Dr. B. Rambabu, Professor & Mrs K Pavani, Asst. Professor**
- Target Audience** : B.Tech. EIE Students
- No. of Participants** : 48 (II EIE & III EIE)
- Objective of Event** : Two weeks certification program mainly focused on “Industrial Automation” (PLC and SCADA) simulation using SI software. The key goal of the workshop is to enable attendees to become more familiar with industrial automation aspects by developing PLC logic, SCADA graphical User Interface and to develop a better understanding of design considerations for monitoring and controlling various process parameters in industries.
- Outcome of Event** : After completion of the certification program, students could be able to understand how to monitor and control the process parameters for both analog and digital input/output conditions using PLC simulation software for different applications like controlling the motor ON/OFF conditions depending

on the tank levels, timer/buzzer ON/OFF depending on the temperature conditions in a plant etc.

Feedback

Strength: Hands-on session, Resource persons.

Weakness: Small size PLC's were brought (<500 I/O's)

How to overcome weakness for upcoming event

Next time we will go for large size PLC's (>500 I/O's).

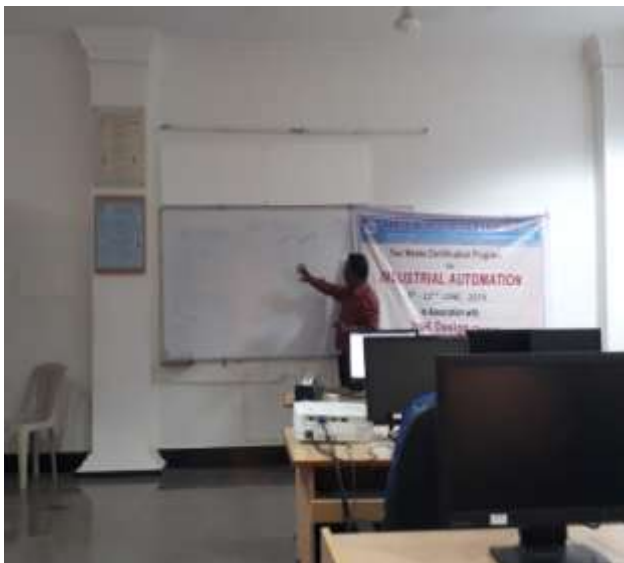
Photographs : Attached below (Inaugural session, hands-on session, valedictory, Certificate Distribution etc).



Inaugural Session

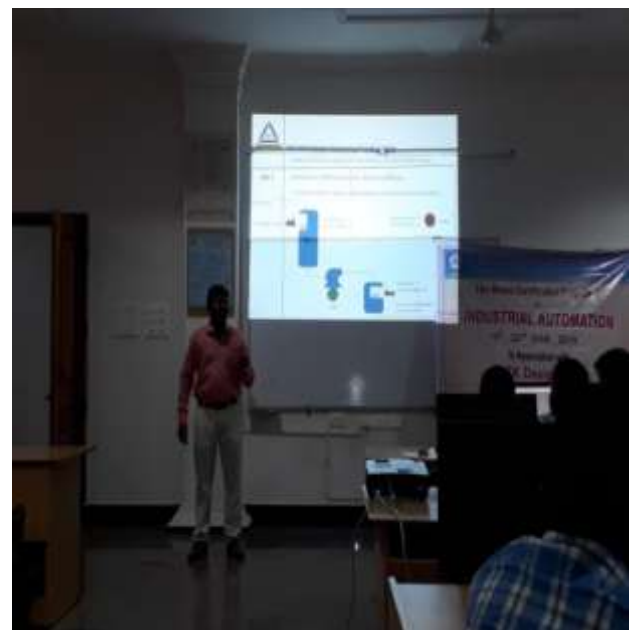


Poster for the Certification Program



Overall review of the Program by Resource Person

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Lecture by the Resource Person 2



Hands-on session



Hands on Session



Certificate Distribution



Certificate Distribution

Head of the Department