



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Two Days workshop on "PLC Automation and SCADA"

GUESTS: Mr. Sakthianand and Mr. Sathamoorthy from VI Microsystem Pvt., Ltd

DATE: 17.09.2018 & 18.09.2018

TIME: 10 AM

VENUE: Power Electronics Lab, EEE Department

ORGANIZER: Dr BHASKAR.K. B, Asso. Prof./EEE, HOD

ATTENDING STUDENTS: II Year & III Year EEE Students

ABOUT THE GUEST:

Mr. Sakthianand and Mr. Sathamoorthy from VI Microsystem Pvt, Ltd. Chennai

OBJECTIVE OF THE PROGRAM:

- To create basic understanding PLC and SCADA
- To Gain Knowledge of PLC & SCADA applications in Industries
- To understand the hardware aspects of different systems and their automation
- To design and program instruction: logic gates operations
- To understand concepts of Timer, counter and Flip Flop
- To perform HMI (Human Machine Interface, Simulation)

HANDS ON TRAINNING

- Introduction to PLC Automation and SCADA
- Introduction of Simens PLC S7 1200 Hardware's
- Different types of Programming Languages in PLC
- Different I/O Module involved
- Programming Instruction: Logic Gates, Flip Flop, Timer and Counter
- Analog to Digital Converter
- Stepper motor Interfacing
- Sensor Interfacing and HMI

STUDENT FEEDBACK

All the output from interfacing systems are really amazing and the simulation session also very useful

GUEST FEEDBACK:

The student's attitude is very good to understand the concepts, it's very nice sessions with the Adhi students here at adhi college.

PHOTO GALLERY:



