SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

Sree Sainath Nagar, Tirupati – 517 102, A.P.

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

SVEC/EIE/STP/2019   28.08.2019

REPORT

A Staff Development Programme on "**PLC & HMI**" is conducted in Department of EIE during 26-08-2019 to 27-08-2019.

The resource persons are **Mr. G. Hemanth Kumar & Mr. C. Somasundar Reddy,** Assistant Professor, Dept. of EIE, Sree Vidyanikethan Engineering College.

The following topics were covered.

1. Introduction to PLC
2. PLC Ladder programming using gates
3. PLC Timers and counters
4. Applications of Timers and Counters
5. Hands on Programming
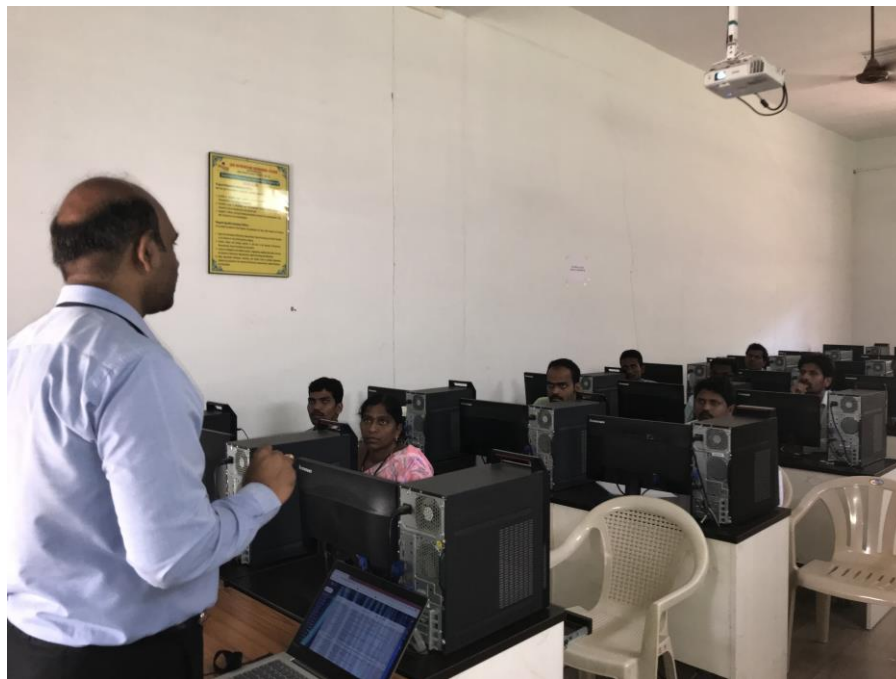6. Introduction to HMI
7. Applications of HMI

The Outcomes of the program:

1. Simulate data interactions through a software simulations.
2. Visualize the PLC & HMI in both logical and physical modes.
3. Apply skills through practice, using lab activities.
4. Develop critical thinking and problem-solving skills in Real time applications.

A Total of 25 Technicians from various departments have attended, benefitted from the STP and are expected to perform well in PLC.

Dr. N. Gireesh, HOD, Department of EIE delivering the Welcoming Address

Cross section of participants

Mr.G. Hemanth Kumar, M.Tech.,(Ph.D)
Asst.Professor, Dept. of EIE, SVEC