



A SEMINAR ON “INDUSTRIAL AUTOMATION” BY PROLIFIC SYSTEMS & TECHNOLOGIES ON 24/01/2018

The Department of Electrical Engineering had organized a Seminar on “Industrial Automation” on 24/01/2018 at SNPIT&RC, UMRAXH. The seminar was started with a welcome note about Industrial Automation and Prolific Systems & technologies by Prof. Dhruva Patel, I/C Head & Assistant Professor, Department of Electrical Engineering.

The students of final year Electrical Engineering and faculty members of the department of Electrical Engineering were present for the seminar at 10:30 am. The resource person from Prolific Systems & Technologies, Mr. Tushar Shedge, Business Development Manager presented the seminar from 10:45 am to 02:30 pm on the following topics:

- PLC: Programmable Logic Controller
- Siemens PLC Ladder logic Programming.
- SCADA: Supervisory Control and Data Acquisition
- DCS: Distributed Control System
- VFD: Variable Frequency Drives
- HMI: Human Machine Interface

The HOD of department of Electrical Engineering Prof. Dhruva Patel, Assistant Professor spoke about the importance of Industrial Automation and made understood the need for this seminar. The resource Person, Mr. Tushar Shedge, Business Development Manager continued with the introduction to automation in industries, impact of automation and current emphasis of developed automation in industries, followed by the main tools of automation which are, Artificial Neural Network (ANN), Distributed Control system (DCS), Human Machine Interface (HMI), Supervisory Control and Data Acquisition. Programmable Logic Controller (PLC), Instrumentation, Motion Control and Robotics and mentioned about the advantages and disadvantages about the development in industrial automation. Then we finally concluded the developments in industrial automation socially and economically.



SITARAMBHAJ NARANJJI PATEL

INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE, UMRRAKH

A Vidyabharti Trust Institution
Vidyabharti Campus, At. Ta. Bardoli, Dist. Surat-394345
Ph.02622-224581, 220581 Fax : 02622-227481,225458
Email : admin@snpitrc.ac.in, vbtdegree_umrahk@yahoo.co.in
Visit us on : www.snpitrc.ac.in



Students of IV year Electrical Engineering attended the Seminar



The students' questions were explained for clear understanding