



IEEE – MVSR STUDENT BRANCH
Student Branch Code: 12161 , School Code: 41329276

Workshop on “INDUSTRIAL AUTOMATION USING PLC AND SCADA”

IEEE MVSR SB -PES in collaboration with MEPAC had conducted a two day workshop on “INDUSTRIAL AUTOMATION USING PLC and SCADA” on 20th and 21st March 2018.

Student Branch Mentor:

Dr. Atul Negi,
Professor, School of CIS,
University of Hyderabad.

Student Branch Advisor:

Mr V. Ashwini Kumar,
Assoc.Professor, IT Dept.
MVSR Engineering College.

Student Branch Counsellor:

Dr. D. Hari Krishna
Assoc. Professor, EEE Dept.,
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WIE Student Branch Advisor:

Mrs Dr. G. Kanaka Durga,
Principal,
MVSR Engineering College.

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The event began by Head of the Department of EEE Dr. D V M CHARY, address the gathering by introducing the MEPAC 3 speakers Mr. E. Venkat Ramana and Mr. Md. Inayath Ali, Senior Automation Engineer to students.



The session was started by Mr. E. Venkat Ramana who gave detailed explanation on the following topics:

- Updates in automation technology used in industry
- Programming Logic Control (PLC)
- Distributed Control System (DCS)
- Drives, communication
- Supervisory Control and Data acquisition (SCADA)
- Human Machine Interface (HMI)

Participants were also given hands-on practical exposure by conducting lab sessions in the afternoon.





On 2nd day of the workshop the speaker Mr. Md. Inayath Ali explained theory concepts on INDUSTRIAL AUTOMATION. Prototypes and demos related to PLC were also shown to the students like

- Bottling industry prototype and they explained about processing that takes place in bottling industry
- Filling of cool drinks in bottle which shows of selection and rejection of bottles take place

Finally, they explained some practical aspects of PLC and SCADA and how they are used in industry.



The session ended by vote of thanks given by Dr. D. Hari Krishna. Dr. D V M CHARY, EEE HOD presented mementos to the MEPAC team. Students gained knowledge and practical exposure about PLC and SCADA as it is useful for them in future projects.

REPORTED BY:
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