

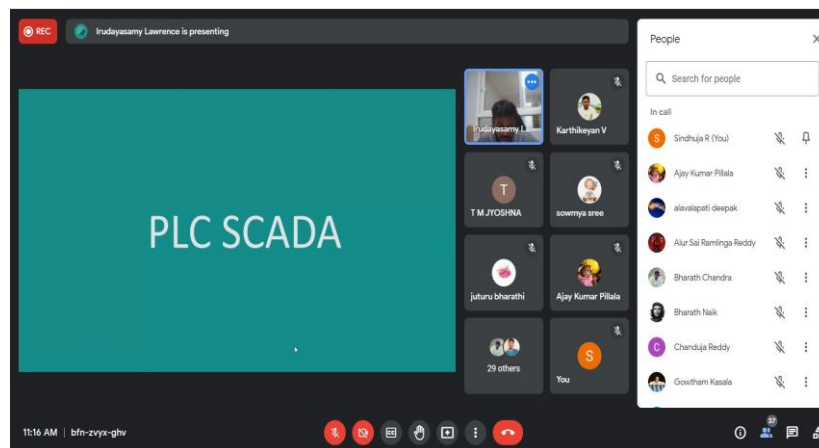
“INDUSTRIAL AUTOMATION WITH PLC AND SCADA”
Under IEEE-WIE Affinity Group, ISTE Student Chapter and IEEE Student Chapter
(26-12-2021)

REPORT

An Expert talk on “**INDUSTRIAL AUTOMATION WITH PLC AND SCADA**” was organized under IEEE-WIE Affinity Group, ISTE Student Chapter and IEEE Student Chapter by Department of Electrical and Electronics Engineering, Sree Vidyanikethan Engineering College, Tirupati for the benefit of undergraduates Students.

Ms.R.Sindhuja Assistant professor, Dept of EEE, delivered welcome address and Dr.M.S.Sujatha Professor and Head, Dept of EEE, Addressed the participants. Mr.V.Karthikeyan.AP/EEE, Delivered speaker profile and handed over the session to the speaker.

The Speaker of the session was **Mr.Irudayasamy Lawrence**, Automation engineer, Volt automation PLC, QATAR. He addressed the aspiring students on 26th DEC, 2021. The session started with the welcome note by speaker of the session.



The speaker started the session stating the importance of PLC and SCADA in automation field while it may not be possible to attain total objectivity about oneself; there are certainly degrees of self-awareness.

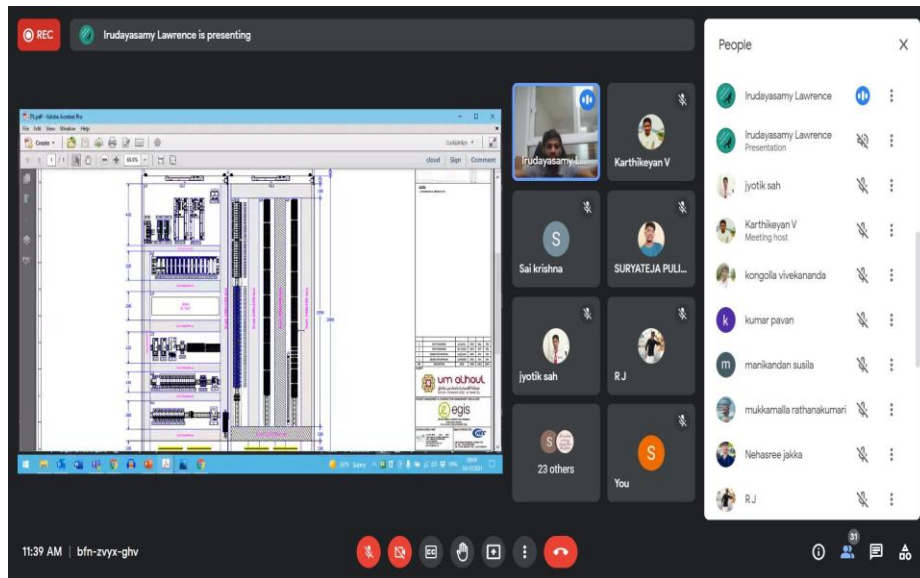
During this lecture students participated actively and gained knowledge on automation area using PLC and SCADA software's. They learnt how to program PLC controllers for various tasks and monitoring a plant using SCADA software. The speaker has shown live demonstration of PLC KIT working in a plant.

Advantages of PLC and SCADA:

Flexible in Nature: One model of PLC can be used for different operations as per Requirement.

Easy to install and troubleshooting: In hard wired relay based systems, installation Time is more as compared to the PLC based control panels.

Also Speaker given tips to the students how to enter in automation field.



Demonstration

After that questions and interaction session was held in which participants also interacted about the information of PLC AND SCADA project activity used for their Project works.

Around 45 participants have attended the expert lecture and got benefited. Mr.V.Karthikeyan, Assistant Professor, Department of EEE- SVEC extended her hearty thanks to all the participants for their active participation.

Details of Speaker

Mr.Irudayasamy Lawrence
Automation Engineer,
Volt Automation WLL
QATAR.

Mr.V.Karthikeyan
Convener –AP/EEE.
Ms.R.Sindhuja
Mr.K.Manikandan
Co-Convener –AP/EEE.