



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



**VINAYAKA MISSION'S
RESEARCH FOUNDATION**
(Deemed to be University under section 3 of the UGC Act 1956)



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Report on Employability Enhancement course Program on “Application of DCS in industrial Automation”

The Department of Electrical and Electronics Engineering in association with Institution of Engineers and Power projects organized a Employability Enhancement course Program on “Application of DCS in Industrial Automation” from 09/05/2023 to 13/05/2023.

Event started at 9.30 AM. Dr. L.Chitra, Asso. Prof.& Head, EEE has delivered the Welcome and Presidential address, Mr.S.Prakash, AP(Gr-II), EEE introduced the guest speaker of the day Mr.R.Karthick, Infercon Automation Pvt Ltd, Chennai.

Then, Speaker delivered the lecture on the topic PLC vs DCS. He started the session by giving an overview about the DCS and Process control. The session concluded with a interactive session by the speaker with the participants.



The session mainly covered following key points:

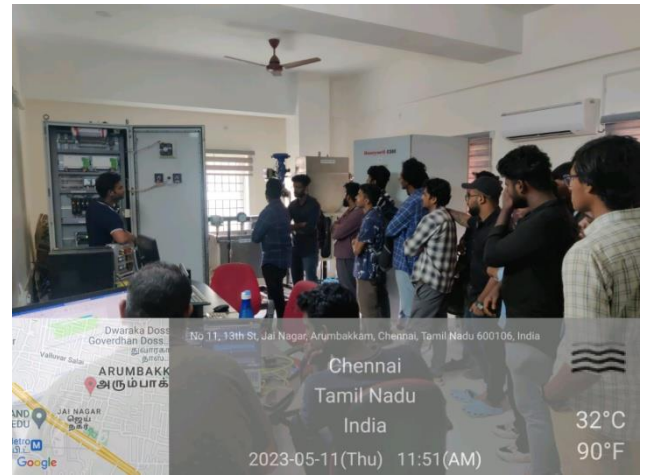
- ❖ PLC vs DCS
- ❖ Architecture Of PLC
- ❖ Classification Of PLC Based On Power Supply
- ❖ Types Of PLC
- ❖ Introduction - Process Control
- ❖ Introduction To DCS

- ❖ Heart Of The DCS System (HMI/SCADA)
- ❖ Different Types Of Redundancy
- ❖ Architecture Of PLC
- ❖ Classification Of PLC Based On Power Supply
- ❖ Types Of PLC
- ❖ Evolution Of Automation



During the program, students were taken to Infercon Automation Pvt Ltd, Chennai for three days training Program.





There were around 22 participants in the session. The session concluded with an interactive session by the speaker with the participants. Vote of thanks was presented after the interaction.