

Process Control Lab

Generally, anything that requires continuous monitoring of an operation involves the role of a process engineer. The main focus of the lab is to design and implement controllers for different processes and also modeling of the process in such a way that the system provides an optimum performance.

The experiments conducted in the laboratory impart training and practical testing of the equipments which offer students the right kind of exposure and provide them ample opportunity to apply their knowledge in practical scenarios.

This provides real-time understanding of various instruments which makes them fit enough to work in industries.

➤ Lab in-charge: Mr.D.Deivasigamani, AP/EIE

Total cost of the laboratory Rs. 8.5 lakhs

List of major equipments:

- First order and second order system
- Master unit with analog PID,FG and process simulator panel-CE1
- Interacting & non-interacting system
- Control valve characteristics(linear+equal%+quick) valve positioner – PSP 318
- Flow control trainer
- Level control trainer
- Temperature control trainer
- Pressure control trainer
- Multiprocess trainer-SCADA
- XPO-PID
- Single phase monoblock 1.0 HP Aircompressor



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