

Siemens PLC Automation Laboratory

Main Objectives of Siemens PLC Automation Lab are

- To offer training programs to the students of KUMARAGURU COLLEGE OF TECHNOLOGY and neighboring Institutions for SIEMENS PLC & INDUSTRIAL AUTOMATION.
- Create a platform for students to simulate conditions of live projects in the automation lab and study the behaviour.
- Able to work with different communication protocols used in the industrial automation field.
- To Play a major role in establishing a New PG Diploma course in Industrial Automation System Design.
- To help the students to become future ready engineers
- To help the SME s to solve their problems related to Automation

Students and Scholars can

- Learn in-depth, the working and programming of PLCs
- Build applications of PLCs
- Do research work

Faculty Members can

- Do consultancy work for industries
- Do research work
- Conduct hands on training Programs for students of neighbouring institutions and industry personnel





Major Equipment

- Simatics S7 1200 PLC with HMI(6 Units)
- Simatics S7 1500 PLC(2 Units)
- Siemens Logo PLC(3 Units)
- Nineteen Computer Systems

Utilization

- Integrated with curriculum
- Faculty development Programs
- Value added Programs for students and industry personnel
- Project and Product development by student

Odd Semester

- U15EIIN02- PLC - One Credit Course
- U15EIIN03- Field Instruments and Process Control Instrumentation