



ANDHRA PRADESH STATE
Skill Development Corporation



SIEMENS

Automation Lab

Programming capabilities, Communication capabilities, Hardware configuration capabilities

Features of the Lab:

- ❖ This Lab has equipped with PLC (S7-1200 and S7-300), SCADA and HMI Panels with Accessories.
- ❖ This Lab is fully integrated with Electronic, Electrical and Process instrumentation applications

Significance of the Lab:

After successfully completing this course, Participants can be able to:

- ❖ Understand Automation & System Overview, Engineering Software TIA Portal.
- ❖ Understand Different Logic Gates, Circuit diagrams, Timers, Counters, FC's, OB's, DB's and PLC Tags.
- ❖ Write Ladder program for various applications
- ❖ Communicate between PLC's
- ❖ Understand Control Strategies
- ❖ Configuration, Interface of Engineering System.
- ❖ Create Alarm Configuration, Trends.
- ❖ Create user administration.