



Andhra Pradesh State Skill Development Corporation



Basics of PLC

Definition and Block diagram of PLC



Definition and Block diagram of PLC

- PLC = A **Programmable Logic Controller**, or **Programmable Controller**
- PLC is a digital computer used for automation of typically industrial Application.
- A PLC is an electronic device that takes input from the plant / machine via sensors and transmitters, executes the logic programmed in its memory and generates the useful outputs on actuators to control plant / machine
- PLCs are designed for multiple arrangements of digital and analog inputs and outputs.



