



ANDHRA PRADESH STATE
Skill Development Corporation



SIEMENS

Robotics Laboratory

Robotics is an interdisciplinary branch of engineering and science that includes mechanical engineering, electronic engineering, information engineering, computer science, and others.

Robotics deals with the design, construction, operation, and use of robots, as well as computer systems for their control, sensory feedback, and information processing.

Features of the Laboratory

This Laboratory Consists of

- ❖ Material Handling Robot (ABB IRB 140) and controller (IRC5)
- ❖ Spot Welding Robot (ABB IRB 6700) and controller (IRC5)
- ❖ Arc Welding Robot (ABB IRB 1520ID) and controller (IRC5)

Significance of the Laboratory

This Laboratory is suited for designers, engineers, manufacturing engineers, application programmers, Process Engineers, CAD/CAM managers, and Robotic Technicians and Scientists who need to manage Robots for industries.