



ANDHRA PRADESH STATE
Skill Development Corporation



SIEMENS

Lift Installation Laboratory

Lift installation & maintenance lab trains students on installation methods of elevators(Lift). This lab also involves in training of elevator maintenance including safety precautions.

Features of the Laboratory

This Laboratory Consists of

- ❖ Elevators
- ❖ Elevator Installer
- ❖ Escalator

Significance of the Laboratory

- ❖ A Lift is a type of vertical transportation that moves people or goods between floors (levels, decks) of a building, vessel, or other structure.
- ❖ Lifts are typically powered by electric motors that either drive traction cables and counterweight systems like a hoist, or pump hydraulic fluid to raise a cylindrical piston like a jack.
- ❖ In agriculture and manufacturing, a Lift is any type of conveyor device used to lift materials in a continuous stream into bins or silos.
- ❖ Several types exist, such as the chain and bucket Lift, grain auger screw conveyor using the principle of Archimedes' screw, or the chain and paddles or forks of hay Lifts.
- ❖ Languages other than English may have loanwords based on lift. Because of wheelchair access laws, Lifts are often a legal requirement in new multistory buildings, especially where wheelchair ramps would be impractical.