



# Andhra Pradesh State Skill Development Corporation



## AutoCAD(CIVIL)

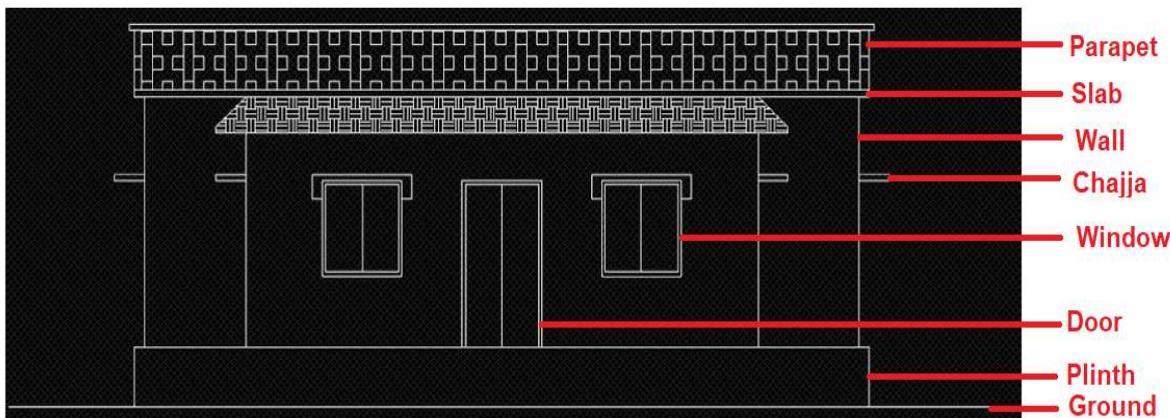
### Building Elevation



## PLANNING OF RESIDENTIAL BUILDING BUILDING ELEVATION

### Elevation View:

- Plans and elevations are 2D drawings of a 3D shape. An elevation is the view of a 3D shape when it is looked at from the side or from the front.
- Elevations are orthographic projections of interior and exterior faces of a building.



### Process of Creating an Elevation View:

By using draw tools and modify tools we create the elevation view

Take the reference lines of walls, windows, doors from the plan view by using Line (L) or Construction line (XL) commands

- **Ground**  
It is the base level of the building.
- **Plinth**  
It means the portion of a structure between the level of the surrounding ground and level of floor, immediately above the ground.
- **Floor Height**  
The vertical distance measured from the floor surface to the slab surface.
- **Slab**  
A concrete slab is a common structural element of modern buildings, consisting of a flat, horizontal surface made of cast concrete.
- **Parapet**  
A low wall or railing built along the edge of a roof or floor.
- **Door**  
Door, Center Opening Sliding - A door which slides horizontally and consists of two or more panels which open from the center and are usually so interconnected that they move simultaneously.
- **Window**  
An opening to the outside other than a door, which provides all or part of the required natural light or ventilation
- **Chajja or Lintel:**  
Chajja means a sloping or horizontal structural overhang usually provided over openings or external walls for providing protection from sun and rain or from architectural consideration.