



Andhra Pradesh State Skill Development Corporation



AutoCAD(CIVIL)

Modify Tools Part-2

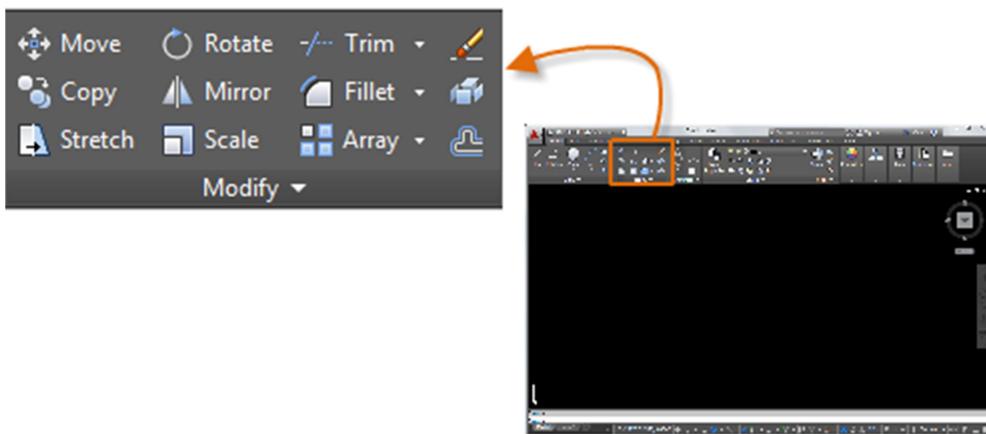


MODIFY PANEL

MODIFY TOOLS PART-2

Modify Tools

Modify Panel is a part of Ribbon Panel. We can modify any drawing by using Modify Panel commands. It is used for the editing of any existing drawing.



Stretch (S--Enter)

By this command, one can move some parts of drawing with maintaining the connection with other parts.

Process of using Stretch command:

- Select Stretch command from modify panel or S enter
- Select the part of the object which you want to stretch by cross window selection method—Enter
- Specify the base point
- Drag the mouse in that direction where you want to stretch.

Scale (SC--Enter)

By this command, one can enlarge or reduce the objects. The length and width of objects would be enlarged or reduced at the same size.

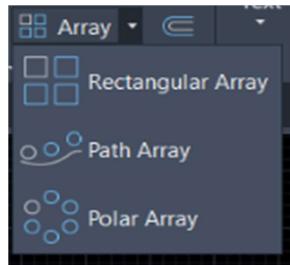
Process of using Scale command:

- Select scale command from modify panel or SC enter
- Select the part of the object which you want to enlarge or reduces.—Enter
- Select base point
- Enter C (copy) or Enter R (reference)
- Drag the mouse and scale that object (or)
- Type the scale factor value –Enter



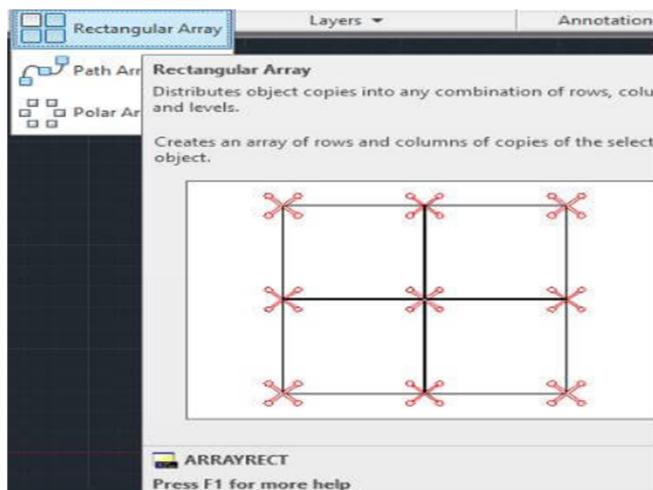
Array (AR--Enter)

It creates multiple copies of any objects. We can create multiple copies of objects in the rectangular array, polar array or path array.



A) Rectangular Array:

It makes copies of any object in rows and columns.

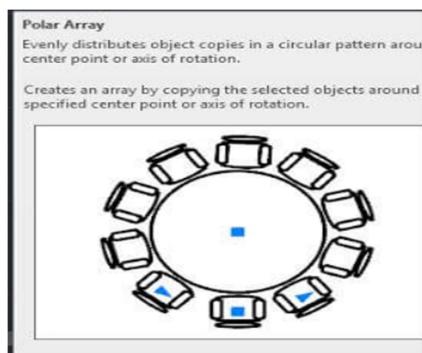


Process of using Rectangular Array:

- Select Array Command
- Select object—Enter
- Select Rectangular Array
- Modify values on the Array context ribbon.

B) Polar Array:

It makes copies of any object around the center point in the circular pattern.





Process of using Polar Array:

- Select Array command
- Select object
- Select Polar Array
- Pick center point
- Modify values on the Array context ribbon.

C) Path Array:

It makes copies of an object along a Path. One can make a path array in line, polyline, spline, and arc.

Process of using Path Array:

- Select Array command
- Select object
- Select Path Array
- Select path curves.
- Modify values on the Array context ribbon.

Offset (O--Enter)

By this command, one can create parallel copies of any line, circular copies of any circle at a specified distance

Process of using Offset Command:

- Select offset Command or O--Enter
- Enter D (distance).
- Type distance.
- Enter.
- Select object.
- Move the mouse in that direction where you want to be offset.