



Andhra Pradesh State Skill Development Corporation



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AUTOCAD(CIVIL)

User Interface of AutoCAD

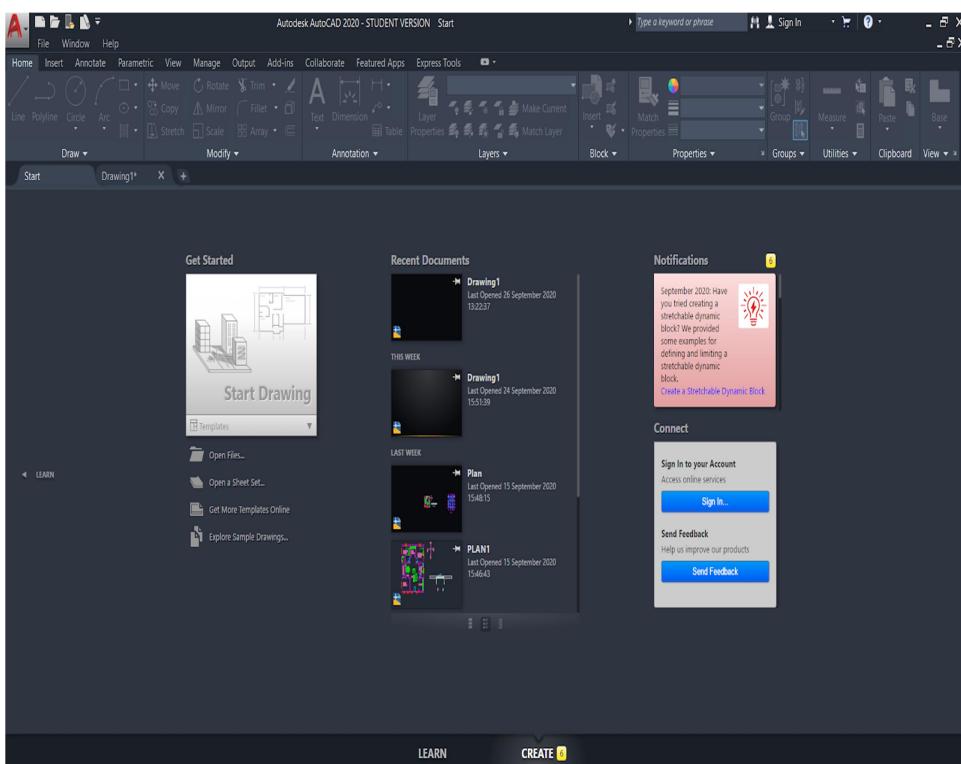


WORKING ENVIRONMENT OF AUTOCAD

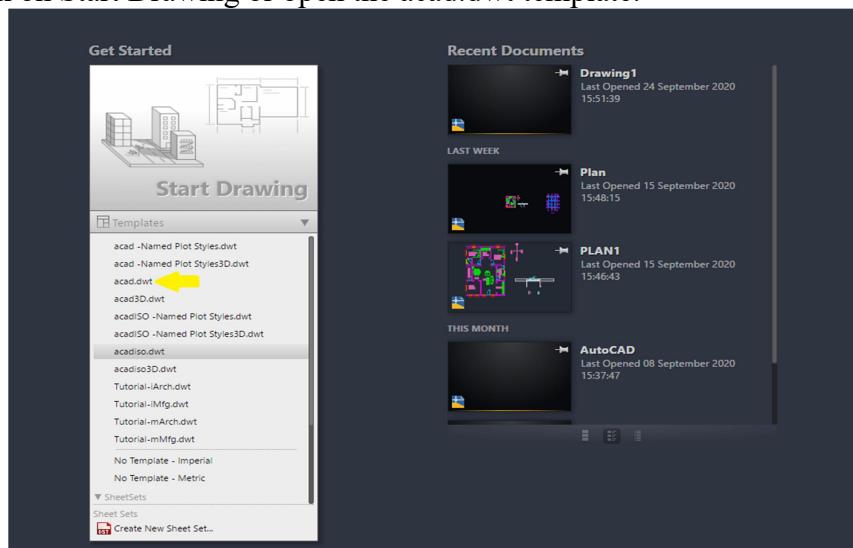
USER INTERFACE OF AUTOCAD

AUTOCAD WELCOME PAGE:

When you start AutoCAD After installing you will be presented with a Welcome Screen. It shows like below figure. In this page all tools are in hide mode. To access those commands or tools we have to start the drawing.



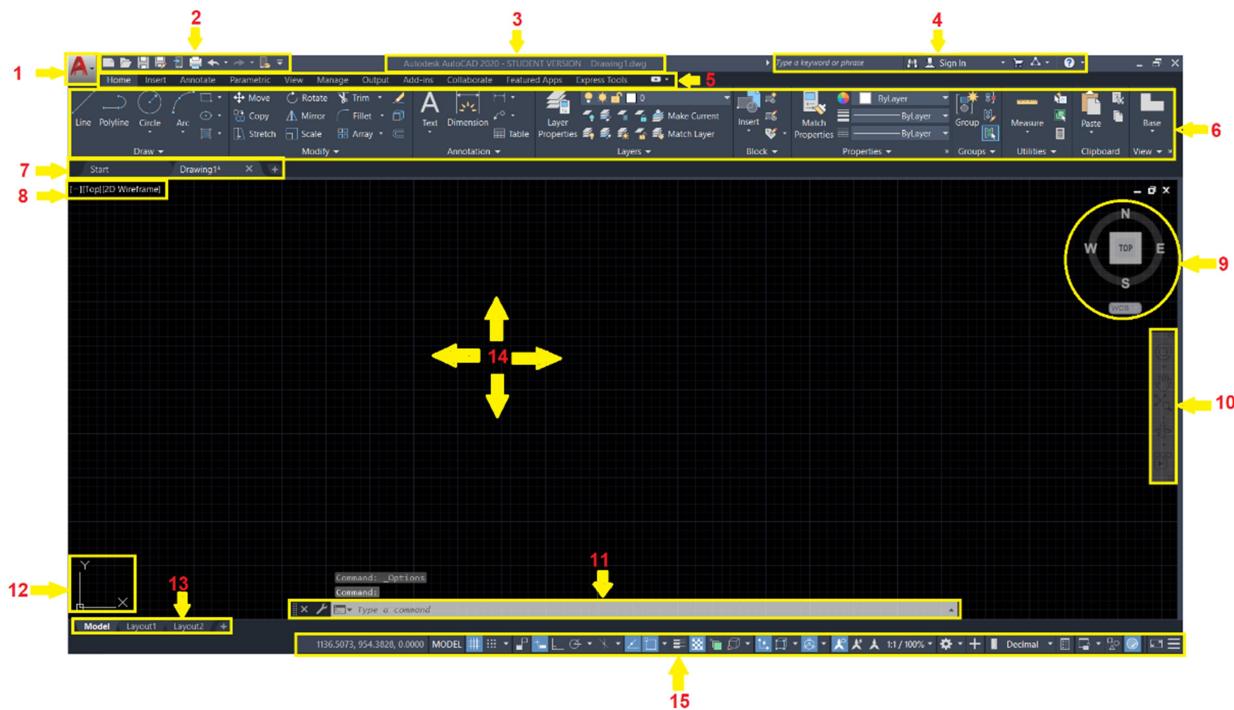
For this click on Start Drawing or open the acad.dwt template.





AUTOCAD USER INTERFACE

User Interface is store commands that you frequently access in AutoCAD. For Better understanding I have divided into 15 parts.

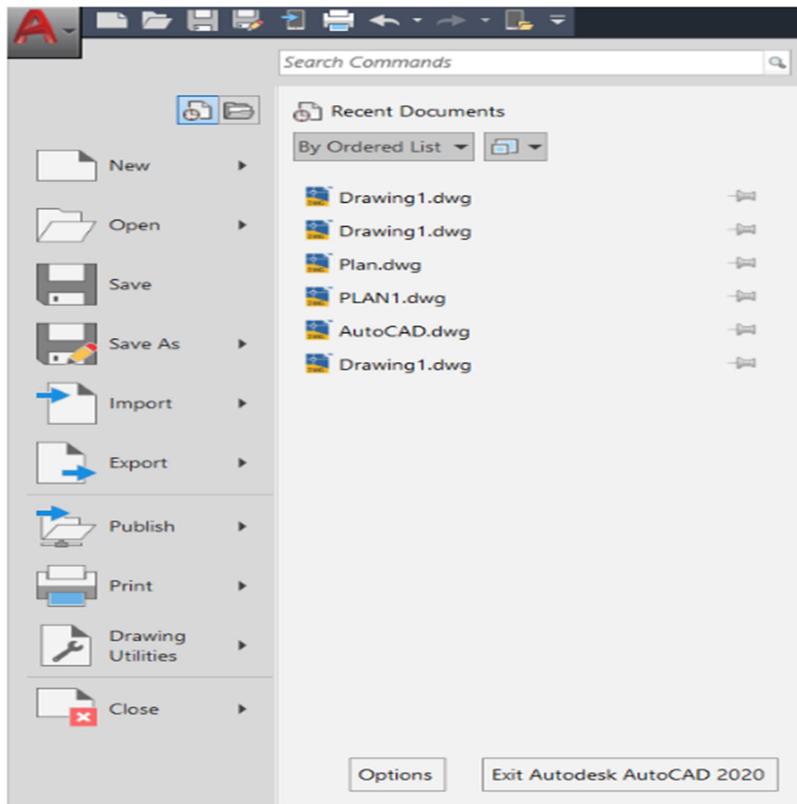


Those are:

1. Application Menu Bar(Logo of AutoCAD)
2. Quick Access Toolbar
3. Title Bar
4. Information Centre
5. Menu Bar/Ribbon View
6. Ribbon Tools
7. File Tabs
8. Viewport Control
9. View Cube
10. Navigation Bar
11. Command Line/Command Panel/Command Prompt
12. UCS Icon
13. Layout Tabs
14. Drawing Area/ Workspace
15. Status Bar

Application Menu Bar

This is the first thing you see on launching AutoCAD, located in the far left corner at the top of the screen. It is represented by a big red “A” button with a downward facing black arrow. Single-clicking this button opens a drop-down menu which contains some number of the same options in the quick access toolbar, and more. More importantly, it contains links to most recently opened drawings and sheet sets. With the click of a button you can change this to a list of currently open drawings.



A. New

This option is used for creating a new drawing sheet.

B. Open

This option is for opening existing drawing files.

C. Save

By using this option we can save the drawing file.

D. Save AS

By using this option already saved file again we can save in different locations.

E. Import

By using this option we can import other format files into AutoCAD.

F. Export

By using this option we can export the AutoCAD file into different formats.

G. Print

We can use this option to convert drawing files to PDF format.

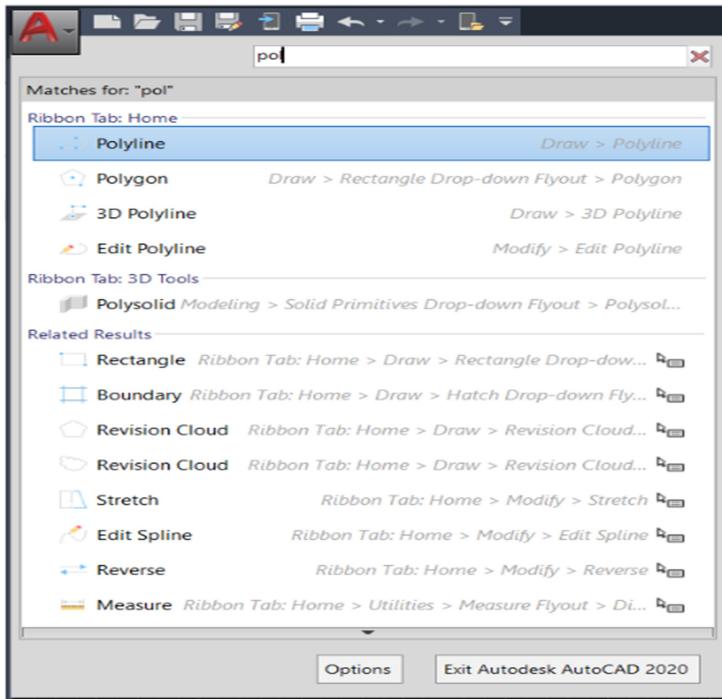
H. Close

By using this option we can close the present active drawing file.

I. Exit Autodesk AutoCAD

By clicking on this option the entire AutoCAD software will be closed.

Another feature of the Application Menu is the Search Commands part. Here you may type the full name or partial name of AutoCAD commands you are not sure of, and AutoCAD will carry out a search for related commands in the menu. The figure below shows the results you get when you type 'pol' in the Search Commands.

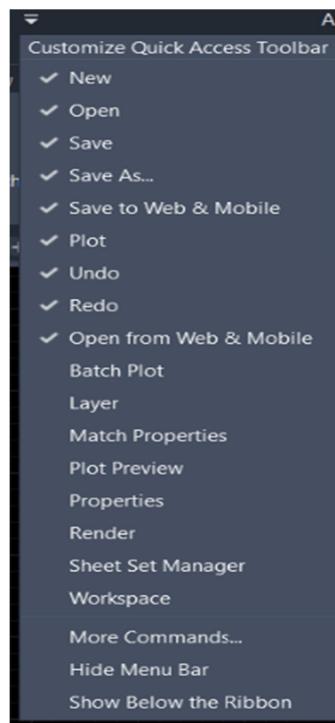


Quick Access Toolbar

This is next to the application menu at the top of the screen in the title bar. By default this window has some tabs like: New, Open, Save, Save All, Plot, Undo and Redo.



You can customize this Quick Access Tool by pressing down the key tab next to the Workspace list.





Title Bar

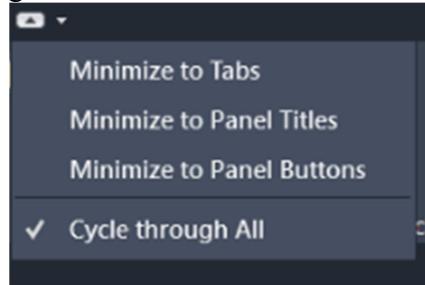
Here you will see your Drawing file name which is open currently.

Information Center

You can search any commands or information by entering any Keywords which links to AutoCAD 360.

Menu bar/ Ribbon view

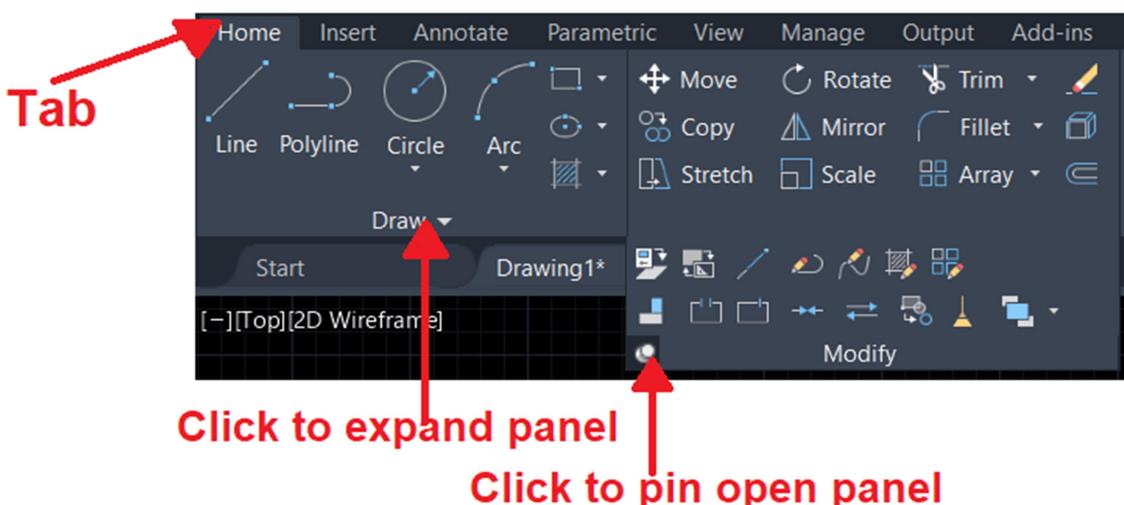
Each menu has different ribbon tools. You can change ribbons Minimized to tabs, Panel Titles, Panel Buttons or Cycle through all



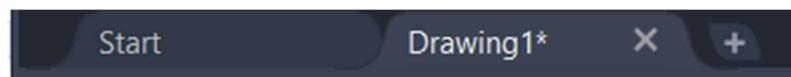
Ribbon Tools

The ribbon is a user interface element that contains various AutoCAD commands arranged in panels and tabs. The tabs are quite powerful. They have panels of commands as well as options that relate to any task at hand

File Tab



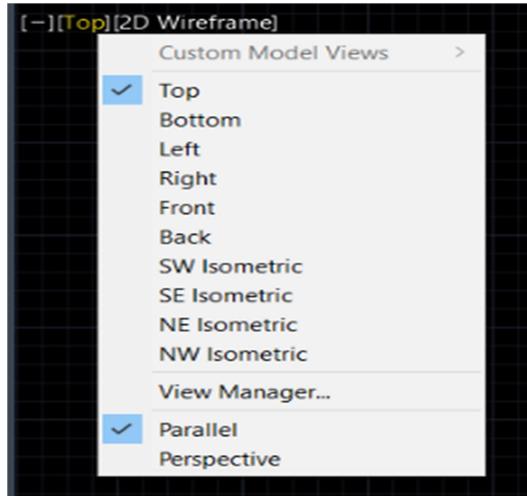
File tabs give access to all open documents. Each document that is open has a tab. Left-clicking on a tab makes it the current open document. Right-clicking on a tab gives access to more options, including Save As and Close. The tab that has a plus sign allows the user to open a new document. File Tabs are located just below the Ribbon. The figure below shows three File Tabs





Viewport Control

This is on Screen Viewport controls form where you can change AutoCAD views and Visual Styles to different options as below.



View Cube

Through view Cube you can see Drawing Elements from Different view direction and you can rotate view



Navigation Bar

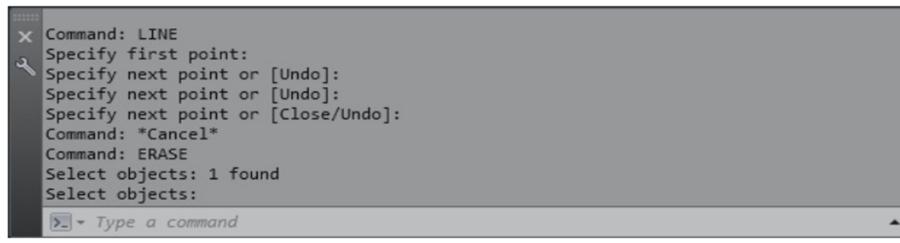
This Navigation bar you can locate on the different side of the AutoCAD window. This contains some additional tools like Pan, Zoom, and orbit





Command Prompt

This is a palette in which you can input command names. It has some fixed number of visible lines. The command line can expand to show more data. The figure below shows an example of a command line

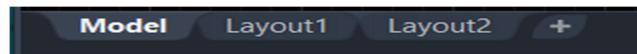


UCS Icon

This is the coordinate of Drawing.

Layout Tabs

Layout tabs give access to different Model Spaces of each Layout in any given document. Left-clicking on a tab to make it the current open layout. Right-clicking on a tab gives you access to more options that include Print, Move, or Rename. The tab that has a plus sign allows the user to create a new layout



Drawing Area/ Workspace

This is the main area of Model where you will create new Drawing elements . This is an infinite space area .

Status Bar

At the bottom of the screen, is the Status Bar. It contains only icons. Several icons, by default, are not enabled, but the user can decide to turn on some of them.

