

IN THE NAME OF ALLAH THE MOST BENEFICENT, THE MOST MERCIFUL.

LEARN AutoCAD



AUTODESK AutoCAD

**ONLINE COURSE AS PER CONSTRUCTION
INDUSTRY BASED METHODOLOGY**

LEARN FROM HOME

PREPARED BY

MOHAMMED SHOUKATH ALI

DME, B-TECH AND PDRAC.

11+ YRS GULF EXPERIENCE.

LET'S GET STARTED



What is AutoCAD ?

- AutoCAD is a Computer-Aided Design (CAD) software and it is developed by Autodesk, Inc. Is an American multinational software corporation that makes software products and services for the architecture, engineering, construction, manufacturing, media, education And entertainment industries.

Founders : John Walker, Dan Drake

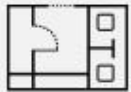
What are the USAGES of AutoCAD ?

- AutoCAD is used for precise 2D and 3D drafting, design, and modeling with solids, surfaces, mesh objects, documentation features, and more. It includes features to automate tasks and increase productivity such as comparing drawings, counting, adding objects, and creating tables.
- **Accelerate your designs in 2D or 3D** Complete your projects faster with AutoCAD's automations and customizations.

ADDING SPECIALIZED TOOLSETS

Power your productivity with seven included toolsets

Across seven studies, customers increased productivity by 63% on average for tasks completed using a specialized toolset in AutoCAD.*



Architecture toolset



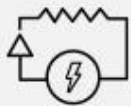
Mechanical toolset



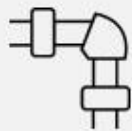
Map 3D toolset



MEP toolset



Electrical toolset



Plant 3D toolset



Raster Design toolset

Anywhere and Anytime Access to AutoCAD

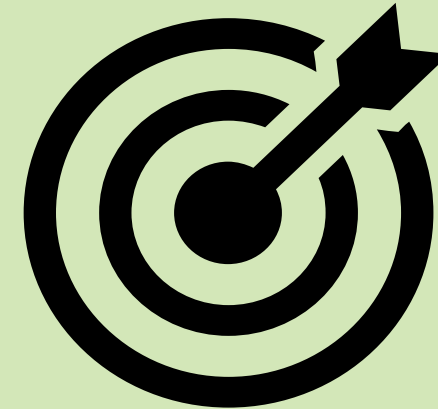
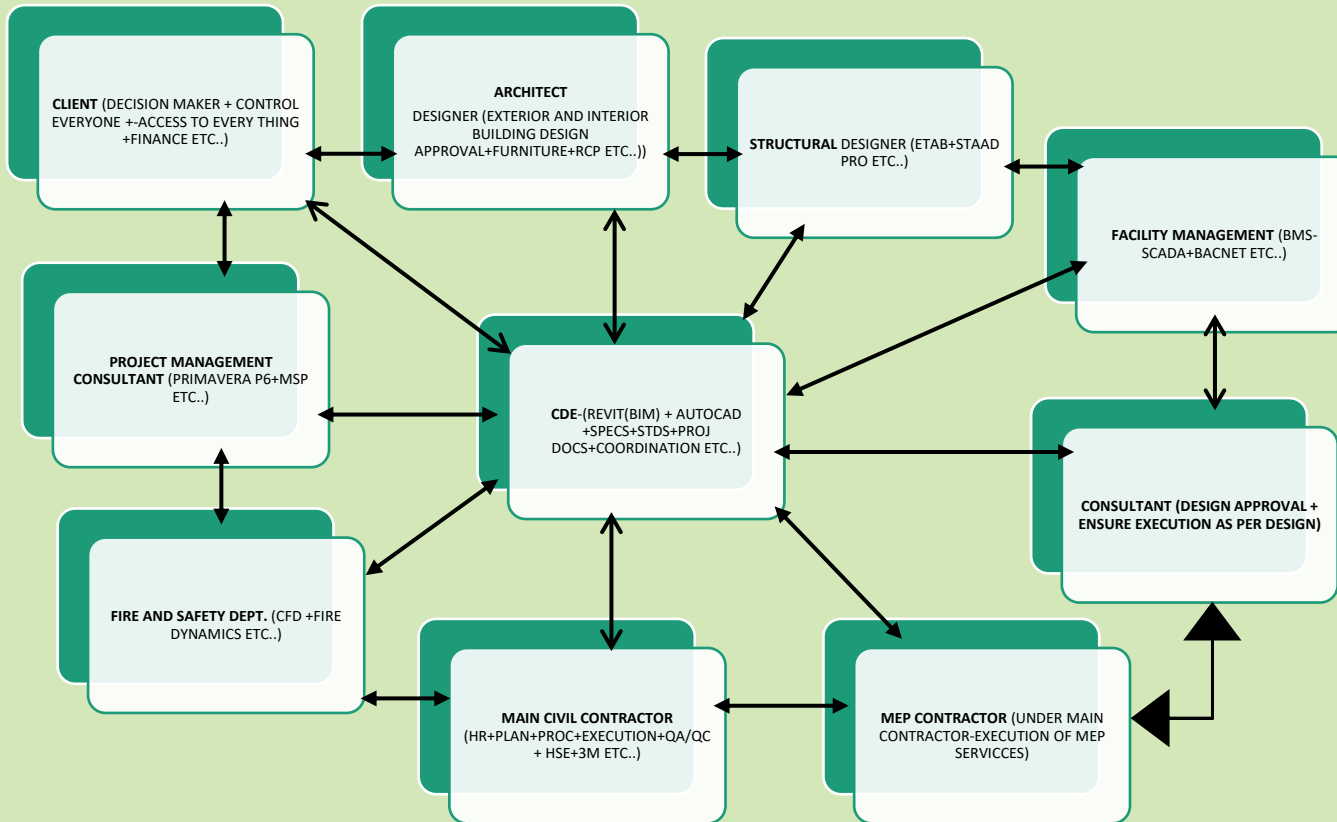
- Enjoy a connected design experience with Autodesk AutoCAD across devices. Create, view, edit, and annotate drawings with AutoCAD on SMART Mobile or on any Computer/Laptop using [AutoCAD on the web](#).
- Power your teams' creativity with the automation, collaboration, and machine-learning features of AutoCAD® software. Architects, engineers, and construction professionals use AutoCAD to:
- Design and annotate 2D geometry and 3D models with solids, surfaces, and mesh objects
- Create a customized workspace to maximize productivity

ADVANTAGES OF AUTOCAD

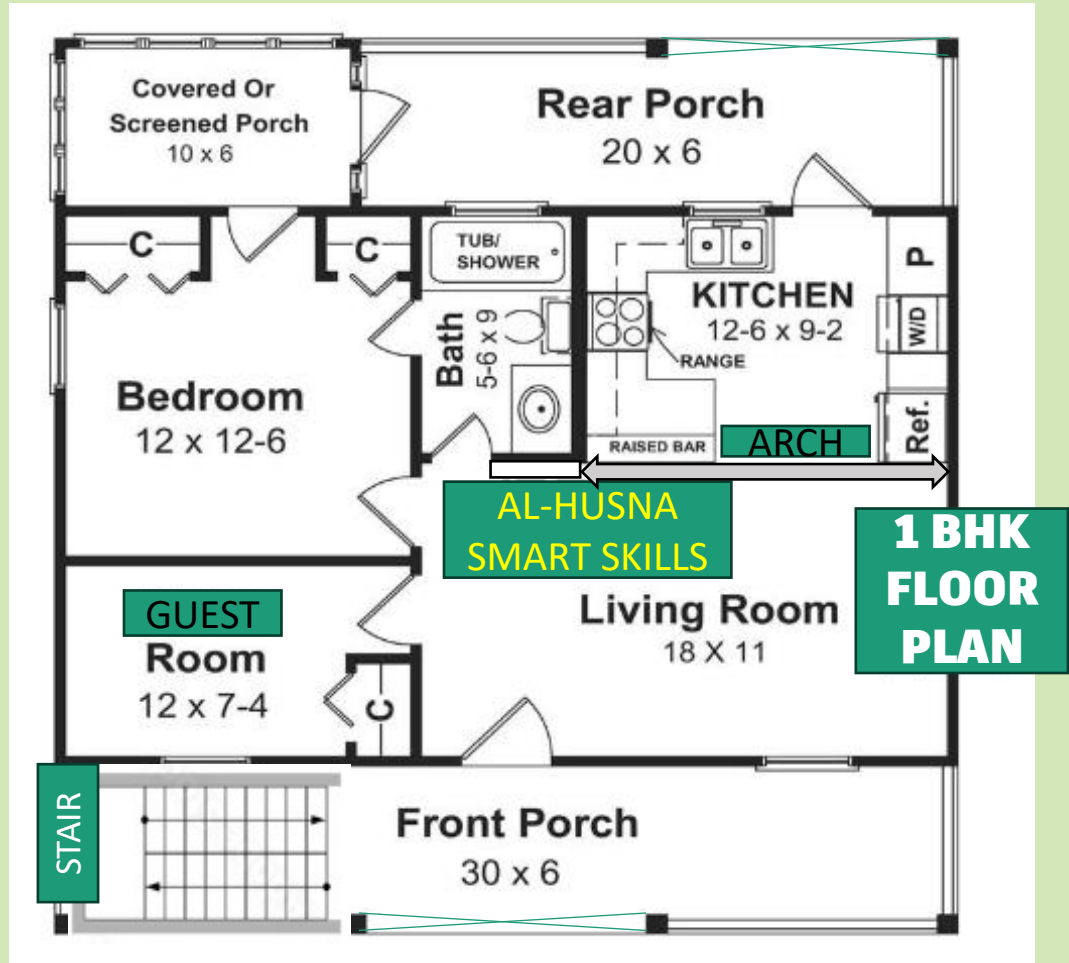
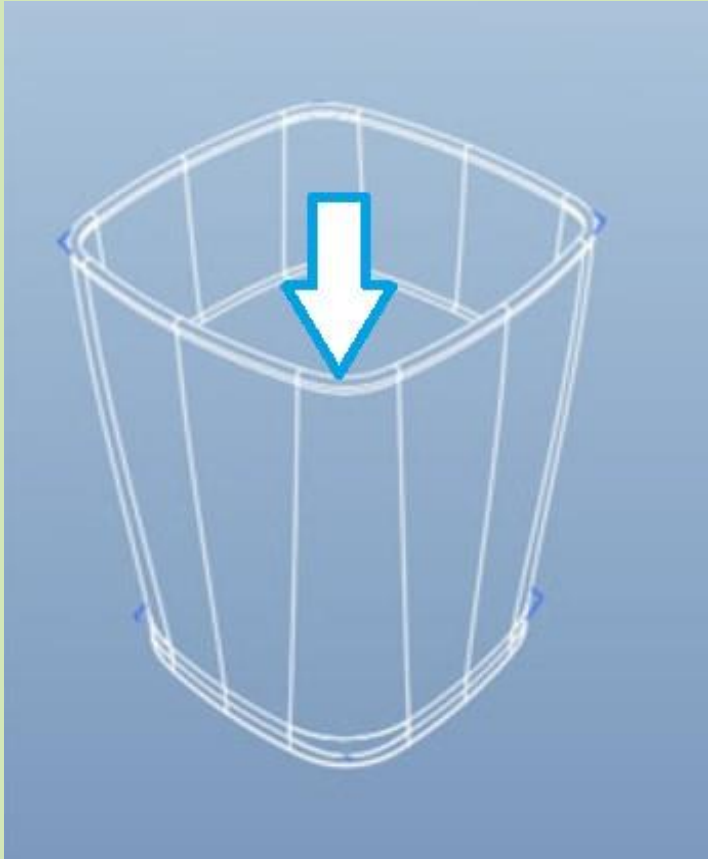
- **DESIGN, MODIFY AND REVIEW**
- **SAVE AND SHARE FOR FUTURE REFERENCE**
- **IMPORT AND EXPORT OF ANY PROJECT DRAWINGS**
- **PRECISION AND SPEEDINESS**
- **COST AND TIME SAVING**
- **MODERATE REWORK**
- **INCREASE PRODUCTIVITY.**



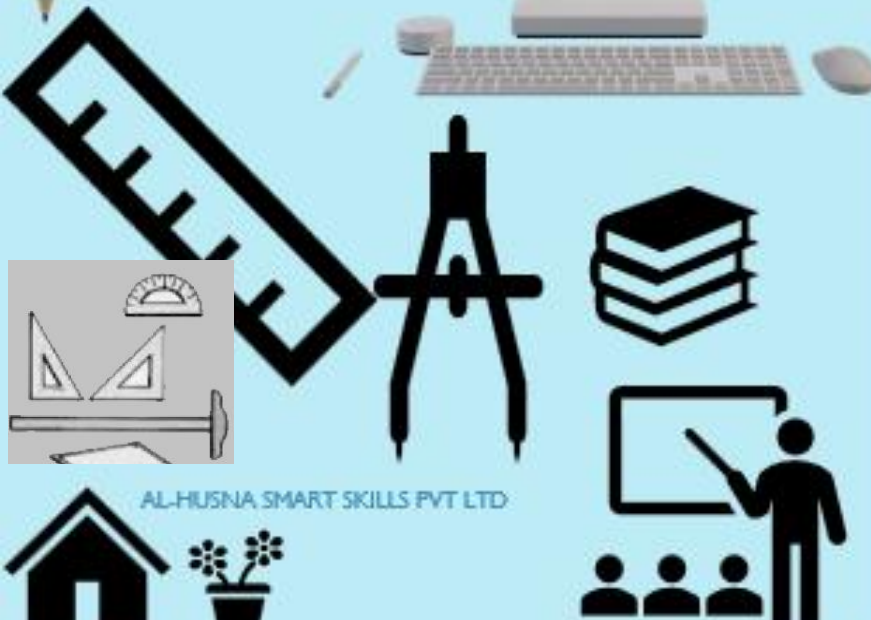
APPLICATIONS OF REVIT(BIM) AND AutoCAD IN BUILDING CONSTRUCTION INDUSTRY



SAMPLE AUTOCAD DRAWINGS



TO LEARN AUTOCAD PRE REQUIREMENTS AND DESKTOP / LAPTOP CONFIGURATION :



AL-HUSNA SMART SKILLS PVT LTD

System requirements for AutoCAD 2024 including Specialized Toolsets (Windows)

Operating System	64-bit Microsoft® Windows® 11 and Windows 10 version 1809 or above. See Autodesk's Product Support Lifecycle for support information.
Processor	Basic: 2.5–2.9 GHz processor (base) ARM Processors are not supported. Recommended: 3+ GHz processor (base), 4+ GHz (turbo)
Memory	Basic: 8 GB Recommended: 32 GB
Display Resolution	Conventional Displays: 1920 x 1080 with True Color High Resolution & 4K Displays: Resolutions up to 3840 x 2160 (with "Recommended" display card)
Display Card	Basic: 2 GB GPU with 29 GB/s Bandwidth and DirectX 11 compliant Recommended: 8 GB GPU with 106 GB/s Bandwidth and DirectX 12 compliant DirectX 12 with Feature Level 12_0 is required for Shaded(Fast) and Shaded with edges(Fast) visual styles. Please be sure to use the latest video card manufacturer drivers from their website. Note: AutoCAD uses your computer's display card for a variety of essential graphics operations including but not limited to view manipulation, line smoothing, and text/linetype generation. It is recommended that you have a display card with dedicated VRAM to support these operations at optimal speeds.
Disk Space	30.0 GB (suggested SSD)



Stay ahead in the Construction Industry! Learn AutoCAD Technical Skills Online with us to keep your skill set Sharp and Ready.

"LearnFromHome"

- COURSE DURATION : 5 WEEKS
- TIMINGS : 2 HRS DAILY (AS PER YOUR COMFORT)
- COURSE COST : 10,000/- INR (INDIA) & 500 SAR (KSA)



AL-HUSNA Smart Skills Pvt Ltd.

MOHAMMED SHOUKATH ALI

E-MAIL : info@alhusnasmartskills.com

/shoukath@alhusnasmartskills.com

CONTACT /  : **+91 8121381984**



<https://www.alhusnasmartskills.com>

**VISIT OUR WEBSITE FOR
MORE INFORMATION**

THANK YOU..!

**LET'S GET STARTED
WELCOME AND HAPPY LEARNING.**