

## **Understand what is the application & 4 different AutoCAD**

### *About CAD*

Computer-Aided Design(CAD) or Computer-Aided Design and Drafting (CADD) can be defined as using computer systems to assist in the creation, modification, analysis, or optimization of a design. (Narayan, 2008)

CAD software is used to increase the productivity of the designer, improve the quality of design, improve communications through documentation, and create a database for manufacturing. (Narayan, 2008)

### *Four AutoCAD products for AEC*

- AutoCAD: the original version of AutoCAD. This version can use architects, project managers, engineers, graphic designers, city planners, and other professionals.
- AutoCAD Architecture: a version of Autodesk's flagship product, AutoCAD, with tools and functions specially suited to architecture work. This software supports dynamic elements (wall, door, windows, and other architectural elements) and automatically updating Spaces and Areas for calculations of sqft.
- AutoCAD LT: the lower-cost version of AutoCAD, with reduced capabilities (No 3D, No Network Licensing, No management tools, and more).
- AutoCAD 360: an account-based mobile and web application enabling registered users to view, edit, and share AutoCAD files via a mobile device and web using a limited AutoCAD feature set and using cloud-stored drawing files.