



Information Booklet

Course Name:
Course in AutoCad
Course Code: P7



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Course in AutoCad

1. Introduction:

AutoCAD is a computer-aided design software application, developed by Autodesk, used primarily for architectural- and engineering-related drafting and design. Students learn to use AutoCAD software to create 2- and 3-dimensional drawings for use by architects and engineers.

2. Eligibility:

XII th pass and Knowledge of Basic IT

3. Duration:

60 Hours . Two hours a day.

- Theory 10 hours
- Practical 50 hours

4. Course Details:

Type of course	AutoCad
Syllabus	<ul style="list-style-type: none"> • Introduction to the course and hardware <ul style="list-style-type: none"> - Overview of AutoCAD Release - Overview of a PC, peripherals e.g. printers and plotters, system settings and the Windows environment • Starting a New Drawing/Opening an existing drawing <ul style="list-style-type: none"> - Setting up a drawing starting from scratch, using a Wizard, using and creating a template file - Opening an existing drawing - Screen layout, pull-down menus, screen icons, command line and dialogue boxes, status bar toggles - Setting preferences • Drawing Commands <ul style="list-style-type: none"> - Lines, multilines and polylines - Arc, circle and ellipse - Co-ordinate input methods (directive, absolute, relative and polar) - Hatching - Dimensions - Text (multi-line & single line / true type fonts)

	<ul style="list-style-type: none">• Edit Commands<ul style="list-style-type: none">- Erase, trim, extend, break and explode- Copy, offset, array, fillet and chamfer- Move, stretch, rotate and mirror• View Commands<ul style="list-style-type: none">- Zoom, pan, redraw and regen (realtime options)- Hide, shade and viewpoint• Drawing Settings and Aids<ul style="list-style-type: none">- Osnap settings, grid and snap- World UCS and User-defined UCS- Text styles and dimension styles (importing & exporting)- Drawing limits and units- Layers- Modify and match properties- Blocks and Wblocks- Attributes- Paperspace, layout space, tilemode and viewports (layer)- AutoCAD Bonus Tools- In-Place editing of XREFs.• Assist Commands<ul style="list-style-type: none">- Cancel, undo and redo- Help• Saving and Plotting<ul style="list-style-type: none">- Pen assignments and printer setup- Rotation, scale and preview- Saving and opening files using Windows Explorer whilst in AutoCAD. <p>Project Work</p>
	<ul style="list-style-type: none">•

5. Fee:

Rs. 4000/- (exclusive of all taxes)