



# Information Booklet

**Course Name:**  
**Course in AutoCad**  
**Course Code: P7**



Address:  
Info Tech Corporation of Goa Ltd.,  
IT HUB, 3<sup>rd</sup> Floor,  
Altinho, Panaji-Goa.  
Pin: 403001  
e-mail Id: md-itg.goa@nic.in  
Tel: (0832) 2226024/22241926

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

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

**5. Fee:**

Rs. 4000/- (exclusive of all taxes)