

**Course Title: AUTODESK INVENTOR 2015
FOR DESIGNER**

Course Code: DS 112

Course Background / Summary:

On the completion of this module, the participants will be able to familiarize themselves with the CAD environment and understand the philosophy behind it, and the use of equipment that is required while using the CAD system. They will be taught engineering features that consist of solid modeling.

Course Objectives:

- To introduce CAD environment and to explain the use of equipment required.
- To explain and to draw 2D, 3D and solid modeling.
- To explain and create assembly, details drawing with CAD.

Target Audience:

- Management Level/ Supervisory Level/ Supporting Staffs

Course Duration: 3 Days

Course Contents

1.0 Introduction	6.0 Advanced Modeling Tools-1
2.0 Drawing Sketches for Solid Models	7.0 Editing Features and Adding Automatic Dimensions to Sketches
3.0 Adding Constraints and Dimensions to Sketches	8.0 Advanced Modeling Tools-2
4.0 Editing, Extruding, and Revolving the Sketches	9.0 Assembly Modeling-1
5.0 Other Sketchers and Modeling Options	10.0 Assembly Modeling-2