Pro-E WildFire 5.0

Diploma in Pro-Engineer WildFire 5.0

A Course Especially for Engineers and Designers.

This course is designed specially for technical people. This Course explains both concept **Design for Mfg**. *&* **Design for Analysis** *& gives maximum knowledge in minimum duration. The syllabus is designed according to the* **Industry standards**. *For any type of Industrial carrier in 3D Modeling, Pro-Engineer is the most popular& commonly used software.*

Syllabus:

Introduction: CAD/CAM/CAE Product cycle, Introduction to Parametric Technology, Introduction to Pro-E Environment & Menu bar, Use of Mouse.

Sketcher: Creating 2D Geometry, Dimensioning & Modifying Dimensions, Modifying 2D Geometry and Construction Techniques like dynamic trim, Divide entity, Mirror, Copy, etc. Applying Constraints, Creating Parametric sketches.

Solid Modeling:

Basic: Understanding of Planes, Creating Solid using Extrude, Revolve, Sweep, etc. Modifying & Regenerating by Edit Definition, Applying Round, chamfer, Rib, etc., Working on Sets & Transitions, Creating & Working efficiently with datum Planes, Axis, curves, datum Points.

Advance: Creating Holes, Spring & Threads using Helical sweep, Swept blend, Applying Draft ,etc Copying features, Patterning in Various method, Pipe, Various Bending & Blending, View manager for Cross Sections, Cosmetic features, Working With Units, Family table, Parameters & Relations, Display settings & other settings, Orientations.

Surfacing: Creating surfaces, Construction Techniques like Fill, Project, Trim, mirror etc. Surface Operation & Modifying surfaces e.g. Merge Intersect, etc. Boundary Blend, Feature Options, Creating Solids from surfaces.

Assembly: Calling components, Constraining components, Assembly analysis, Working with Layers & Visibility, Patterning, Creating Assembly features, View manager, Exploded Views, Top-down & bottom-up design approach.

Drafting: Selection of Drawing Sheet for different sizes, Creating Projected & Auxiliary Views, View Modifications, Inserting Section Views, Detailed View & Revolved view, Adding Notes & Balloons Dimensioning for Assembly, Inserting Symbols & Creating Symbol Gallery, Applying Tolerances, Working with Tables, Creating BOM table, working with different sheets.

Formatting: Creating various sheet formats.

Genius Academy

6 & 6A, C Wing, Parmar Plaza, Wanowrie, Ph: +91-20-60505053 / 020-41208878 / 9422512005 / 9673202620
www.ecti.co.in

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Pro-E WildFire 5.0(students)

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Pre-requisites: Mechanical / Production Engineering / Diploma / ITI
(Student / Professionals) **Total Duration: 100 Hrs. Fees: Rs. 15000/-**

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