

CAD-VERCITY Technical Topics included in 4 + 2 Months Professional Design Training (2 Weeks Free Live Sessions Available)

Join Now : +91 9421645525

Technical Design Topics	Days	75
Intro to Catia , Create Shortcuts		1
<b>1. Workbench - Sketching</b>		3
2D Practice		2
<b>2. Workbench - Part Design - All Basic Command</b>		3
Boolean		2
Live Practice - PDF 3D		2
<b>Advanced Part Design</b>		
Doghouse design - Plastic Defects		2
Locator Design - Assembly study		2
Revision Locator on Doghouse		1
Slider Lifter Calculations		1
<b>Test 1 - Locator On Doghouse</b>		1
Dump to Parametric - Remastering		4
<b>3. Workbench - DMU Space Analysis for Remastering</b>		1
<b>Test 2 - Dump to Parametric - Remastering</b>		2
Snap Design		2
Hook Design		2
<b>Test 3 - Snap and Hook Design</b>		1
<b>4. Workbench - GSD - All Basic Command</b>		3
<b>Test 4 - Dump to Parametric - Remastering</b>		1
GSD - Live Practice		2
<b>Advanced GSD (Styling)</b>		
Close Voume - Side Cover		3
<b>Test 5 - Surfacing with fixation</b>		1
<b>Project - Seating Domain</b>		4
Seat Intro, Comfort Study, MTM Condition, H-point, Tigh Angle and Torso Angle		1
<b>Test 6 - Surfacing with fixation</b>		1
Wire Design		1
Wire Design - Revision		1
<b>5. Workbench - Assembly Design - All Basic Command</b>		1
Assembly Exercise		1
Intro to Door Panel, Master Section, Assembly Study, Manufacturing Process.		1
<b>Project on Plastic Domain</b>		1
PPT Preparation for Project		4
Project 3D Work		8
<b>6. Workbench - Drawing All Basic Command</b>		2
Views, Detail Views, Sections, Dimensions and Tolereces		2
<b>7.. Workbench - Kinematics Basics</b>		1
Motion Joints		4

**Plastic Trims and Sheet metal topics will be covered**

1 Sheet Metal Remastering
2 Plastic Input Style Analysis
3 Main tool Direction
4 Tooling and Manufacturing
5 A Surface, B Surface, C Surface creation
6 B Side plastic Fixation
7 What is Undercuts?
8 Slider Calculations
9 Lifter Calculations
10 Parting Line
11 Core Cavity details
12 How to decide tooling Direction
13 Graining Consideration
14 How to avoid undercut to save tooling cost
15 Manufacturing processes
16 Plastics materials
17 Plastics material selections
18 Product management
19 How to organise Projects Meeting with Clients
20 Manufacturing BOM
21 Presentations for projects
22 Plastic Design Rules
23 A surface Analysis
24 A Surface Close Volume
25 B - Features
26 Define tool Direction
27 Fixations types
28 Assembly sequences
29 Sink Marks considerations
30 Tool fesibility considerations
31 Undercuts
32 Tool Consideration for A surface Graining
33 Screwing
34 Interview Preparation
35 Manufacturing Drawing

**Seating topics will be covered**

1 Seat Architecture
2 Comfort study
3 Seat Design Rules
4 Seat A style Analysis
5 Trim cover Thickness consideration
6 Trim covere fixations
7 A surface Analysis
8 Build A Surface by offset
9 Build A surface by Sketch
10 Input Style Close Volume
11 B-tool Preparation
12 Trim Arrangement
13 Head Rest Close Volume
14 Backrest / Cushion Colse Volum
15 Comfort study (MTM regulation Check)
16 Interview Preparation

**100% Refund Policy**

After 10 Live sessions, if you are not satisfied with Learnings,  
Get 100% refund on same day.



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