# Post Graduate Program in Manufacturing Design

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Hi, thanks for showing interest in our Post Graduate Program in Manufacturing Design. It was great talking to you. Here are the details regarding the course.

### \*Duration of the course\*

Part time: 12 months Full time: 6 months

# In this program, you will learn the below course

- 1. Automotive Wiring Harness using CATIA V5
- 2. Automotive Sheet Metal Design using Siemens NX CAD / CATIA V5
- 3. Mold Design using SOLIDWORKS
- 4. Automotive Plastic Design using CATIA V5
- 5. Geometric Dimensioning and Tolerancing using Siemens NX CAD
- 6. Automotive BIW Fixture Design using CATIA V5

#### \*Softwares\*

- 1. CATIA V5\*
- 2. Siemens NX CAD
- SOLIDWORKS\*

#### \*Projects\*

- 1. Wiring Harness on Engine
- 2. Wiring Harness on Car Body
- 3. Designing of Hood
- 4. Designing of Fender Drip Area
- 5. Designing of Roof Assembly
- 6. Designing of Tailgate
- 7. Creation of Mold for a Table Fan Outer Casing
- 8. Mold Design of Fan Bezel
- 9. Design of Coin Holder
- 10. Design of Heat Staking
- 11. Design of Switch Bezel
- 12. Design of B-pillar Cover
- 13. Design of Side door Panel
- 14. Butterfly Valve Design
- 15. Designing a Robot Welding Fixture
- 16. Designing a Manual Welding Fixture

<sup>\*</sup>Licensed version of SolidWorks and CATIA V5 provided for 12 months.

# \*Demo videos\*

Course 1: Wiring Harness using CATIA V5

https://youtu.be/P6v UgjVcQU https://youtu.be/c0z 43irvpQ https://youtu.be/7AdO-SU4OC0

Course 2: BIW fixture design using CATIA V5

https://www.youtube.com/watch?v=3NKJ9S0ywl8

Course 3: Automotive Sheet Metal Design using NX CAD

\*Backdoor\*

https://youtu.be/O8JsN3cuZYo

\*Designing the hood\*

https://youtu.be/I889xESucMQ

Course 4: Geometric Dimensioning and Tolerancing using NX CAD

\*Fundamentals of NX\*

https://youtu.be/VdDVFfcYo98

\*GD and T\*

https://youtu.be/VN5TcstExFc

\*NX Body\*

https://youtu.be/Lx0drolenbw

# \*Description of course content\*

https://skill-lync.com/mechanical-engineering-courses/masters-manufacturing-design

# \*Success stories\*

Check out the Placements of our customers at <a href="Skill Lync Success Stories.pdf">Skill Lync Success Stories.pdf</a> and also hear what they say about our courses at <a href="http://bit.ly/skill-lync-google-reviews">http://bit.ly/skill-lync-google-reviews</a>. Visit the Project Portfolios of students placed in reputed companies after taking Skill-Lync courses-

Sarthak's skill-lync Profile: Skill-Lync alagu's skill-lync Profile: Skill-Lync Shubham's skill-lync Profile: Skill-Lync

# \*Skill Lync News

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