

Course: Product Design and Manufacturing

Course Code: noc21-me66

Session: 2020-21

Duration: 12 Weeks

Assessment procedures: Weekly Assignment (25%) + proctored certification Exam (75%)

Curriculum of the Course:

Week 1: Introduction to product design and manufacturing

Week 2: Product design morphology

Week 3: Visual Design, and Quality Function Deployment (QFD)

Week 4: Value Engineering

Week 5: Material, and Manufacturing process selection

Week 6: Design for Manufacturing, Assembly, and Maintenance

Week 7: Design for Environment, and Quality Control

Week 8: Patenting, and Creativity

Week 9: Rapid Prototyping

Week 10: Plant Layout Design

Week 11: Computer Integrated Manufacturing

Week 12: Reverse Engineering, and Managing Competitiveness

List of students enrolled

S.No.	Name of Student
1	Shekhar Sharma
2	Tushar Bansal
3	Nikhil Bhatia
4	Prateek Kumawat
5	Kunal Maniwal
6	Puneet Kumawat
7	Raunak Advani
8	Rishabh Shrivastava
9	Saksham Jain
10	Yogendra Singh
11	Shubham Soni
12	Yagyesh Sharma