

Course: Design Practice

Course Code: noc21-me31

Session: 2020-21

Duration: 8 Weeks

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

Curriculum of the Course:

Week 1: Introduction to Design/Product design

Week2: Stanford model of Design thinking/ Stages of engineering design of products/
Introduction to Concurrent engineering

Week 3: Concurrent engineering in Practice

Week 4: Concurrent engineering in Practice

Week 5: Product embodiment design (robustness of design/FMEA techniques).

Week 6: House of quality, Specifications (Fits and Tolerances), Axiomatic Design,
Introduction to Group Technology, Creating forms and shapes.

Week 7: Geometric transformation models, Introduction to electronics

Week 8: Material selection process in design, Applied Ergonomics (work systems design,
Introduction to biomechanics)

List of students enrolled

S. No	Name of Students
1	Akhil Sharma
2	Akshat Sharma
3	Ankit Sharma
4	Annirudh Singh Shekhawat
5	Anshul Sharma
6	Aryan Soni
7	Tushar Bansal
8	Bhanu Krishna Chasta
9	Bharat Sharma
10	Bhanu Pratap Singh Chouhan
11	Devaksh Narwara
12	Gaurav Jain

13	Harsh Sharma
14	Ansh Mishra
15	Bhaskar
16	Mohit Ola
17	Rajat Saini
18	Vishal Shekhawat
19	Shivam Rajpurohit
20	Shubham Bagra
21	Shubham Soni
22	Deepak Meena
23	Anuj Tripathi
24	Labhansh Sharma
25	Yogesh Kumar Singh

