

Course: Product Design Using Value Engineering

Course Code: noc19-me51

Session: 2019-20

Duration: 4 Weeks

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

Curriculum of the Course:

Week 1: Introduction to product design and development, Product design steps and Product analysis, Profit consideration, Value Engineering (history, concept and definitions), Value Engineering vs. Cost cutting

Week 2: Creative thinking, Problem identification and VEJP, Types of product functions, Functional analysis, Functional Analysis System Technique (FAST)

Week 3: Function-cost relationship I & II, VE applications in product design, Case study I & II

Week 4: VE tools and techniques I & II, Behavioural roadblocks, VE Success stories I & II

List of students enrolled

S. No.	Name of student
1	Abhishek Saini
2	Ashwani Gupta
3	Vivek Jangid
4	Jeetu Saini
5	Deepak Kumar Khandelwal
6	Shradha Jain
7	Somin Seth
8	Yash Vijayvargia