

NPTEL Video Lecture Topic List - Created by Linuxpert Systems, Chennai

NPTEL Video Course - Mechanical Engineering - NOC:Product Design Using Value Engineering

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Co-ordinating Institute - IIT - Roorkee

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

- Lecture 1 - Introduction to Product Design and Development
- Lecture 2 - Product Design Steps and Product Analysis
- Lecture 3 - Profit Consideration
- Lecture 4 - Value Engineering (VE) History, Concept and Definitions
- Lecture 5 - Value Engineering vs Cost Cutting
- Lecture 6 - Creative Thinking
- Lecture 7 - Problem Identification and VEJP
- Lecture 8 - Types of Product Functions
- Lecture 9 - Functional Analysis
- Lecture 10 - Functional Analysis System Technique
- Lecture 11 - Function-Cost Relationship - I
- Lecture 12 - Function-Cost Relationship - II
- Lecture 13 - VE Applications in Product Design
- Lecture 14 - Value Engineering
- Lecture 15 - Value Engineering
- Lecture 16 - VE Tools and Techniques - I
- Lecture 17 - VE Tools and Techniques - II
- Lecture 18 - VE Success Stories - I
- Lecture 19 - VE Success Stories - II
- Lecture 20 - Behavioral Roadblocks