

## NPTEL Video Lecture Topic List - Created by LinuXpert Systems, Chennai

NPTEL Video Course - Mechanical Engineering - NOC:Work System Design

Subject Co-ordinator - Dr. Inderdeep Singh

Co-ordinating Institute - IIT - Roorkee

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

- Lecture 1 - Work System Design
- Lecture 2 - Introduction and Concept of Productivity
- Lecture 3 - Measurement of Productivity
- Lecture 4 - Productivity Measures
- Lecture 5 - Productivity Measurement Models
- Lecture 6 - Factors Influencing Productivity
- Lecture 7 - Causes of Low Productivity
- Lecture 8 - Productivity Improvement Technique
- Lecture 9 - Numerical Problems on Productivity
- Lecture 10 - Case Study on Productivity
- Lecture 11 - Work Study
- Lecture 12 - Steps Involved in Work Study
- Lecture 13 - Concept of Work Content
- Lecture 14 - Techniques of Work Study
- Lecture 15 - Human Aspects of Work Study
- Lecture 16 - Method Study
- Lecture 17 - Method Study
- Lecture 18 - Method Study
- Lecture 19 - Operation Process Charts
- Lecture 20 - Operation Process Charts
- Lecture 21 - Flow Process Charts
- Lecture 22 - Flow Process Charts
- Lecture 23 - Two-Handed-Process Charts
- Lecture 24 - Multiple Activity Charts
- Lecture 25 - Flow Diagrams
- Lecture 26 - String Diagrams
- Lecture 27 - Principles of Motion Economy
- Lecture 28 - Micro-Motion Study
- Lecture 29 - Therbligs

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- Lecture 30 - SIMO Charts
- Lecture 31 - Memo-Motion Study
- Lecture 32 - Cycle Graph and Chronocycle Graph
- Lecture 33 - Critical Examination Techniques
- Lecture 34 - Development and Selection of New Method
- Lecture 35 - Installation and Maintenance of Improved Methods
- Lecture 36 - Work Measurement
- Lecture 37 - Techniques of Work Measurement
- Lecture 38 - Steps Involved in Time Study
- Lecture 39 - Steps and Equipment of Time Study
- Lecture 40 - Performance Rating
- Lecture 41 - Performance Rating
- Lecture 42 - Allowances in Time Study
- Lecture 43 - Computation of Standard Time - I
- Lecture 44 - Computation of Standard Time - II
- Lecture 45 - Work Measurement
- Lecture 46 - Work Sampling
- Lecture 47 - Procedure of Work Sampling
- Lecture 48 - Work Sampling
- Lecture 49 - Introduction to Synthetic Data and PMTS
- Lecture 50 - Introduction to MTM and MOST
- Lecture 51 - Ergonomics
- Lecture 52 - Industrial Ergonomics
- Lecture 53 - Ergonomics
- Lecture 54 - Man-Machine System - 1
- Lecture 55 - Man-Machine System - 2
- Lecture 56 - Case Study
- Lecture 57 - Case Study
- Lecture 58 - Case Study
- Lecture 59 - Case Study
- Lecture 60 - Case Study