

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

NPTEL Video Course - Management - NOC:Toyota Production System

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Co-ordinating Institute - IIT - Roorkee

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

- Lecture 1 - Manufacturing Excellence
- Lecture 2 - Global Environment
- Lecture 3 - Production System
- Lecture 4 - Operation Strategy
- Lecture 5 - The Heart of the TPS
- Lecture 6 - Principles of Toyota Way
- Lecture 7 - Culture Behind Toyota Way
- Lecture 8 - Toyota Way in Action
- Lecture 9 - Long Term Philosophy
- Lecture 10 - Create Continuous Flow
- Lecture 11 - Pull System
- Lecture 12 - Leveling Workload
- Lecture 13 - Get Quality Right the First Time
- Lecture 14 - Standardization of Task
- Lecture 15 - Use of Visual Control
- Lecture 16 - Use of Reliable Technology
- Lecture 17 - Role of Leaders in Manufacturing Philosophy
- Lecture 18 - Developing Exceptional Teams
- Lecture 19 - Challenge and Respect Extended Networks
- Lecture 20 - See Yourself to Understand the Situation
- Lecture 21 - Developing Decisions with Consensus
- Lecture 22 - Become a Learning Organization
- Lecture 23 - Become a Learning Organization
- Lecture 24 - Using Toyota Way for Other Organizations (Service and Technical)
- Lecture 25 - Lean Manufacturing
- Lecture 26 - Lean Vs Agile Manufacturing
- Lecture 27 - Sustainable Manufacturing - I
- Lecture 28 - Sustainable Manufacturing - II
- Lecture 29 - Flexible Manufacturing System

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- Lecture 30 - Benchmarking
- Lecture 31 - Cultural Issues in Lean
- Lecture 32 - Overview of Lean Implementation
- Lecture 33 - The Significance of Lead Time
- Lecture 34 - Techniques to Reduce Lead Time
- Lecture 35 - Value Stream Mapping
- Lecture 36 - Kanban Approach
- Lecture 37 - Kanban Calculation - I
- Lecture 38 - Kanban Calculation - II
- Lecture 39 - Theory of Constraints
- Lecture 40 - Different Business Excellence Models