

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

NPTEL Video Course - Management - NOC:Modelling and Analytics for Supply Chain Management

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Co-ordinating Institute - IIT - Kharagpur

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

Lecture 1 - Introduction to Modelling and Analytics for Supply Chain Management
Lecture 2 - Introduction to Modelling and Analytics In Supply Network
Lecture 3 - Decisions and Performance Measures In Supply Chain
Lecture 4 - Introduction to Analytics in Supply Chain
Lecture 5 - Analytics Framework Based on SCOR Model
Lecture 6 - Design Options for Distribution Network
Lecture 7 - Supplier selection Analytics
Lecture 8 - Supplier selection Analytics (Continued...)
Lecture 9 - Supplier selection Analytics (Continued...)
Lecture 10 - Supplier selection Analytics (Continued...)
Lecture 11 - Supplier selection Analytics (Continued...)
Lecture 12 - Transportation cost - I
Lecture 13 - Transportation cost - II
Lecture 14 - Transportation cost - III
Lecture 15 - Transportation cost - IV
Lecture 16 - Warehouse location models - I
Lecture 17 - Warehouse location models - II
Lecture 18 - Warehouse location models - III
Lecture 19 - Warehouse location models - IV
Lecture 20 - Warehouse layout
Lecture 21 - Space calculation - I
Lecture 22 - Space calculation - II
Lecture 23 - Performance of the entire supply chain
Lecture 24 - Data envelopment analysis
Lecture 25 - Concepts in inventory management - I
Lecture 26 - Concepts in inventory management - II
Lecture 27 - Concepts in inventory management - III
Lecture 28 - Concepts in inventory management - IV
Lecture 29 - Concepts in inventory management - V

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- Lecture 30 - Safety Stock and Reorder Level
- Lecture 31 - Continuous Review System
- Lecture 32 - Continuous Review System (Continued...)
- Lecture 33 - Periodic Review System
- Lecture 34 - Periodic Review System (Continued...)
- Lecture 35 - Transportation system - India and World
- Lecture 36 - Transport Costing
- Lecture 37 - Public transport costing
- Lecture 38 - Fixing Fare for public transportation system
- Lecture 39 - Foreign trade logistics
- Lecture 40 - Analytical Hierarchy Processing (AHP) Method
- Lecture 41 - Technique of Order Preference by Similarity to Ideal Solution (TOPSIS) Method
- Lecture 42 - TOPSIS and VIKOR Method
- Lecture 43 - VIKOR and ISM Method
- Lecture 44 - VIKOR and ISM Method
- Lecture 45 - Forecasting Simple and Weighted Average Mean Square Error
- Lecture 46 - Forecasting Exponential Smoothing Method
- Lecture 47 - Forecasting Seasonality in Forecasting
- Lecture 48 - Forecasting Trend Regression and Holt's Method
- Lecture 49 - Forecasting Trend Holt's and Winters Method
- Lecture 50 - Forecasting Multi Period Forecasting
- Lecture 51 - Information Distortions; Coordination and Collaboration Modelling
- Lecture 52 - Information Distortions; Coordination and Collaboration Modelling
- Lecture 53 - Six Sigma and queuing in Coordination
- Lecture 54 - Queuing in Coordination; Measuring the Degree of Coordination
- Lecture 55 - Risk Analytics in Supply Network Design
- Lecture 56 - Risk Analytics in Supply Network Design (Continued...)
- Lecture 57 - Designing the global supply chain
- Lecture 58 - Designing the global supply chain
- Lecture 59 - Designing the global supply chain
- Lecture 60 - Designing the global supply chain
- Lecture 61 - Designing the global supply chain
- Lecture 62 - Designing the global supply chain