

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

NPTEL Video Course - Management - NOC:Project Management: Planning, Execution, Evaluation and Control

Subject Co-ordinator - Prof. Sanjib Chowdhury

Co-ordinating Institute - IIT - Kharagpur

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

- Lecture 1 - Basic Concepts and Introduction
- Lecture 2 - Drivers of Project Management
- Lecture 3 - Linkages between Organization Strategy and Projects
- Lecture 4 - Project Governance and Design of Project Portfolio System
- Lecture 5 - Non-Financial and Multi-Criteria Project Selection Models
- Lecture 6 - Organization Structure
- Lecture 7 - Organization Culture
- Lecture 8 - Project Scope of Work and Deliverables
- Lecture 9 - Responsibility Matrices and Project Communication Plan
- Lecture 10 - Estimating Guidelines and Methods, Top-down Estimation
- Lecture 11 - Level of Details, Type of Costs and Refining Estimates
- Lecture 12 - Concept of Project Network and Development Rules
- Lecture 13 - Construction of Network and Computation Process
- Lecture 14 - Extended Network Techniques to Represent Reality
- Lecture 15 - Probability of Completion of Project on Time
- Lecture 16 - Managing Risk and Risk Identification
- Lecture 17 - Risk Assessment
- Lecture 18 - Risk Response Development and Contingency Planning
- Lecture 19 - Risk Response Control and Change Control Management
- Lecture 20 - Risk Assessment of Capital projects
- Lecture 21 - Classification of Scheduling Problems: Time-constrained Project
- Lecture 22 - Resource-constrained Project
- Lecture 23 - Time-phased Budget, Critical Chain Project Management
- Lecture 24 - Rationale and Options for Project Crashing
- Lecture 25 - Crashing - Reducing Project Duration
- Lecture 26 - Reducing Project Duration - Solving Numerical
- Lecture 27 - Project Monitoring and Control Process
- Lecture 28 - Development of Performance Indexes for Monitoring
- Lecture 29 - Forecasting Project Completion Time and Cost

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- Lecture 30 - Strategic Dimensions and Decision Logic of Outsourcing
- Lecture 31 - Best Practices in Outsourcing Project Work
- Lecture 32 - Partnering and Traditional Approaches for Managing Relations
- Lecture 33 - The Art of Negotiating
- Lecture 34 - Customer's Satisfaction and Managing Customer Relations
- Lecture 35 - Types of Contract and their Salient Features
- Lecture 36 - Preparation and Evaluation of RFP: Best Practices
- Lecture 37 - Project Closure Activities and Post-Implementation Evaluation
- Lecture 38 - Retrospectives
- Lecture 39 - Oversight Activities and Levels
- Lecture 40 - Phase Gate System, Project Management Maturity Model