NPTEL Video Course - Management - NOC:Project Management (2024)

Subject Co-ordinator - Prof. Ramesh Anbanandam

Co-ordinating Institute - IIT - Roorkee

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

Lecture 1 - Introduction to Project Management - I
Lecture 2 - Introduction to Project Management - II
Lecture 3 - Agile Project Management
Lecture 4 - Project Selection Models
Lecture 5 - Examples of Project Selection Models
Lecture 6 - Project Manager
Lecture 7 - Attributes of Effective Project Manager
Lecture 8 - Managing for Stakeholders
Lecture 9 - Resolving Conflicts
Lecture 10 - Negotiation
Lecture 11 - Project in the Organization structure
Lecture 12 - Human factors and the Project Team
Lecture 13 - Traditional Project Activity Planning
Lecture 14 - Agile Project Planning, Project Charter
Lecture 15 - Coordination through Integration Management
Lecture 16 - Project Feasibility Analysis
Lecture 17 - Estimating Project Budgets
Lecture 18 - Project Risk Management
Lecture 19 - Quantitative Risk Assessment Methodologies
Lecture 20 - Critical Path Method (CPM)
Lecture 21 - Programme Evaluation And Review Technique PERT
Lecture 22 - Risk Analysis with simulation for scheduling
Lecture 23 - Gantt Chart and Scheduling with scrum
Lecture 24 - Crashing a project
Lecture 25 - Resource Loading
Lecture 26 - Resource Levelling
Lecture 27 - Goldratt's critical chain
Lecture 28 - Planning monitoring controlling cycle
Lecture 29 - Earned value analysis

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Lecture 30 - Agile tools for tracking project
Lecture 31 - Three types of Project Controlling
Lecture 32 - Control of change scope and scope creep
Lecture 33 - Project Audit
Lecture 34 - Essentials of an audit evaluation
Lecture 35 - When to close a project ?
Lecture 36 - Benefits realization, Case study on the success of Chandrayan 3
Lecture 37 - Software for Project Management
Lecture 38 - Demo on project management software
Lecture 39 - Simulations Software for Project Management
Lecture 40 - Course Summary
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