

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

NPTEL Video Course - Civil Engineering - NOC:Introduction to Accounting and Finance for Civil Engineers

Subject Co-ordinator - Dr. Sudhir Misra

Co-ordinating Institute - IIT - Kanpur

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

Lecture 1 - Overview of the Course

Lecture 2 - Introduction

Lecture 3 - General Discussion on Construction Projects

Lecture 4 - Time value of money

Lecture 5 - Economic Decision Making - I

Lecture 6 - Economic decision making - II

Lecture 7 - Incremental Rate of Return (IROR)

Lecture 8 - Benefit cost ratio

Lecture 9 - Sensitivity analysis - Part 1

Lecture 10 - Sensitivity analysis - Part 2

Lecture 11 - Break-even analysis - Part 1

Lecture 12 - Break-even analysis - Part 2

Lecture 13 - Depreciation of construction equipment

Lecture 14 - Effect of depreciation on cash flows

Lecture 15 - Effect of depreciation and inflation on economic decision making

Lecture 16 - Replacement analysis

Lecture 17 - Risk analysis - Part 1

Lecture 18 - Risk analysis - Part 2

Lecture 19 - Risk analysis - Part 3

Lecture 20 - Simulation - Part 1

Lecture 21 - Simulation - Part 2

Lecture 22 - Bidding - Part 1

Lecture 23 - Bidding - Part 2

Lecture 24 - Bidding - Part 3

Lecture 25 - Bidding - Part 4

Lecture 26 - Bidding - Part 5

Lecture 27 - Bidding - Part 6

Lecture 28 - Bidding - Part 7

Lecture 29 - Introduction to accounting - Part 1

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

- Lecture 30 - Introduction to accounting - Part 2
- Lecture 31 - Introduction to accounting - Part 3
- Lecture 32 - Revenue recognition
- Lecture 33 - Construction Contract Status Reports
- Lecture 34 - Assets and Liabilities
- Lecture 35 - Accounting statements - case study
- Lecture 36 - Working capital
- Lecture 37 - Financing resources for working capital
- Lecture 38 - Ratio analysis