

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

NPTEL Video Course - Mining Engineering - NOC:Surface Mining Technology

Subject Co-ordinator - Prof. Kaushik Dey

Co-ordinating Institute - IIT - Kharagpur

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

- Lecture 1 - Rocks Mineral and Ore
- Lecture 2 - Current Status of Surface Mining
- Lecture 3 - Stripping Ratios and Pit Layouts - I
- Lecture 4 - Stripping Ratios and Pit Layouts - II
- Lecture 5 - Stripping Ratios and Pit Layouts - III
- Lecture 6 - Phases of Surface Mining - I
- Lecture 7 - Phases of Surface Mining - II
- Lecture 8 - Phases of Surface Mining - III
- Lecture 9 - Opening Through Box Cut - I
- Lecture 10 - Opening Through Box Cut - II
- Lecture 11 - Drilling Technology for Surface Blasting - I
- Lecture 12 - Drilling Technology for Surface Blasting - II
- Lecture 13 - Drilling Technology for Surface Blasting - III
- Lecture 14 - Drilling Technology for Surface Blasting - IV
- Lecture 15 - Technology for Surface Blasting - I
- Lecture 16 - Technology for Surface Blasting - II
- Lecture 17 - Technology for Surface Blasting - III
- Lecture 18 - Technology for Surface Blasting - IV
- Lecture 19 - Technology for Surface Blasting - V
- Lecture 20 - Technology for Surface Blasting - VI
- Lecture 21 - Excavation by Ripper - I
- Lecture 22 - Excavation by Ripper - II
- Lecture 23 - Excavation by Ripper - III
- Lecture 24 - Excavation with Shovel - I
- Lecture 25 - Excavation with Shovel - II
- Lecture 26 - Excavation with Shovel - III
- Lecture 27 - Excavation with Shovel - IV
- Lecture 28 - Transportation in Surface Mines - I
- Lecture 29 - Transportation in Surface Mines - II

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- Lecture 30 - Transportation in Surface Mines - III
- Lecture 31 - Excavation with Surface Miner - I
- Lecture 32 - Excavation with Surface Miner - II
- Lecture 33 - Excavation with Surface Miner - III
- Lecture 34 - Excavation with Surface Miner - IV
- Lecture 35 - Excavation with Surface Miner - V
- Lecture 36 - Excavation with Dragline - I
- Lecture 37 - Excavation with Dragline - II
- Lecture 38 - Excavation with Dragline - III
- Lecture 39 - Highwall Mining - I
- Lecture 40 - Highwall Mining - II
- Lecture 41 - Highwall Mining - III
- Lecture 42 - Excavation with Bucket Wheel Excavator - I
- Lecture 43 - Excavation with Bucket Wheel Excavator - II
- Lecture 44 - Excavation with Bucket Wheel Excavator - III
- Lecture 45 - Some Auxiliary Operations
- Lecture 46 - Haul Road - I
- Lecture 47 - Haul Road - II
- Lecture 48 - Haul Road - III
- Lecture 49 - Inland Transportation System - I
- Lecture 50 - Inland Transportation System - II
- Lecture 51 - Dimensional Stone Mining - I
- Lecture 52 - Dimensional Stone Mining - II
- Lecture 53 - Dimensional Stone Mining - III
- Lecture 54 - Seabed Mining - I
- Lecture 55 - Seabed Mining - II
- Lecture 56 - Stability Of Bench Slopes - I
- Lecture 57 - Stability Of Bench Slopes - II
- Lecture 58 - Stability Of Bench Slopes - III
- Lecture 59 - Closure Of Surface Mines - I
- Lecture 60 - Closure Of Surface Mines - II