

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

NPTEL Video Course - Metallurgy and Material Science - NOC:Clean Coal Technology

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Co-ordinating Institute - IIT-ISM Dhanbad

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

Lecture 1 - Coal Quality Parameters
Lecture 2 - Coal Quality Parameters (Continued...)
Lecture 3 - Coal Quality Parameters (Continued...)
Lecture 4 - Coal Quality Parameters (Continued...)
Lecture 5 - Coal Quality Parameters (Continued...)
Lecture 6 - Coal Cleaning
Lecture 7 - Coal Cleaning (Continued...)
Lecture 8 - Coal Cleaning (Continued...)
Lecture 9 - Coal Cleaning (Continued...)
Lecture 10 - Coal Cleaning (Continued...)
Lecture 11 - Coal Cleaning Methods
Lecture 12 - Coal Cleaning Methods (Continued...)
Lecture 13 - Coal Cleaning Methods (Continued...)
Lecture 14 - Coal Cleaning Methods (Continued...)
Lecture 15 - Coal Cleaning Methods (Continued...)
Lecture 16 - Coal Combustion Fundamentals
Lecture 17 - Coal Combustion Fundamentals (Continued...)
Lecture 18 - Coal Combustion Fundamentals (Continued...)
Lecture 19 - Coal Combustion Fundamentals (Continued...)
Lecture 20 - Coal Combustion Fundamentals (Continued...)
Lecture 21 - Effects of Coal Properties on Combustion
Lecture 22 - Effects of Coal Properties on Combustion (Continued...)
Lecture 23 - Effects of Coal Properties on Combustion (Continued...)
Lecture 24 - Effects of Coal Properties on Combustion (Continued...)
Lecture 25 - Effects of Coal Properties on Combustion (Continued...)
Lecture 26 - Industrial Coal Combustion Methods
Lecture 27 - Industrial Coal Combustion Methods (Continued...)
Lecture 28 - Industrial Coal Combustion Methods (Continued...)
Lecture 29 - Industrial Coal Combustion Methods (Continued...)

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- Lecture 30 - Industrial Coal Combustion Methods (Continued...)
- Lecture 31 - Emission Control from Combustion Utilities
- Lecture 32 - Emission Control from Combustion Utilities (Continued...)
- Lecture 33 - Emission Control from Combustion Utilities (Continued...)
- Lecture 34 - Emission Control from Combustion Utilities (Continued...)
- Lecture 35 - Emission Control from Combustion Utilities (Continued...)
- Lecture 36 - SO_x Control Strategies
- Lecture 37 - NO_x Emission Control
- Lecture 38 - Oxy Fuel Combustion
- Lecture 39 - Carbon Dioxide Capture and Storage
- Lecture 40 - Carbon Dioxide Capture and Storage (Continued...)
- Lecture 41 - Fundamentals of Coal Gasification
- Lecture 42 - Chemical Reactions in Coal Gasification
- Lecture 43 - Fundamentals of Coal Gasification (Continued...)
- Lecture 44 - Fuel Properties and Gasification
- Lecture 45 - Scope of Coal Gasification
- Lecture 46 - Updraft and Down Draft Gasifier
- Lecture 47 - Lurgi Gasifier
- Lecture 48 - Fluidized Bed and other Gasifier
- Lecture 49 - Syn Gas Cleaning
- Lecture 50 - Coal Gasification Downstream Plants
- Lecture 51 - Coal Based Power Generation
- Lecture 52 - Coal Based Power Generation (Continued...)
- Lecture 53 - Coal Based Power Generation (Continued...)
- Lecture 54 - Coal Based Power Generation (Continued...)
- Lecture 55 - Combined Cycle Power Generation and IGCC
- Lecture 56 - Underground Coal Gasification
- Lecture 57 - Coal Bed Methane
- Lecture 58 - Coal Mine Methane
- Lecture 59 - Clean Coal Technology : Case Studies
- Lecture 60 - Clean Coal Technology : Case Studies (Continued...)