

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

NPTEL Video Course - Electrical Engineering - Energy Resources and Technology

Subject Co-ordinator - Prof. S. Banerjee

Co-ordinating Institute - IIT - Kharagpur

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

Lecture 1 - Thermodynamics
Lecture 2 - Quality of Energy
Lecture 3 - Complete Cycle Analysis of Fossil Fuels
Lecture 4 - Energy in Transportation
Lecture 5 - Other Fossil Fuels
Lecture 6 - Energy Economics
Lecture 7 - Energy Economics
Lecture 8 - Thermal Power Plants
Lecture 9 - Thermal Power Plants
Lecture 10 - Hydroelectric Power
Lecture 11 - Hydroelectric Power
Lecture 12 - Nuclear Power Generation
Lecture 13 - Nuclear Fusion Reactors
Lecture 14 - Environmental Effects of Conventional Power
Lecture 15 - Solar Thermal Energy Conversion
Lecture 16 - Solar Concentrating Collectors
Lecture 17 - Photovoltaic Power Generation
Lecture 18 - Photovoltaic Power Generation (Continued.)
Lecture 19 - Photovoltaic Power Generation (Continued.)
Lecture 20 - Photovoltaic Power Generation (Continued.)
Lecture 21 - Wind Energy - I
Lecture 22 - Wind Energy - II
Lecture 23 - Wind Energy - III
Lecture 24 - Wind Energy - IV
Lecture 25 - Wind Energy - V
Lecture 26 - Wind Energy - VI
Lecture 27 - Wind Electrical Conversion - I
Lecture 28 - Wind Electrical Conversion - II
Lecture 29 - Wind Electrical Conversion - III

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- Lecture 30 - Tidal Energy
- Lecture 31 - Tidal Energy
- Lecture 32 - Tidal Energy
- Lecture 33 - Ocean Thermal Energy Conversion
- Lecture 34 - Solar Pond and Wave Power
- Lecture 35 - Geothermal Energy
- Lecture 36 - Solar Distillation and Biomass Energy
- Lecture 37 - Energy Storage
- Lecture 38 - Magneto hydrodynamic Power Generation
- Lecture 39 - Magneto hydrodynamic Power Generation
- Lecture 40 - Hydrogen Economy