Mindluster Platform

About the course Energy Conversion Technologies

Energy Conversion Technologies course in hindi, in this course we'll explore various methods and systems for converting and harnessing energy from different sources efficiently and sustainably.

Engineering Category's Courses

Course Lesson(31)

Lesson 1 : **Energy Conversion Technologies Biomass And Coal Introduction Video**

Lesson 2 : **Lec 1 Sources of energy**

Lesson 3 : **Lec 2 Sources of energy**

Lesson 4 : **Lec 3 Energy scenario**

Lesson 5 : **Lec 4 Environmental aspects of energy**

Lesson 6 : **Lec 5 Environmental aspects of energy**

Lesson 7 : **Lec 6 Environmental aspects of energy**

Lesson 8 : **Lec 7 Environmental aspects of energy**

Lesson 9 : **Lec 8 Solid fuels Part I**

Lesson 10 : **Lec 9 Solid fuels Part II**

Lesson 11 : **Lec 10 Liquid fuels Part I**

Lesson 12 : **Lec 11 Liquid fuels Part II**

Lesson 13 : **Lec 12 Practice problems Part I**

Lesson 14 : **Lec 13 Practice problems Part II**

Lesson 15 : **Lec 14 Energy from Bio based Feedstock**

Lesson 16 : **Lec 15 Thermal Thermochemcial processes**

Lesson 17 : **Lec 16 Practice problems Pelletization**

Lesson 18 : **Lec 17 Practice problems Torrefaction Mass Energy Yieldâ€‹**

Lesson 19 : **Lec 18 Pyrolysis and Hydrothermal Liquefaction**

Lesson 20 : **Lec 19 Gasification**

Lesson 21 : **Lec 20 Practice examples Pyrolysis Gasification**

Lesson 22 : **Lec 21 Biochemical conversion processes Anaerobic Digestion in Landfills**

Lesson 23 : **Lec 22 Bioethanol Production**

Lesson 24 : **Lec 23 Practice examples Biogas and Bio ethanol production**

Lesson 25 : **Lec 24 Chemical Conversion Processes Types of Feedstock and Pretreatment**

Lesson 26 : **Lec 25 Mechanism of transâ€esterification and biodiesel productionâ€‹**

Lesson 27 : **Lec 26 Green diesel synthesis from bio based feedstocks**

Lesson 28 : **Lec 27 Energy from Coal Carbonization Gasification and Liquefaction**

Lesson 29 : **Lec 28 Practice Example Combustion of Biomass Coal**

Lesson 30 : **Lec 29 Combustion Process Biomass and Coal**

Lesson 31 : **Lec 30 Concept of integration of energy system**

Related courses

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