Mindluster Platform

About the course Steam Power Engineering

Steam Power Engineering course in hindi, in this course explore the principles and applications of steam power systems for various engineering and industrial purposes.

Engineering Category's Courses

Course Lesson(34)

Lesson 1 : **Steam Power Engineering Introduction Video**

Lesson 2 : **Lec 1 Review of thermodynamics**

Lesson 3 : **Lec 2 Rankine cycle**

Lesson 4 : **Lec 3 Performance estimation of steam power cycles**

Lesson 5 : **Lec 4 Carnot cycle examples**

Lesson 6 : **Lec 5 Rankine cycle with superheat**

Lesson 7 : **Lec 6 Rankine cycle with reheat theory and example**

Lesson 8 : **Lec 7 Examples of Rankine cycle**

Lesson 9 : **Lec 8 Examples of reheat Rankine cycle**

Lesson 10 : **Lec 9 Rankine cycle with regeneration**

Lesson 11 : **Lec 10 Feedwater heaters**

Lesson 12 : **Lec 11 Cogeneration of power and process heat**

Lesson 13 : **Lec 12 Examples of regeneration**

Lesson 14 : **Lec 13 Examples of regenerative Rankine cycle**

Lesson 15 : **Lec 14 Binary multi fluid cycles**

Lesson 16 : **Lec 15 Low temperature power cycles**

Lesson 17 : **Lec 16 Examples of binary cycles**

Lesson 18 : **Lec 17 Types of boilers**

Lesson 19 : **Lec 18 Boiler accessories**

Lesson 20 : **Lec 19 Practice examples**

Lesson 21 : **Lec 20 Stagnation conditions Nozzle flow**

Lesson 22 : **Lec 21 Nozzle flow**

Lesson 23 : **Lec 22 Examples of Nozzle**

Lesson 24 : **Lec 23 Impulse Turbine 1**

Lesson 25 : **Lec 24 Impulse Turbine 2**

Lesson 26 : **Lec 25 Examples on Impulse Turbine**

Lesson 27 : **Lec 26 Reaction Turbine**

Lesson 28 : **Lec 27 Reheat Factor**

Lesson 29 : **Lec 28 Examples on Turbine 1**

Lesson 30 : **Lec 29 Examples on Turbine 2**

Lesson 31 : **Lec 30 Gas Mixture**

Lesson 32 : **Lec 31 Psychrometry 1**

Lesson 33 : **Lec 32 Psychrometry 2**

Lesson 34 : **Lec 33 Condensers**

Related courses

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