Mindluster Platform

About the course Mechanical Unit Operations

Mechanical Unit Operations course in hindi, in this course we'll study the fundamental mechanical processes used in chemical engineering for separation, mixing, and processing.

Engineering Category's Courses

Course Lesson(38)

Lesson 1 : **Mechanical Unit Operations Introduction Video**

Lesson 2 : **Lec 01 Introduction of Particulate Solids**

Lesson 3 : **Lec 02 Particle Size**

Lesson 4 : **Lec 03 Particle Shape and Density**

Lesson 5 : **Lec 04 Screening**

Lesson 6 : **Lec 05 Size Analysis by Screening**

Lesson 7 : **Lec 06 Screening Equipment Effectiveness and Capacity**

Lesson 8 : **Lec 07 Methods of Size Reduction**

Lesson 9 : **Lec 08 Equipment for Size Reduction Crushers**

Lesson 10 : **Lec 09 Equipment for Size Reduction Gridners**

Lesson 11 : **Lec 10 Equipment for Size Reduction Ultrafine Grinders and Cutting Machines**

Lesson 12 : **Lec 11 Storage of Bulk Solids**

Lesson 13 : **Lec 12 Solids Flow Out and their Flow Patterns**

Lesson 14 : **Lec 13 Conveying of Bulk Solids**

Lesson 15 : **Lec 14 Size Enlargement Methods**

Lesson 16 : **Lec 15 Size Enlargement Equipment 1**

Lesson 17 : **Lec 16 Size Enlargement Equipment 2**

Lesson 18 : **Lec 17 Flow past Immersed Solid Objects**

Lesson 19 : **Lec 18 Motion of Particles through Fluids**

Lesson 20 : **Lec 19 Motion of Particles through Fluids 2**

Lesson 21 : **Lec 20 Motion of Particles through Fluids 3**

Lesson 22 : **Lec 21 Flow through Beds of Solids 1**

Lesson 23 : **Lec 22 Flow through Beds of Solids 2**

Lesson 24 : **Lec 23 Flow through Fluidized Beds 1**

Lesson 25 : **Lec 24 Flow through Fluidized Beds 2**

Lesson 26 : **Lec 25 Filtration**

Lesson 27 : **Lec 26 Principles of Cake Filtration**

Lesson 28 : **Lec 27 Principles of Cake Filtration 2**

Lesson 29 : **Lec 28 Filtration Equipment**

Lesson 30 : **Lec 29 Cross Flow Filtration**

Lesson 31 : **Lec 30 Cross Flow Filtration 2**

Lesson 32 : **Lec 31 Gravity Sedimentation Classifiers**

Lesson 33 : **Lec 32 Gravity Sedimentation Design of Thickeners**

Lesson 34 : **Lec 33 Gravity Sedimentation Design of Thickeners 2**

Lesson 35 : **Lec 34 Centrifugal Separations**

Lesson 36 : **Lec 35 Centrifugal Separations 2**

Lesson 37 : **Lec 36 Floatation**

Lesson 38 : **Lec 37 Floatation 2**

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