Mindluster Platform

About the course Additive Manufacturing Technologies

Additive Manufacturing course in hindi, in this course Explore the revolutionary 3D printing technology, its applications, and how to create objects layer by layer.

Engineering Category's Courses

Course Lesson(40)

Lesson 1 : **Fundamentals of Additive Manufacturing Technologies Intro Video**

Lesson 2 : **Lec 1 Introduction to Additive Manufacturing**

Lesson 3 : **Lec 2 CAD Models for Additive Manufacturing**

Lesson 4 : **Lec 3 Manipulation of STL Files**

Lesson 5 : **Lec 4 Slicing Methods Part A**

Lesson 6 : **Lec 5 Slicing Methods Part B**

Lesson 7 : **Lec 6 Toolpath Planning**

Lesson 8 : **Lec 7 Demonstration of CAD CAM Packages**

Lesson 9 : **Lec 8 Introduction to Liquid AM**

Lesson 10 : **Lec 9 Stereolithography Apparatus Fundamentals of Photopolymerization Part 1**

Lesson 11 : **Lec 10 Stereolithography Apparatus Fundamentals of Photopolymerization Part 2**

Lesson 12 : **Lec 11 Stereolithography Apparatus Sub systems Part 1**

Lesson 13 : **Lec 12 Stereolithography Apparatus Sub systems Part 2**

Lesson 14 : **Lec 13 Other Liquid AM Processes 1**

Lesson 15 : **Lec 14 Other Liquid AM Processes 2**

Lesson 16 : **Lec 15 Sheet Additive Manufacturing Part 1**

Lesson 17 : **Lec 16 Sheet Additive Manufacturing Part 2**

Lesson 18 : **Lec 17 Wire Additive Manufacturing**

Lesson 19 : **Lec 18 Fused Deposition Modeling**

Lesson 20 : **Lec 19 Metal Wire Additive Manufacturing**

Lesson 21 : **Lec 20 Metal Inert Gas Wire Arc Additive Manufacturing MIG WAAM Part 1**

Lesson 22 : **Lec 21 Metal Inert Gas Wire Arc Additive Manufacturing MIG WAAM Part 2**

Lesson 23 : **Lec 22 Tungsten Inert Gas Plasma Wire Arc Additive Manufacturing TIG Plasma WAAM**

Lesson 24 : **Lec 23 Electron beam based Wire Beam Additive Manufacturing WBAM**

Lesson 25 : **Lec 24 Laser Metal Wire Additive Manufacturing**

Lesson 26 : **Lec 25 Powder Feed Additive Manufacturing Part 1**

Lesson 27 : **Lec 26 Powder Feed Additive Manufacturing Part 2**

Lesson 28 : **Lec 27 Process Modeling for Powder Feed Additive Manufacturing Part 1**

Lesson 29 : **Lec 28 Process Modeling for Powder Feed Additive Manufacturing Part 2**

Lesson 30 : **Lec 29 Laser Beam based Powder Bed Additive Manufacturing Part 1**

Lesson 31 : **Lec 30 Laser Beam based Powder Bed Additive Manufacturing Part 2**

Lesson 32 : **Lec 31 Electron Beam based Powder Bed Additive Manufacturing**

Lesson 33 : **Lec 32 Binder based Powder Bed Additive Manufacturing Part 1**

Lesson 34 : **Lec 33 Binder based Powder Bed Additive Manufacturing Part 2**

Lesson 35 : **Lec 34 3D Concrete Printing**

Lesson 36 : **Lec 35 Fundamentals of Numerical Modeling of AM Processes Part 1**

Lesson 37 : **Lec 36 Fundamentals of Numerical Modeling of AM Processes Part 2**

Lesson 38 : **Lec 37 Demonstration of Additive Manufacturing Machine Tools**

Lesson 39 : **Lec 38 Omnidirectionality in Additive Manufacturing Systems**

Lesson 40 : **Lec 39 Demonstration of DEM Software for Powder Handling in Additive Manufacturing**

Related courses

Cabinetry Basics

MFT and MFT related accessories

hinges workshops

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