Mindluster Platform

About the course Engineering chemistry fundamentals

Course Presenter : ENGINEERING TUTORIAL

Engineering chemistry, in this course explore the essential chemical principles that support innovation and safety in engineering fields. In this course, we will learn about atomic and molecular structure, types of chemical bonding, and the behavior of gases, liquids, and solids. We'll study key concepts such as electrochemistry, thermodynamics, chemical kinetics, corrosion and its prevention, and water treatment technologies. The course also introduces fuels, lubricants, polymers, composites, and nanomaterials, highlighting their industrial and engineering applications. Through practical examples, students will understand how chemistry is applied in construction, manufacturing, energy production, and environmental protection. This course is ideal for engineering students who want to build a solid foundation in chemistry to support problem-solving, materials selection, and sustainable design in technical industries. ENGINEERING TUTORIAL

Science Category's Courses

Course Lesson(7)

Lesson 1 : **Basic Introduction To Engineering Chemistry Basic Concepts Engineering Chemistry**

Lesson 2 : **Introduction To Atomic Structure Atomic Models Basic Concepts Engineering Chemistry**

Lesson 3 : **Bohr s Atomic Model Basic Concepts Engineering Chemistry**

Lesson 4 : **Electronic Configuration Atomic Mass Numbers And Isotopes Basic Concepts Engineering Chemistry**

Lesson 5 : **Dual Nature Of Electron De Broglie s Hypothesis Basic Concepts Engineering Chemistry**

Lesson 6 : **Heisenberg Uncertainty Principle Basic Concepts Engineering Chemistry**

Lesson 7 : **Modern Atomic Theory Schrodinger s Model Basic Concepts Engineering Chemistry**

Related courses

Geography

Organic Chemistry

History of Science

Physics

Astronomy

Anatomy Physiology

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