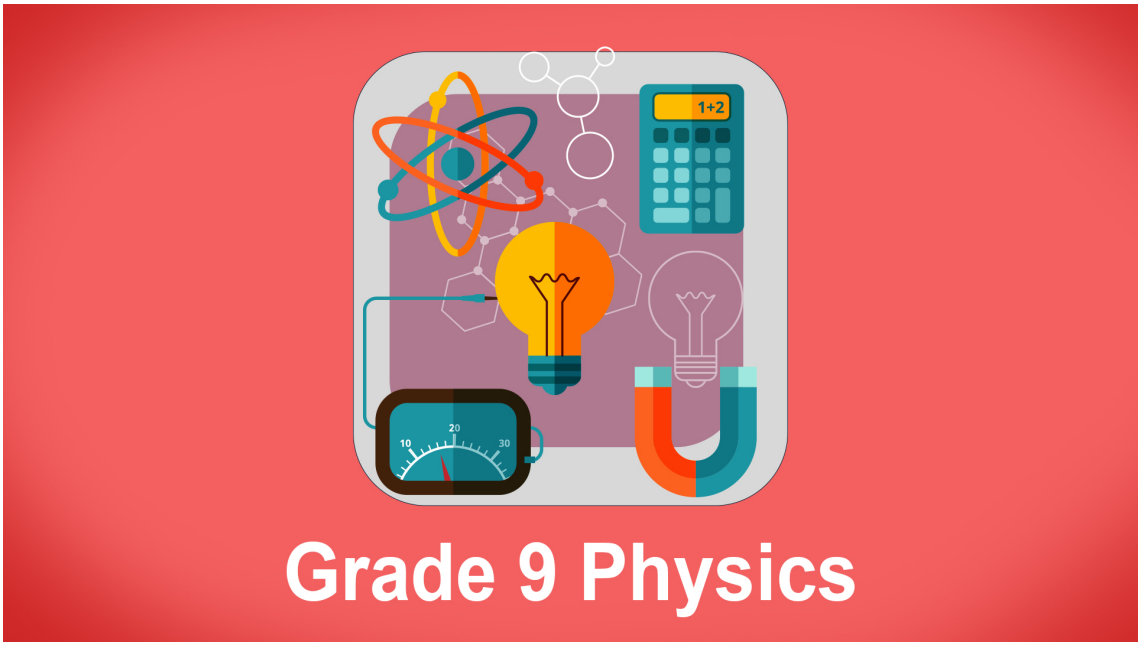
Welcome to ineuron.ai



Class 9th Physics

Description:

This course will provide a detailed understanding of the practical as well as theoretical approach towards various scientific concepts like Motion, Work, Energy, Laws of Motion, etc. Complete and detailed solutions from NCERT Exercises are provided.

Start Date:

Doubt Clear Time:

Course Time:

Features:

Self Paced Videos

Completion Certificate

What we learn:

Motion

Force and Laws of Motion

Gravitation

Work and energy

Sound

Requirements:

System with Internet Connection

Interest to learn

Dedication

Instructor:

Name:

Jawala Prakash

Description:

Awesome teacher

>Motion:

>>Lecture 1 : Understanding Motion, Distance and Displacement

>>Lecture 2 : Uniform and Non Uniform Motion, Speed, Average Speed

>>Lecture 3 : Unifrom speed and Uniform Speed Graph

>>Lecture 4 : Velocity and Uniform Velocity

>>Lecture 5 : Acceleration, Unifrom Acceleration, Retardation(Negative Acceleration)

>>Lecture 6 : Equation of Uniformly Accelerated Motion, First Equation of Motion, Secon

>>Lecture 7 : Velocity Time Graph

>>Lecture 8 : Deriving Equations of Motion by Graphical Method

>>Lecture 9 : Distance Time Graph of Uniform and Accelerated Motion

>>Lecture 10 : Speed Time Graph, Uniform Acceleration and Retardation, Non Uniform

>>Lecture 11 : Uniform Circular Motion

>>Lecture 12 : Numerical Problems

>Force and Laws of Motion:

>>Lecture 1 : Cause of Motion, Force, Effect of Force, Balanced and Unbalanced Force

>>Lecture 2 : Momentum, Second Law of Motion, Application of Newton's Second Law

>>Lecture 3 : Third Law of Motion

>>Lecture 4 : Conservation of Momentum

>>Lecture 5 : Exercise

>Work and Energy:

>>Lecture 1 : Introduction, Work done by a Constant Force

>>Lecture 2 : Work Done by a Force Acting Obliquely

>>Lecture 3 : Work done against Gravity

>>Lecture 4 : Energy, Kinetic Energy

>>Lecture 5 : Potential Energy, Gravitational Potential Energy,

>>Lecture 6 : Power, Unit of Power, Commercial Unit of Energy

>>Lecture 7 : Law of Conservation of Energy

>Gravitation:

>>Lecture 1 : Course Content & Introduction

>>Lecture 2 : Gravitation Introduction

>>Lecture 3 : Universal Law Gravitation

>>Lecture 4 : How Newton Guess Inverse Square Law

>>Lecture 5 : Free Fall

>>Lecture 6 : Mass Vs Weight

>>Lecture 7 : Thrust & Pressure

>>Lecture 8 : Pressure In Fluids

>>Lecture 9 : Buoyancy

>>Lecture 10 : Why Objects Floats Or Sinks

>>Lecture 11 : Archimedes Principle

>>Lecture 12 : Relative Density

>>Lecture 13 : Exampler Problems Part 1

>>Lecture 14 : Exampler Problems Part 2

>>Lecture 15 : Exampler Problems Part 3

>Sound :

>>Lecture 1 : Introduction

>>Lecture 2 : Sound Propagation

>>Lecture 3 : Longitudinal Vs Transverse Waves

>>Lecture 4 : Sound Characteristics

>>Lecture 5 : Loudness Vs Intensity

>>Lecture 6 : Speed of Sound in Different Medium

>>Lecture 7 : Echo Vs Reverberation

>>Lecture 8 : Range of hearing

>>Lecture 9 : Application of Ultrasound

>>Lecture 10 : Sonar

>>Lecture 11 : Structure of Human Ear

>>Lecture 12 : Chapter Summary

>>Lecture 13 : Question Discussion

>>Lecture 14 : Examplar Problems