

Topics Covered:

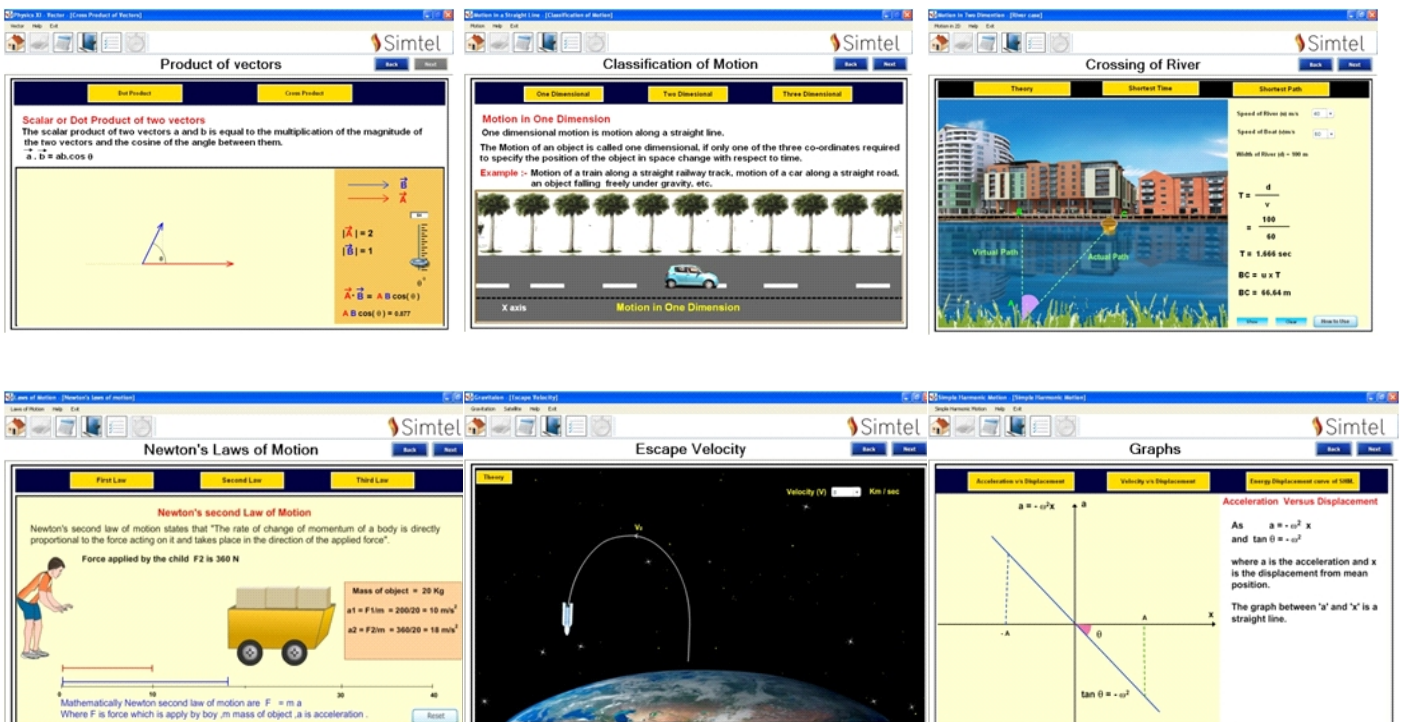
- Vectors
- Motion in One Dimension
- Motion in Two Dimension
- Laws of Motion
- Work, Energy and Power
- Rotational Motion for Rigid Body
- Gravitation
- Simple Harmonic Motions
- Waves
- Mechanics of Solid
- Hydrostatics
- Hydrodynamics
- Thermometry and Thermal Expansion
- Thermodynamics
- Kinetic Theory of Gases
- Experiments

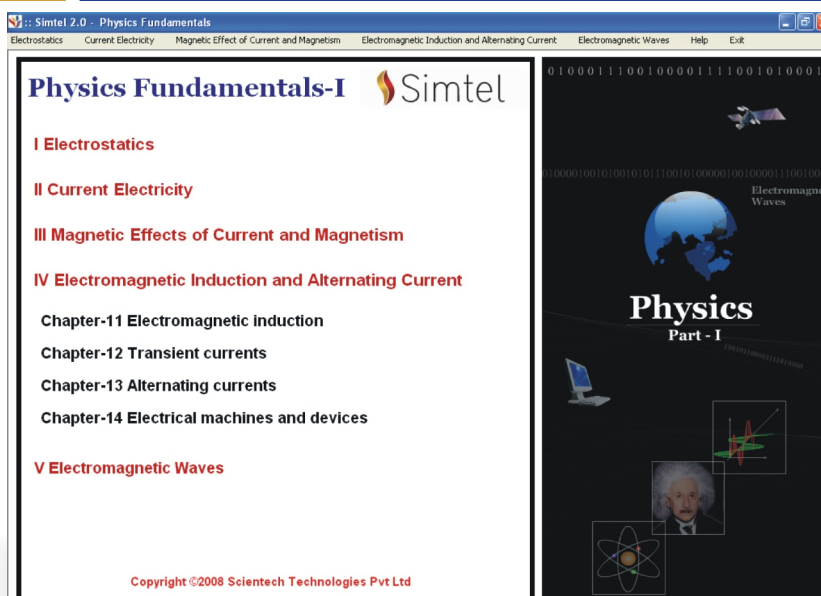
This is our first module of Simtel family, for students of school. All physics fundamentals are critical and difficult to understand. SimTEL Physics helps user to understand and visualize concepts.

System Requirements:

- Windows XP SP3 or Later (English Version)
- Processor family X86
- Dotnet Framework 4.0 & above
- Flash player 9.0 & above

Software program windows:





This is our first module of Simtel family, for students of school. All physics fundamentals are critical and difficult to visualize. SimTEL Physics helps user to understand and visualize concepts. It covers almost all topics of physics present in the CBSE/NCERT syllabus.

Topics covered:

- **Electrostatics:** Electrostatic Force and Fields, Potential and Gauss's Theorem, Conductor, Capacitor and Dielectrics
- **Current Electricity:** Current, Sources of emf and Kirchhoff's law, Thermal and Chemical, Thermoelectric, Magnetic Effect of Current
- **Magnetism, Electromagnetic Induction, Alternating Current, Electromagnetic Waves**
- **Optics:** Photometry, Reflection and Refraction of Light, Dispersion, Optical Instruments, Wave Optics, Diffraction and Polarization of Light
- **Dual Nature of Matter and Radiations:** Electrons, Photoelectric Effect, Wave Nature of Matter
- **Atomic Nucleus:** Atoms, Nuclei, Radioactivity and Molecules
- **Solid and Semiconductor, Digital Electronics, Principles of Communication**

System Requirements:

- Windows XP SP3 or Later (English Version)
- Processor family X86
- Dotnet Framework 4.0 & above
- Flash player 9.0 & above

Software program windows:

