

Telangana EAMCET Syllabus 2018 – Physics

Physical world.

Systems of particles and rotational motion.

Motion in a straight line.

Motion in a plane.

Laws of motion.

Work, Energy and power.

Units and measurements.

Gravitation.

Oscillations.

Mechanical properties of fluids.

Mechanical properties of solids.

Thermal properties of matter.

Kinetic theory.

Thermodynamics.

Ray optics and optical instruments.

Waves.

Wave optics.

Electric charges and fields.

Communication systems.

Current electricity.

Moving charges and magnetism.

Magnetism and Matter.

Alternating current.

Electromagnetic waves.

Electromagnetic induction.

Atoms.

Dual nature of radiation and matter.

Semiconductor electronics.

Nuclei.

Electrostatic potential and capacitance.