

COURSE OUTCOME
DEPARTMENT OF PHYSICS

MECHANICS :

CO1: To help the students gain the knowledge about vector algebra, ordinary differential equation, laws of motion, momentum of energy.

CO2: To give a brief idea about gravitation, oscillation and elasticity.

CO3: Sharing with the students a very interesting concept of Special Theory of Relativity.

ELECTRICITY & MAGNETISM:

CO1: The focus of this section is to discuss about Electrostatics & Magnetism briefly.

CO2: Discussion about the Electromagnetic Induction , Maxwell's equations and Electromagnetic wave propagation.

THERMAL PHYSICS & STATISTICAL MECHANICS:

CO1: The importance of this section is to make the students understand about thermodynamic description of system, kinetic theory of gases etc.

CO2: Discussion with the students about Statistical Mechanics.

WAVES & OPTICS:

CO1: Sharing the knowledge of various wave motion, Harmonic Oscillations and sound.

CO2: Discussion about the Fluids.

CO3: Introduce the students with wave optics and discussion about Interference and Michelson Interferometer.

CO4: Lectures on Diffraction and Polarization.

DSE COURSES:

CO1: Discussion of Digital & Analog circuits and Instrumentation.

CO2: Sharing with the students the knowledge of Modern Physics : Planck's Law, Heisenberg's Uncertainty principle etc.

CO3: Make the students understand the power of Mathematical Physics and its importance through computer programming.

CO4: To give some basic knowledge in the field of Solid State Physics.

CO5: To make the students understand the very popular Quantum Mechanics.

CO6: Introduce the students with Microcontrollers.

CO7: Sharing the knowledge of Nuclear & Particle Physics.

CO8: This course introduce the students with a basic idea of Medical Physics.

SEC COURSES:

CO1: The aim of this section is to enrich the Physics Workshop Skill.

CO2: Sharing the knowledge of Computational Physics.

CO3: Enrich the knowledge of Electrical Circuits & Network Skills.

CO4: Discussion with the Basic Instrumentation Skills.

CO5: The motto of this course is to provide the importance of Renewable Energy & Energy Harvesting.

CO6: Practicing with the students some Technical Drawing.

