

PHYSICS LABORATORY



The Applied/ Engineering physics curriculum is designed to provide a firm foundation of basic scientific principles, as well as the theoretical knowledge and skills required for specific engineering applications. The curriculum is equally suitable for students intending to pursue careers in industrial research and development, and for those preparing for graduate studies in a variety of scientific and technical areas.

We have introduced a few such experiments, which are stimulating, revealing and rewarding in the engineering physics laboratory. These exercises enable the students to go as far as to confirm their theoretical knowledge derived from engineering physics course.



There is a symbiotic relationship between physics and engineering. Applied/ Engineering physics lays emphasis on the concepts relevant to that of engineering branches. Applied/ Engineering physics laboratory enables the students to realize their theoretical understanding.

This laboratory makes the students equipped of the concepts of wave theory, quantum mechanics, electromagnetic theory, semiconductor physics, lasers and optical fibers. The students hone their laboratory skills to be in tune to that of their subsequent labs in the due course of engineering.



Instruments present in the Physics Lab

- Diffraction Grating
- Newton's Rings Apparatus
- Photo cell
- B-H Curve
- Sonometer
- Stewart and Gee's apparatus
- Dielectric apparatus
- Torsional Pendulum
- Energy gap of Semiconductor diode