21PHYP1	ENGINEERING PHYSICS LABORATORY	L	T	P	C
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Course Objective:

- To introduce different experiments to test basic understanding of Engineering Physics concepts applied in optics, thermal physics, properties of matter and liquids

Lab Practice	10 Hours

1. Determination of rigidity modulus – Torsion pendulum

2. Determination of Young's modulus by non-uniform bending method.

3. (a) Determination of wavelength, and particle size using Laser

   (b) Determination of acceptance angle in an optical fiber.

4. Determination of wavelength of mercury spectrum – spectrometer grating

5. Determination of thermal conductivity of a bad conductor – Lee's Disc method.

6. Determination of velocity of sound and compressibility of liquid –Ultrasonic interferometer

7. Determination of dispersive power of prism

Course Outcome:

Upon completion of this course, the students will be able to

- Apply principles of elasticity, optics and thermal properties for engineering applications.