

Department of ME	
B.Tech - I-Year	
CO	Subject Name -CO Statements
C105: Engineering Physics Lab	
CO#	# Student will be able to
C105.1	To understand the interaction of light with the matter by Newton's Rings-Diffraction grating and dispersive power of prism
C105.2	To understand the mechanical behavior of materials by using Torsional pendulum and Melde's& experiment
C105.3	Realize the importance of electrical response of various components by the experiments of LCR Circuit and CR Circuit
C105.4	Know the basic principle of magnetic field along the axis of current carrying coil by using Stewart and Gees method
C105.5	Study the light propagation, amplification and light emission by optical fiber, Laser , LED respectively
C105.6	Understand the knowledge of semiconductor behavior of PN Junction diode and solar cell.