

COURSE OBJECTIVES AND COURSE OUTCOMES

T. Y. B. Sc. SEMESTER - V & VI

PHYSICS PRACTICAL PAPER

SUBJECT: USPHP05 & USPHP06, USPHP07 & USPHP08

Sr. No.	Course Objectives	Course Outcomes
1)	Perform experiments related to Mechanics, optics	Develop the skill to handle experiments like Kater's pendulum, surface tension, Goniometer
2)	Correlate the theory and the experiment	Understand the optical phenomenon like interference, diffraction, double refraction
3)	Gain confidence to handle different instruments and develop the necessary skills	Able to handle instruments like travelling microscope, telescope, spectrometer and optical bench. Solder simple circuits and test them
4)	Design simple electronic circuits	Can design simple electronic circuits using transistors and ICs
5)	Use transistors, IC and study their applications.	Perform experiments using transistors, ICs etc and measure the output using a CRO. Perform error calculation of the experiments performed