

101908/PH922S ENGINEERING PHYSICS LAB

Course Contents and Lecture Schedule

No	Topic	No. of Lectures
1	LCR Circuit – Forced and damped harmonic oscillations	3
2	Melde's string apparatus-Measurement of frequency in the transverse and longitudinal mode	3
3	Wavelength measurement of a monochromatic source of light using Newton's Ring's method.	3
4	Measurement of wavelength of a source of light using grating.	3
5	Spectrometer-Characteristic wavelengths	3
6	I-V characteristics of Solar cell.	3
7	LiFi/Ultrasonic Diffractometer	3
8	Numerical aperture of an optical fibre	3