

Curriculum Plan for 2026-27 odd sem

Prof. Seema Gupta

Vth year GE Waves and oscillations

No. Of period: 1

TOPICS	No. OF LECTURES	MONTH WISE SCHEDULE	Tutorial/Assignment/presentation
Interference of light- Electromagnetic Nature of Light, Definition and properties of wave front, Huygen principle, Interference, Division of amplitude and division of wave front, Young's double slit experiment	5	July - Aug	Numericals
Fresnel's biprism, phase change on reflection, Stoke's treatment, interference in thin films	4	September	Numericals
Parallel and wedge shaped films, Newton's rings- Measurement of wavelength and refractive index	4	October	Test
Malus law, idea of circular and elliptical polarization	3	November	Assignment