

**Govt. College For Girls, Manesar**

**Lesson Plan**

Name of Teacher: Dr. Pushpa		Class: BSC 4 <sup>th</sup> sem
Session: 2022-23 Even Semester		Subject:
Month	Week	Topic
February	3	<sup>Unit 1</sup> Interference by Division of Amplitude
	4	Colour of thin films, wedge shaped film
March	1	Newton Ring, Michelson Interferometer & its application
	2	Standardisation of a meter, Fresnel Diffraction
	3	Fresnel half period zone, zone plate.
	4	Rectangular slit and circular aperture.
April	1	<u>Unit 2</u> : one slit, two slit & N slit Fraunhofer Diffraction
	2	Plane transmission grating spectrum, Dispersive
	3	power, Resolution limit, Rayleigh criterion
	4	Resolving power of telescope and a grating
May	1	<u>Unit 3</u> : Polarization and Double Refraction
	2	Huygen's wave theory of double Refraction
	3	Polarized light, Nicol prism, plane, circular
	4	and elliptically polarized light, Fresnel theory.
June	1	Revision.

*Pushpa*