

SYLLABUS CLASS XII --- (2021-22)**SUBJECT - PHYSICS**

DURATION	SYLLABUS COVERED	SYLLABUS TESTED	PRACTICAL / PROJECT
PT -1 (APR MAY)	1) Dual Nature of radiation and Matter. 2) Electric charges and Fields. 3) Electrostatic potential and capacitance 4) Current electricity 5) Moving charges and Magnetism	1. Dual Nature of radiation and Matter. 2. Electric charges and Fields.	1 To find resistance per cm and hence compute resistivity of the wire by plotting Graph between V and I. 2 To find resistance of wire using metre bridge. 3 To find angle of minimum deviation using prism .
I TERM (JULY)		1) Dual Nature of radiation and Matter. 2) Electric charges and Field 3) Electrostatic Potential and capacitance 4) Current electricity 5) Moving charges and Magnetism	4 To determine resistance of A Galvanometer by half deflection method and to find its figure of merit.
HALF YEARIY (SEP)	6.Magnetism and matter 10. Electromagnetic Waves 11. Nuclei	1) Dual Nature of radiation and Matter. 2) Electric charges and Field 3) Electrostatic Potential and capacitance 4) Current electricity 5) Moving charges and Magnetism 6) Magnetism and Matter 7) 7. Electromagnetic Induction 8) Alternating Current 9) Wave Optics 10) Electromagnetic Waves 11) Nuclei	Activity File
PT –II (JULY AUG)	7. Electromagnetic Induction 8. Alternating Current 9. Wave Optics	7.Electromagnetic Induction 8. Alternating Current	5. To find the frequency of AC mains with a Sonometer. 6. to Find the focal length of a convex lens by plotting graph between u and v. <div style="border: 1px solid black; padding: 5px; width: fit-content;">7. To draw iv characteristics for a p-n</div>

			<p>junction . 8. to find the refractive index of a liquid by using convex lens and plane mirror.</p> <p>Activity File</p>
II TERM (DEC)	12. Ray Optics and Optical Instruments 13. Atoms 14 Semiconductors	FULL SYLLABUS	
PREBOARD (JAN)		FULL SYLLABUS	