



Govt. Science College, Jabalpur

B.Sc 2nd year

Physics

Waves and Optics (Major1)

Course Learning Outcomes (CLO)

- Develop an understanding of various aspects of harmonic oscillations and waves specially superposition of collinear and perpendicular harmonic oscillations.
- Explain several phenomena of daily life that can be explained as wave phenomena.
- Understand various optical phenomena, principles, working and application.
- Use the principles of wave motion and superposition, interference and diffraction.



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B.Sc. 2 Year

Physics

Electricity Magnetism and Electromagnetic theory (Major 2/ Minor/ Elective) Course Learning Outcomes (CLO)

- Understand the basic concepts of electricity and magnetism and their applications.
- Apply various network theorems and their applications in electronics, electrical circuit analysis, and electrical machines.
- Understand the construction and working of ballistic galvanometer and cathode ray oscilloscope.
- Understand the concept of electromagnetic Waves and their reflection and refraction from an plane surface.