

Dayanand Mahila Mahavidyalaya, Kurukshetra

Lesson Plan (Even Semester)

Session 2025-26 (12.01.2026 to 05.05.2026)

Name of teacher: ...Mr. Kishan.....

Subject.....Physics.....

Date	Day	Class..B.Sc. 1st year	Class..B.Sc. 2nd year	Class..B.Sc. 3rd year
		Semester..II nd	Semester..IV th	Semester..VI th ..
12.01.2026	Monday		Young's double slit exp, coherence, condition interference	Intrinsic, Extrinsic, p-n junction diode
13.01.2026	Tuesday		Fresnel's biprism and its application	V-I characteristics, Ideal diode,
14.01.2026	Wednesday		wavelength of sodium light	Zener & Avalanche Break down
15.01.2026	Thursday	Gradient of a scalar, Line, surface, Volume int.		
16.01.2026	Friday	Flux of a vector field, Divergence and Curl.		
17.01.2026	Saturday	Gauss's divergence Thm		
19.01.2026	Monday		Thickness of Micro sheet, phase change reflection	Zener diode as voltage regulation
20.01.2026	Tuesday		Plane parallel Thin film	Photo diode, LED, Solar cell
21.01.2026	Wednesday		Production of Thin films, classification of fringes	Efficiency, Tripple factor
22.01.2026	Thursday	Stoke's Thm.; Conservation nature of Electrostatic		
23.01.2026	Friday	Sir Chhotu Ram Jayanti/Basant Panchmi		
24.01.2026	Saturday	Electrostatic Potential, Potential difference		
26.01.2026	Monday	Republic Day		
27.01.2026	Tuesday		Interference due to transmitted light	Comparison of rectifiers
28.01.2026	Wednesday		wedge shaped film, Newton's ring	clipping, clamping circuit
29.01.2026	Thursday	Laplace and Poisson eqn., Electric Flux		
30.01.2026	Friday	Gauss's Law		
31.01.2026	Saturday	Differential form of Gauss Law with application		
02.02.2026	Monday		Revision	Voltage Multiplier circuits, Double, Tripple
03.02.2026	Tuesday		Huygens - Fresnel's Theory assumption,	Revision
04.02.2026	Wednesday		rectification, propagation of light	The bipolar junction transistor, Trans action

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		Semester. IIIrd...	Semester. IVth...	Semester. Vth...
05.02.2026	Thursday	Mechanical force of charged surface		Transistor circuit
06.02.2026	Friday	Energy per unit volume		Current amplification factor
07.02.2026	Saturday	Revision		Not
09.02.2026	Monday		Diffraction at a straight edge, circular aperture	Transistor circuit configuration
10.02.2026	Tuesday		rectangular slit, narrow slit	current amplification factor
11.02.2026	Wednesday		narrow wire	relationship
12.02.2026	Thursday	Biot-Savart Law and its application		
13.02.2026	Friday	Current loop as a Magnetic Dipole		
14.02.2026	Saturday	Dipole moment, Ampere's circuital law		
16.02.2026	Monday		Single slit diffraction, double slit diffraction	Comparison of Transistor characteristics
17.02.2026	Tuesday		Transmission grating	CB, CE amplifiers
18.02.2026	Wednesday		spectrum, dispersive power, limit resolution	CC amplifiers, Transistor Biasing
19.02.2026	Thursday	Solenoid, Toroid, curl and divergence		
20.02.2026	Friday	Force on a dipole in an external field		
21.02.2026	Saturday	Electric current in atoms		
23.02.2026	Monday		Rayleigh's criterion	Selection of operating point, Load Line
24.02.2026	Tuesday		Resolving power of telescope & grating	Methods of Transistor biasing, stabilization
25.02.2026	Wednesday		Revision	Revision
26.02.2026	Thursday	Electric spin, Magnetic moment, types		
27.02.2026	Friday	Magnetization vector, H , Susceptibility		
28.02.2026	Saturday	Permeability, Relation b/w B , H , M		
01.03.2026 to 8.03.2026		Holi Vacations		
09.03.2026	Monday		Polarization by reflection	RC coupled amplifier, classification of amplifier
10.03.2026	Tuesday		refraction, scattering	class A, B, AB, C amplifiers
11.03.2026	Wednesday		Malus Law, Phenomenon of double refraction	Principle, Type of feedback
12.03.2026	Thursday	Electronic Theory of dia, paramagnetism		

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13.03.2026	Friday	Domain Theory of Ferro, cycle of B-H curve		
14.03.2026	Saturday	Energy dissipation and its importance		
16.03.2026	Monday		Huygen's wave theory of double refraction	Voltage gain, advantage of negative feedback
17.03.2026	Tuesday		Analysis of polarized light	Stabilization of gain
18.03.2026	Wednesday		Nicol prism, Quarter wave plate	reduction in frequency distortion
19.03.2026	Thursday	Revision		
20.03.2026	Friday	Electromagnetic induction, Faraday's law, Lenz's law		
21.03.2026	Saturday	Id-ul-Fitr		
23.03.2026	Monday	Shaheedi Diwas		
24.03.2026	Tuesday		production & detection of plane polarized light	Non-linear distortion, noise
25.03.2026	Wednesday		circularly, Elliptically	effect of negative feedback on input R
26.03.2026	Thursday	Ram Navami		
27.03.2026	Friday	Self Inductance, Mutual Inductance		
28.03.2026	Saturday	Energy stored in magnetic field, Derivation of eqn		
30.03.2026	Monday		Optical activity, Fresnel's Theory of optical	Output impedance, band width
31.03.2026	Tuesday	Mahavir Jayanti		
01.04.2026	Wednesday		specific rotation, polarimeter	Emitter Follower circuit
02.04.2026	Thursday	Displacement current, Maxwell eq. indifferental		
03.04.2026	Friday	In integration, phy- sical significance		
04.04.2026	Saturday	Electromagnetic wave Transverse nature		
06.04.2026	Monday		Revision	Revision
07.04.2026	Tuesday		Basic concept of absorption & emission	Damped and undamped oscillation
08.04.2026	Wednesday		amplification & population inversion	Oscillatory circuit, principle
09.04.2026	Thursday	Energy transported, Poynting vector & T_{avg}		
10.04.2026	Friday	Propagation of Plane electromagnetic wave		
11.04.2026	Saturday	Revision		

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13.04.2026	Monday		Main components of Lasers with properties	Condition of self sustained oscillation
14.04.2026	Tuesday	Dr. B.R. Ambedkar Jayanti/Vaisakhi		
15.04.2026	Wednesday		characteristics	Barkhausen criteria Essential of Transistor
16.04.2026	Thursday	Electric current & current density		
17.04.2026	Friday	Electrical conductivity and ohmic law		
18.04.2026	Saturday	Kirchoff's Law for D.C. network		
20.04.2026	Monday		Directionality, intensity, coherence	Selection of oscillator, classification
21.04.2026	Tuesday		Excitation mechanism	LC oscillators, Tuned collector
22.04.2026	Wednesday		Types of lasers and its application	Tuned Base
23.04.2026	Thursday	Thevenin's Thm, Norton Thm		
24.04.2026	Friday	Superposition Thm		
25.04.2026	Saturday	A resonance circuit, Phasor		
27.04.2026	Monday		Optical Fibres, principle of light propagation	Hastley oscillator, Colpitt's oscillator
28.04.2026	Tuesday		Acceptance angle, Type	RC oscillator
29.04.2026	Wednesday		Advantage & disadvantage	Phase shift, Wein Bridge oscillator
30.04.2026	Thursday	Complex Resonance, RL, RC, LC circuits		
01.05.2026	Friday	Series LCR circuit, Parallel LCR circuit		
02.05.2026	Saturday	Revision		
04.05.2026	Monday		Optic sensors, Bragg Grating	Revision
05.05.2026	Tuesday		Revision	Revision
06.05.2026	Wednesday	Examination onwards		