

**BAGARIA BAL VIDYA NIKITAN****LAXMANGARH-SIKAR****SYLLABUS & LESSON PLANNER-2023-24**

<b>Class:-</b>	<b>XII</b>
<b>Subject:-</b>	<b>PHYSICS</b>
<b>Teacher Name:-</b>	<b>SUMIT SAINI</b>

**SYLLABUS**

<b>Ch.No</b>	<b>Name of Chapter</b>	<b>working day</b>	<b>Period</b>	<b>Topic</b>	<b>Month</b>	<b>Week</b>
9	LIGHT	22	18	REFRACTION AND REFLECTION OF LIGHT	APRIL	3
				TOTAL INTERNAL REFLECTION		
				PRISM AND LENSES		3
				OPTICAL DEVICE		
				APPLCANTIONS OF TIR		
1	ELECTRIC CHARGES AND FIELDS	11	15	CHARGES	MAY	3
				PROPERTY OF CHARGES		
				COULOMB LAW OF FORCE		
1	ELECTRIC CHARGES AND FIELDS	13	11	ELECTRIC FIELD	JUNE	1
				PROPERTY OF FIELD LINES		
				ELECTRIC FLUX		
				GAUSS LAW AND APPLICATION		
				ELECTRIC POTENTIAL	JULY	2
				ELECTRIC ENERGY		

2	ELECTROSTATICS POTENTIAL AND CAPACITANCE	25	24	CAPACITOR		
				DIPOLE		
14,11	SEMICONDUCTORS AND DUAL NATURE OF RADIATION AND MATTER	26	24	SEMICONDUCTORS	AUGUST	4
				P AND N TYPE SEMICONDUCTORS		
				PN JUNCTION		
				RECTIFIR		
				PHOTO ELECTRIC EFFECT		
10,12	WAVE OPTICS AND ATOMS	24	23	HUYGENS PRINCIPLE	SEPTEMBER	4
				YOUNG DOUBLE SLIT EXPERIMENTS		
				BOHR MODEL OF ATOM		
	REVISION	9	8		OCTOBER	0
3,4	CURRENT ELECTRICITY AND MOVING CHARGES AND MAGNETISM	22	24	OHMS LAW AND LIMITATIONS	NOVEMBER	4
				RESISTANCE AND COMBINATION		
				BIOT SAVART LAW OF MAGANTISM		
				AMPERES LAW		
5,6,7	MAGNETISM AND MATTER,EMI AND AC	24	18	MAGNET AND MAGNETISM	DECEMBER	3
				EMI		
				LENZ LAW		
				AC		

				LCR CIRCUIT		
8 AND 13	EM WAVES AND NUCLEI	24	24	EM WAVES	JANUARY	2
				NUCLEI		
				NUCLEAR FORCE		
		25			FEBRUARY	4
		9			MARCH	0