

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

<b>Class:-</b>	<b>XI SCI</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>
CHAP 2 and 3	units and measurements, Motion in a straight line	26	8	Need of measurement		
				system of measurement	July	2
				Significant figures		
				differentiation and integrals		
				displacement,distance and acceleration		
CHAP 4 and 5	Motion in a plane and laws of motion	23	14	Scalar and Vectors		
				scalar and vector product	AUGUST	4
				Motion in a plane		
				uniform circular motion		
				momentum and NLM		
CHAP 6 AND 7	work, Energy and power and System of a particles and rotational motion	25	16	work done by constant force	SEPTEMBER	4
				work energy theorem and potential energy		
				center of mass of two particles, momentum conservation		
				radius of gyration		
					OCTOBER	0

CHAP 2,3,4,5,6,AND 7	REVISION	17				
Ch-8 and 9	Gravitation and mechanical property of solid	25	18	Kepler's law of planetary motion		
				universal law of gravitation	NOVEMBER	4
				GPE and gravity		
				Hooke law		
				stress and strain		
ch 10, 11 and 12	mechanical property of fluids Thermal property of matter Thermodynamics	21	18	pressure due to fluid column		
				effects of gravity on fluids pressure	DECEMBER	3
				bernoulli's theorem and application		
				heat, temperature and latent heat		
				isothermal, isobaric process		
ch 13,14 and 15	kinetic theory, oscillations and waves	26	8	periodic motion, SHM		
				waves and types		
				principle of superposition	JANUARY	2
8,9,10,11,12,13,14an		23	15	FEBRUARY		4
		24				
					march	