

SYLLABUS XI (Physics) 2021-22
SUBJECT

DURATION	SYLLABUS COVERED	SYLLABUS TESTED	PRACTICAL/ PROJECT
UT -1 (JULY-AUG)	Ch-2 Units and measurements Ch-3 Motion in a straight line Ch-4 Motion in a plane	Ch-2 Units and measurements Ch-3 Motion in a straight line	<ol style="list-style-type: none"> 1. To find the volume of a sphere, cube, cylinder , beaker using vernier calliper. 2. To find the volume of a wire and thickness of sheet using screw gauge.
HALF YEARLY (SEPT)	Ch-5 Laws of Motion Ch-6 Work Energy and Power	Ch-2 Units and measurements Ch-3 Motion in a straight line Ch-4 Motion in a plane Ch-5 Laws of motion Ch-6 Work Energy and Power	<ol style="list-style-type: none"> 3. To find the value of g by using a simple pendulum.
UT2 (OCT-NOV)	Ch-7 System of particles and rotational motion Ch-8 Gravitation Ch-9 Mechanical Properties of solids Ch-10 Mechanical Properties of fluids	Ch-7 System of particles and rotational motion Ch-8 Gravitation Ch-9 Mechanical Properties of solids	<ol style="list-style-type: none"> 4. To find the value of k by load extension method 5. To study the relation between the force of limiting friction and normal

			<p>reaction.</p> <p>6. Determine the radius of curvature of spherical surface using spherometer.</p> <p>7. Sonometer *(telation between frequency and length)</p>
I TERM (JAN)	<p>Ch11-Thermal Properties of matter</p> <p>Ch12 Thermodynamics</p> <p>Ch13 Kinetic theory of gases</p> <p>Ch14 Oscillations</p> <p>Ch15 waves</p>	FULL SYLLABUS	
ANNUAL EXAMS (FEB)		FULL SYLLABUS	