

Weekly Distribution of Syllabus(September 2021)

Class-XI

Subject- PHYSICS

Month	Week	Name of Chapter	Topics/Content
September'20 21	1st (06 Sept - 11 Sept)	5.Laws of Motion	Introduction, Law of Inertia, Newton's 1st law of motion
			Newton's 2nd Law of motion, Conservation of momentum
			Newton's 3rd Law of motion, Equilibrium of a particle, common forces in nature
	2nd (13 Sept - 18 Sept)	5.Laws of Motion	Friction, static ,limiting and kinetic friction
			Laws of friction Rolling Friction
	3rd (20 Sept - 25Sept)	5.Laws of Motion/ 6. Work Energy Power	Circular motion, Common problems in mechanics
			Centripetal force, Applications-Bending of cyclists and Banking of roads
			Work done by constant and variable force, Kinetic Energy ,Work Energy theorem
	4th (27 Sept - 02 Oct)		Revision and SAT

Weekly Distribution of Syllabus (September 2021)				
Class-XII				
Subject- PHYSICS				
Month	Week	Name of Chapter	Topics/Content	
September' 2021	1st (06 Sept - 11 Sept)	4.Moving Charges and Magnetism	Orsted Expt. Biot savart's law & applications	
			Mag field at the centre of circular current carrying loop	
			Mag field at the axis of circular current carrying loop	
	2nd (13 Sept - 18 Sept)	4.Moving Charges and Magnetism	Ampere's circuital law	
			Applications of Ampere's Circuital Law	
			Force on charge particles in electric field	
	3rd (20 Sept - 25Sept)	4.Moving Charges and Magnetism	Force on charge particles in magnetic field, Lorentz force, Velocity filter	
			Force on current carrying conductor/parallel conductors in mag field	
			Moving coil galvanometer, current and voltage sensitivity	
			Ammeter and Voltmeter	
	4th (27 Sept - 02 Oct)	Revision and SAT		