

Annual Syllabus Plan- PHYSICS – Class XII

Month	Topics to be covered	Planned Assessments / Tests	Projects/ Revision
April	Electric force and field Gauss theorem and its applications Electric potential	Assignment	Demonstration Activities
May	Capacitance Electric Current E.M.F And Terminal potential difference Combination of resistors and cells	Assignment	Investigatory project idea discussion
June	*Summer Vacation*		Additional exercise to be given for reinforcement Activity file preparation
July	Kirchoff's laws and their application Magnetic effect of Current Magnetism Electromagnetic induction	Periodic Written Test I	Revision of April-May topics
August	Electromagnetic induction Alternating current through R,L,C A C Generator Transformer	Class Test	Practical file completion
September	E M waves Ray Optics Wave Optics	Periodic Written Test II	Focus on competency based questions
October	Modern physics Atoms and nuclei Semi conductors	Class Test	Project submission deadline
November	Board Exam Preparation-Sample paper discussion and other important topics	Pre Board I	Final Practical file check
December	Board Exam Preparation- Sample paper discussion and other important topics	Pre Board II	Sample paper practice
January	Board exams -practical		Board Practical exam
February		CBSE Board Exam	