

Course Curriculum

Class XI | 2 Year Program

Medium: Eng./Hin. | Academic Session 2021-22

Course Start: 22.06.21 | 11th Syllabus End: 05.02.22

Target: JEE (Main+Advanced) 2023

Total Academic Hours

Course Duration: 33 weeks

Total No. of Lectures: 456 (P: 142 | C: 171 | M: 143)

Duration of one lecture: 1.5 hrs = 90 minutes

Total Duration of Classroom Teaching: 684 hrs

Total Duration of Testing Hours: 54 hrs

Total Academic Hours in Course: 738 hrs

Subject Wise Syllabus Plan

PHYSICS [P]				CHEMISTRY [C]				MATHEMATICS [M]			
S. No.	Topic Name/Sequence	No of Lectures	Starting Date	S. No.	Topic Name/Sequence	No of Lectures	Starting Date	S. No.	Topic Name/Sequence	No of Lectures	Starting Date
1	Mathematical Tools	12	21-Jun-21	PHYSICAL/ INORGANIC				1	Fundamentals of Mathematics-I	16	21-Jun-21
2	Rectilinear Motion	7	12-Jul-21	1	Introduction to Chemistry	4	21-Jun-21	2	Quadratic Equation	12	19-Jul-21
3	Projectile Motion	9	22-Jul-21	2	Atomic Structure	14	05-Jul-21	3	Trigonometry	15	09-Aug-21
4	Relative Motion	6	09-Aug-21	3	Mole Concept	11	23-Aug-21	4	Sequence & Series	10	02-Sep-21
5	NLM	10	18-Aug-21	4	Gaseous State-1	9	14-Sep-21	5	Mathematical Reasoning	4	16-Sep-21
6	Friction	5	03-Sep-21	5	Gaseous State-2	5	29-Sep-21	6	Fundamentals of Mathematics-II	7	22-Sep-21
7	Work, Power & Energy	9	10-Sep-21	6	Chemical Equilibrium	9	07-Oct-21	7	Binomial Theorem	10	01-Oct-21
8	Circular Motion	7	23-Sep-21	7	Thermodynamics & Thermochem.	15	25-Oct-21	8	Permutation & Combination	11	15-Oct-21
9	Centre of Mass	10	04-Oct-21	8	s-Block	5	30-Nov-21	9	Straight Line	13	11-Nov-21
10	Rigid Body Dynamics	14	18-Oct-21	9	p-Block (13-14 groups)	6	08-Dec-21	10	Solution of Triangle	7	29-Nov-21
11	Simple Harmonic Motion	8	17-Nov-21	10	Ionic Equilibrium (Elementary)	10	20-Dec-21	11	Statistics	4	08-Dec-21
12	Fluids	5	29-Nov-21	11	Ionic Equilibrium (Advanced)	6	05-Jan-22	12	Circle	12	14-Dec-21
13	Surface Tension	2	06-Dec-21	ORGANIC				13	Conic Section	18	30-Dec-21
14	Elasticity and viscosity	3	08-Dec-21	1	IUPAC Nomenclature	10	21-Jun-21	14	Revision	4	
15	String waves	9	13-Dec-21	2	Structural Isomerism	4	26-Jul-21				
16	Sound Waves	8	24-Dec-21	3	Structural identification	4	09-Aug-21				
17	KTG & Thermodynamics	9	05-Jan-22	4	POC-I	6	23-Aug-21				
18	Calorimetry & Thermal Expansion	4	18-Jan-22	5	Periodic Table	7	07-Sep-21				
19	Measurement & Error	3	24-Jan-22	6	BIN	3	22-Sep-21				
20	Unit & Dimension	2	27-Jan-22	7	Chemical Bonding	24	29-Sep-21				
				8	GOC-I	8	07-Dec-21				
				9	GOC-II	9	27-Dec-21				
				10	Environmental Chemistry	2	24-Jan-22				
	Total No. of Lectures	142			Total No. of Lectures	171			Total No. of Lectures	143	

DPP Distribution Schedule

S.No.	Date	Week	Module
1	Monday, 21 June, 2021	W-1	A
2	Monday, 6 September, 2021	W-12	B
3	Monday, 8 November, 2021	W-21	C

Note: Test schedule will be provided once you opt for the program.
 Note: 2nd year part of the curriculum will be updated as the program progresses. Tentatively, it'll follow last year's pattern.