



COURSE PLANNER

CLASS-XIII | VISHESH (01JD)

Medium: Eng./Hin. Academic Session: 2019-20

Course Start: 15.04.2019 | Syllabus End: 28.12.2019

Target: JEE (Main+Advanced) 2020

TOTAL ACADEMIC HOURS

- ◆ Course Duration: 37 Weeks
- ◆ Total Number of Lectures: 546 (P: 178 | C: 190 | M: 178)
- ◆ Duration of one lecture: 1.75 hrs = 105 minutes
- ◆ Total Duration of Classroom Teaching: 956 hrs
- ◆ Total Duration of Testing Hours (ACTs/APTs/MCTs/MT/AIOT): 90 hrs
- ◆ Total Academic Hours in VISHESH Course: 1046 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	Rectilinear Motion	4	15.04.19	1	Mole Concept	6	15.04.19	1	Fundamental of Mathematics	12	15.04.19
2	Projectile Motion	3	22.04.19	2	Quantum Mechanical Model of Atom	2	29.04.19	2	Quadratic Equation	7	06.05.19
3	Relative Motion	6	25.04.19	3	Periodic Table	3	01.05.19	3	Relation, Function & ITF	13	16.05.19
4	Geometrical Optics	21	07.05.19	4	Real Gases	4	08.05.19	4	Statistics	2	06.06.19
5	NLM	6	10.06.19	5	Chemical Bonding-I, II, III, IV & V	12	20.05.19	5	Sequence & Series	5	10.06.19
6	Friction	3	18.06.19	6	Chemical Equilibrium	6	17.06.19	6	Matrices & Determinants	9	17.06.19
7	WPE	5	21.06.19	7	Ionic Equilibrium (Elementary)	6	01.07.19	7	Straight Line	10	28.06.19
8	Electrostatics	16	28.06.19	8	Coordination Compounds	8	15.07.19	8	Circle	7	12.07.19
9	Gravitation	3	22.07.19	9	Electrochemistry	8	05.08.19	9	Limit Continuity & Derivability	11	23.07.19
10	Current Electricity	7	25.07.19	10	Metallurgy	3	26.08.19	10	Application of Derivatives	13	08.08.19
11	Capacitance	7	06.08.19	11	Qualitative Analysis-1	5	02.09.19	11	Solution of Triangle	3	28.08.19
12	Circular Motion	4	16.08.19	12	p-block elements (H & N gases)	3	10.09.19	12	Conic Section	15	02.09.19
13	Centre of Mass	7	22.08.19	13	Chemical Kinetics	7	16.09.19	13	Indefinite Integration	6	20.09.19
14	RBD	11	02.09.19	14	Qualitative Analysis-2	5	27.09.19	14	Definite Integration & Its Application	13	27.09.19
15	SHM	7	17.09.19	15	Solution & Colligative Properties	7	07.10.19	15	Differential Equation	5	15.10.19
16	String Waves	5	25.09.19	16	Surface Chemistry	3	18.10.19	16	Mathematical Reasoning	3	21.10.19
17	Sound Wave	7	01.10.19	17	s-block element	2	04.11.19	17	Vector & 3D	13	04.11.19
18	Wave Optics	4	10.10.19	18	Solid State	6	06.11.19	18	Complex No.	10	19.11.19
19	EM Wave	1	15.10.19	19	p-block elements (N & O gases)	4	18.11.19	19	Binomial Theorem	6	02.12.19
20	Semiconductor	3	16.10.19	20	Thermodynamics & Thermochemistry	7	25.11.19	20	Permutation & Combination	10	09.12.19
21	POC	2	19.10.19	21	p-block (B & C family)	3	05.12.19	21	Probability	5	23.12.19
22	EMF	6	22.10.19	22	Equivalent Concept	3	11.12.19				
23	EMI	6	08.11.19	23	d block element	2	17.12.19				
24	Alternating Current	3	15.11.19	24	Ionic Equilibrium (Advanced)	4	19.12.19				
25	Modern Physics	5	19.11.19								
26	Nuclear Physics	4	27.11.19								
27	Fluid Mechanism	4	02.12.19								
28	Surface Tension	3	06.12.19								
29	Elasticity & Viscosity	1	10.12.19								
30	KTG & Thermodynamics	7	11.12.19								
31	Calorimetry & Thermal Expansion	3	20.12.19								
32	Heat Transfer	4	24.12.19								
Total No. of Lectures		178		Total No. of Lectures		190		Total No. of Lectures		178	

- IMPORTANT:** 1. Revision Plan 1 (JEE-Main) will get distributed in first week of Jan 2020
2. Revision Plan 2 (JEE-Advanced) will get distributed in first week of April 2020

DPP DISTRIBUTION & DISCUSSION SCHEDULE

S.No.	DATE	PHYSICS	CHEMISTRY	MATHS
1	15 Apr to 07 Sep 19	Module-A	Module-A	Module-A
2	08 Sep to 28 Dec 19	Module-B	Module-B	Module-B

COUNSELING SESSIONS SCHEDULE*

WEEK
03 - 08 June 2019
15 - 20 July 2019
14 - 19 October 2019

RESONANCE EDUVENTURES LTD.

PERIODIC TEST SCHEDULE & RESULT COMMUNICATION

S. No.	Periodic Test Type and No.	Test Pattern	Periodic Test Date	Uploading of Result on Website	Periodic Test Syllabus			Testing Hours	
					Physics	Chemistry	Mathematics		
					Physical/ Inorganic	Organic			
1	APT-1	JEE (Adv.)	19-05-19 (Sunday)	30-05-19 (Thursday)	Rectilinear Motion, Projectile Motion, Relative Motion, Geometrical Optics up to plane mirror	Mole Concept + Quantum Mechanical model of atom (GMM) (All Chemlinks and Handouts Till date)	IUPAC Nomenclature & Structural Isomerism	Fundamentals of Mathematics	6
2	MCT-1	JEE (Main)	02-06-19 (Sunday)	13-06-19 (Thursday)	Rectilinear Motion, Projectile Motion, Relative Motion, Geometrical Optics up to lens formula.	Mole concept, GMM, Periodic Table & Real Gas, Chemical Bonding (All Chemlinks and Handouts Till date)	IUPAC Nomenclature, Structural isomerism, Structure Identification & POC-I, GOC-I (upto stability of resonating structure)	Fundamentals of Mathematics, Quadratic Equation,	3
3	ACT-1	JEE (Adv.)	16-06-19 (Sunday)	27-06-19 (Thursday)	Rectilinear Motion, Projectile Motion, Relative Motion, Geometrical Optics	Mole concept, GMM, Periodic Table & Real Gas, Chemical Bonding (upto Chemical Bonding-4) (All Chemlinks and Handouts Till date)	IUPAC Nomenclature, Structural isomerism, Structure Identification & POC-I, GOC-I Complete	Fundamentals of Mathematics, Quadratic Equation, Function & IFF	6
4	MCT-2	JEE (Main)	14-07-19 (Sunday)	25-07-19 (Thursday)	Rectilinear Motion, Projectile Motion, Relative Motion, Geometrical Optics, NLM, Friction, WPE, Electrostatics up to Electric potential due solid sphere.	Mole concept, GMM, Periodic Table & Real Gas, Chemical Bonding, Chemical Equilibrium, Ionic Equilibrium (Elementary) (upto salt hydrolysis) (All Chemlinks and Handouts Till date)	POC-I, GOC-I & GOC-II (upto Stereoisomerism upto Basic strength of organic compounds)	Fundamentals of Mathematics, Quadratic Equation, Relation, Function & IFF, Statistics, Sequence & Series, Matrices & Determinant	3
5	APT-2	JEE (Adv.)	04-08-19 (Sunday)	14-08-19 (Wednesday)	Geometrical Optics, NLM, Friction, WPE, Electrostatics.	Periodic Table, Real Gas, Chemical Bonding, Chemical Equilibrium, Ionic Equilibrium & Coordination compounds (upto VBT) (All Chemlinks and Handouts Till date)	POC-I, GOC-I & GOC-II, Stereoisomerism (upto Geometrical Isomers)	Quadratic Equation, Function & IFF, Sequence & Series, Matrices & Determinant, Straight Line, Circle	6
6	ACT-2	JEE (Adv.)	18-08-19 (Sunday)	29-08-19 (Thursday)	Rectilinear Motion, Projectile Motion, Relative Motion, Geometrical Optics, NLM, Friction, WPE, Electrostatics, Gravitation, Current Electricity & Capacitance up combination of capacitors.	Mole concept, GMM, Periodic Table, Real Gas, Chemical Bonding, Chemical Equilibrium, Ionic Equilibrium (Elementary), Coordination compounds, Electrochemistry (upto Concentration cells) (All Chemlinks and Handouts Till date)	GOC-I & GOC-II, Stereoisomerism (Mains), ORM-I (upto Nucleophilic addition reaction)	Fundamentals of Mathematics, Quadratic Equation, Function & IFF, Sequence & Series, Matrices & Determinant, Straight Line, Circle, Limits, Continuity & Derivability	6
7	MCT-3	JEE (Main)	08-09-19 (Sunday)	19-09-19 (Thursday)	Rectilinear Motion, Projectile Motion, Relative Motion, Geometrical Optic, NLM, Friction, WPE, Electrostatics, Gravitation, Current Electricity, Capacitance, Circular motion, CoM.	Mole concept, GMM, Periodic table, Real Gas, Chemical Bonding, Chemical Equilibrium, Ionic Equilibrium (elementary), Coordination compounds, Electrochemistry, Metallurgy (All Chemlinks and Handouts Till date)	Stereoisomerism (Mains), ORM-I & ORM-II	Fundamentals of Mathematics, Quadratic Equation, Relation, Function & IFF, Statistics, Sequence & Series, Matrices & Determinant, Straight Line, Circle, Limits, Continuity & Derivability, Application of Derivatives	3
8	APT-3	JEE (Adv.)	06-10-19 (Sunday)	17-10-19 (Thursday)	Current Electricity, Capacitance, Circular Motion, Centre of Mass, RBD, SHM, String Waves.	Coordination compounds, Electrochemistry, Metallurgy, Qualitative Analysis-I, p-Block(Halogen & Noble gases), Chemical Kinetics & Radioactivity (All Chemlinks and Handouts Till date)	ORM-I & ORM-II, Reduction, Oxidation & Hydrolysis, ORM-III	Limits, Continuity & Derivability, Application of Derivatives, Solution of Triangle, Conic Section, Indefinite Integration	6
9	ACT-2	JEE (Adv.)	24-11-19 (Thursday)	05-12-19 (Thursday)	Rectilinear Motion, Projectile Motion, Relative Motion, Geometrical Optic, NLM, Friction, WPE, Electrostatics, Gravitation, Current Electricity, Capacitance, Circular Motion, Centre of Mass, RBD, SHM, String Waves, Sound Waves and Wave Optics, EMF, EMR, AC.	Mole concept, GMM, Periodic table, Real Gas, Chemical Bonding, Chemical Equilibrium, Ionic Equilibrium (elementary), Coordination compounds, Electrochemistry, Metallurgy, Qualitative Analysis-I, p-Block(Halogen & Noble gases), Chemical Kinetics & Radioactivity, Qualitative Analysis-II, Solution & Colligative Properties & Surface Chemistry, s-block Elements, Solid State (All Chemlinks and Handouts Till date)	Reduction, Oxidation & Hydrolysis, ORM-III, Aromatic Compound, Preparation of Hydrocarbon & Carbonyl compounds (upto Condensation reaction)	Fundamentals of Mathematics, Quadratic Equation, Function & IFF, Sequence & Series, Matrices & Determinant, Straight Line, Circle, Limits, Continuity & Derivability, Application of Derivatives, Solution of Triangle, Conic Section, Indefinite Integration, Definite Integration & Its Application, Differential Equation, Vector & 3-D (upto cross product of two vectors)	6
10	APT-4	JEE (Adv.)	15-12-19 (Saturday)	26-12-19 (Thursday)	EMF, EMR, AC, Modern Physics-I, Nuclear Physics, Fluid Mechanics, Surface Tension.	Qualitative Analysis-II, Solution & Colligative Properties & Surface Chemistry, s-block, Solid State, p-Block(N & O), Thermodynamics & Thermochemistry (All Chemlinks and Handouts Till date)	Aromatic Compound, Preparation of Hydrocarbon, Carbonyl compounds & Acid & derivatives	Definite Integration & Its Application, Differential Equation, Vector & 3-D, Complex Number, Binomial Theorem	6
11	AOT-1	JEE (Main)	29-12-19 (Sunday)	09-01-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
12	M/MT-1	JEE (Main)	31-12-19 (Monday)	09-01-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
14	M/MT-2	JEE (Main)	02-01-20 (Thursday)	10-02-20 (Friday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
15	AOT-2	AOT (Main)	16-02-20 (Sunday)	20-02-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
16	JPT-1	JEE (Main)	15-03-20 (Sunday)	19-03-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
17	JPT-2	JEE (Main)	22-03-20 (Sunday)	26-03-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
18	JPT-3	JEE (Main)	29-03-20 (Sunday)	02-04-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
19	JPT-1	JEE (Adv.)	26-04-20 (Sunday)	30-04-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	6
20	AOT	JEE (Adv.)	03-05-20 (Sunday)	07-05-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	6
21	JPT-2	JEE (Adv.)	10-05-20 (Sunday)	14-05-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	6

Date of Reshuffling of Batches: 09.06.2019, 01.09.2019

Note: 1. Students are advised to refer their notice board for test timings | 2. Their will be no classes on the preceding saturday before every PTs/CTs (except BPTs).
3. Student can submit their request to Result Section for re-evaluation in two working days after first display of result.

TOTAL TESTING HOURS

90