

COURSE PLANNER

For Students of

CLASS-XII | VISHWAAS (01JF)

Target: JEE (Main + Advanced) 2019

Medium: English | Hindi

COURSE CONCEPT

The course progresses with basic fundamental study; covering upon the syllabus of boards (At Kota study centre) alongwith the preparation for JEE (Main + Advanced). The course helps in development of concepts, rigorous practice for board exams, enhancement of analytical thinking and increasing the confidence level of aspirant.

Course Commencement: 02.04.2018 | Course End: 05.01.2019

RESONANCE TEACHING METHODOLOGY

Preparation for JEE (Main + Advanced)

Classroom Teaching
Daily Practice Problems (DPPs)
Study Material (Sheets/Modules)
APT - Advanced Pattern Part Test
ACT - Advanced Pattern Cumulative Test
MCT - Main Pattern Cumulative Test
Doubt Classes

Preparation for Board Examination

Classroom Teaching & NCERT Book Discussion
Resonance Board Worksheets (RBWs)
Study Material (Sheets/Modules)
Board (BPTs) Pattern Tests
Doubt Classes
Support for Fourth Subject (English)*
Support for Fifth Subject*
Support for Practical (Physics & Chemistry)

*The support for Fourth subject (English), Fifth subject & Practical is provided by the institute to students on Optional & Nominal Chargeable basis.

TEACHING/ LEARNING TOOLS

- ◆ **Daily Practice Problems (DPPs):** A handout having problems for home assignment, practice and classroom discussion covering current and previous topics. A DPP for JEE (Advanced) has 7-10 problems and DPP for JEE (Main) contains upto 20 problems.
- ◆ **Board Worksheet:** Questions on board pattern with blank spaces (to write their answers) are provided to students in the form of worksheets. Students after completing the worksheet; have to submit it for evaluation. It ensures written practice of students for board examinations.
- ◆ **Study Material (Sheets/Modules):** Topic wise study material having key concepts, problems for practice in various Exercise Levels and questions asked in previous years (Board/JEE (Main)/JEE (Advanced)).
- ◆ **Periodic Tests:** Periodic Tests are conducted having part syllabus (Part Tests - PTs) with many problems of seen nature and Tests comprising of the syllabus taught till date (Cumulative Tests - CTs) with unseen problems. Both PTs and CTs are conducted on the pattern of JEE (Main and Advanced) in offline and online mode. Board Practice Tests (BPTs) are also conducted.

Holidays/ Vacations (Total: 13-Days): 1. Independence Day: 15th August, 2018 : One Day, 2. Raksha Bandhan: 26th August, 2018: One Day, 3. Deepawali Holidays: From 05th November, 2018 (Monday) to 14th November, 2018 (Wednesday): 10 Days, 4. Republic Day: 26th January, 2019: One Day (Applicable only at Kota SC and at other SCs Deepawali vacation will be informed to students as per respective SC holiday calendar)

TOTAL ACADEMIC HOURS

- ◆ **Course Duration:** 40 Weeks
- ◆ **Total Number of Lectures: 588** (P: 196 | C: 196 | M: 196)
- ◆ **Duration of one lecture:** 1.5 hrs = 90 minutes
- ◆ **Total Duration of Classroom Teaching:** 882 hrs
- ◆ **Total Duration of Testing Hours (ACTs/APTs/MCTs/BPTs/MT/AIOT):** 102 hrs
- ◆ **Total Academic Hours in VISHWAAS Course: 984 hrs**

Disclaimer:

- ◆ The Institute reserves the right to increase/decrease the number of lectures allotted to any topic and also make changes in the sequence of the topics of each subject depending upon the course requirements.
- ◆ This Course Planner in all respects is applicable only at Kota (Rajasthan). At other Resonance Study Centres, Students/Parents may find some 'minor' variations to accommodate City specific features/factors.
- ◆ The Topic Start Date mentioned here might vary for batches starting on different dates of the particular course. However the coverage of the content in any topic shall remain the same, it is done by altering the frequency of proposed/planned lectures in a particular week.
- ◆ The information given in this Course Planner is proposed for Academic Session 2018-19. The institute reserves the right to make changes in it in the interest of students.

PERIODIC TEST SCHEDULE & RESULT COMMUNICATION

S. Test Type and No.	Test Pattern	Periodic Test Date	First Display (Notice Board) & Communication to parent with Centre Rank	Display & Communication of Final Result with All Resonance Rank (ARR)	Uploading of Result on Resonance Website	Physics		Chemistry		Mathematics	Testing Hours
						Physical/ Inorganic	Organic	Physical/ Inorganic	Organic		
1	JEE (Advanced)	13-05-18 (Sunday)	17-05-18 (Thursday)	22-05-18 (Tuesday)	24-05-18 (Thursday)	Mathematical Tool, Geometrical Optics	Mole Concept & Gaseous State, Solid State (Till Taught)	IUPAC Nomenclature, Structural Isomerism	FOM, Sets & Relation, Quadratic Equation	6	
2	JEE (Advanced)	03-06-18 (Sunday)	07-06-18 (Thursday)	12-06-18 (Tuesday)	14-06-18 (Thursday)	Mathematical Tool, Geometrical Optics, Electrostatics (Up to electric potential)	Mole Concept & Gaseous State, Solid State, Solution & Colligative Properties (Till Taught)	IUPAC Nomenclature, Structural Identification & POC, GOC-I (upto Mesomeric effect.)	FOM, Quadratic Equation, Function & Inverse Trigonometric Function & Limit (only)	6	
3	JEE (Main) + Board	24-06-18 (Sunday)	28-06-18 (Thursday)	03-07-18 (Tuesday)	05-07-18 (Thursday)	MCT-1: Mathematical Tool, GO, Electrostatics, Gravitation, Current electricity (Up to KVL, KCL) BPT-1: Geometrical Optics, Electrostatics	ACT-1 + Atomic Structure, Quantum Number, Periodic Table, BIN, Chemical Bonding (Till Taught)	ACT1 syllabus + Electronic, GOC-I & II (upto Intermediates)	FOM, Sets & Relation, Quadratic Equation, Function & IIF, LCD, MOD, Mathematical Reasoning BPT : Types of relation, Function & IIF, LCD, MOD	6	
4	JEE (Advanced)	15-07-18 (Sunday)	19-07-18 (Thursday)	24-07-18 (Tuesday)	26-07-18 (Thursday)	GO, Electrostatics, Gravitation, Current electricity, Capacitance, EMF (Up to magnetic field due to current carrying wire & circular loop)	Atomic Structure, Quantum Number, Periodic Table, BIN, Chemical Bonding (Till Taught)	GOC-II, Stereoisomerism (upto Racemic mixture)	Function & IIF, LCD, MOD, Straight Line + SOT, Circle	6	
5	JEE (Advanced)	05-08-18 (Sunday)	09-08-18 (Thursday)	14-08-18 (Tuesday)	16-08-18 (Thursday)	GO, Electrostatics, Gravitation, Current electricity, Capacitance, EMF, EMI up to Time varying magnetic field	MCT-1 + Coordination Compounds (Till Taught)	MCT1 + GOC-II, Stereoisomerism, ORM-I (upto Nucleophilic addition reaction of carbonyl compounds & SN2Th reaction of acid)	FOM, Quadratic Equation, Function & IIF, LCD, MOD, Straight Line, SOT, Circle, AOD	6	
6	JEE (Main)	26-08-18 (Sunday)	30-08-18 (Thursday)	04-09-18 (Tuesday)	06-09-18 (Thursday)	Electrostatics, Gravitation, CE, Capacitance, EMF, EMI Alternating current, Modern & Nuclear Physics	ACT-2 + Chemical Kinetics & Radioactivity (Till Taught)	ACT2 + ORM-I & ORM-II (Electrophilic Aromatic substitution reaction)	FOM, Sets & Relation, Quadratic Equation, Function & IIF, LCD, MOD, Mathematical Reasoning, Straight Line, SOT, Circle, AOD, Indefinite Integration,	3	
7	JEE (Advanced)	23-09-18 (Sunday)	27-09-18 (Thursday)	02-10-18 (Tuesday)	04-10-18 (Thursday)	Capacitance, EMF, EMI Alternating current, Modern physics, Nuclear physics, wave optics, kinematics	Chemical Kinetics & Radioactivity, Surface Chemistry, Chemical Equilibrium, Electrochemistry (Till Taught)	ORM-I & II , Reduction, Oxidation & Hydrolysis, ORM-III (upto Nucleophilic Substitution Reaction SN2)	AOD, Indefinite Integration, Definite Integration & Its Application, Differential Equation, Matrices & Determinant	6	
8	JEE (Main) + Board	21-10-18 (Sunday)	25-10-18 (Thursday)	30-10-18 (Tuesday)	01-11-18 (Thursday)	Capacitance, EMF, EMI Alternating current, Modern physics, Nuclear physics, wave optics, kinematics, Newton's laws of motion, Friction, WPE, Circular motion, Semiconductor & POC	MCT-2 + Chemical Equilibrium, Electrochemistry, Metallurgy, Ionic Equilibrium (Till Taught)	MCT2 + ORM-II, Reduction, Oxidation & Hydrolysis, ORM-III & IV	FOM, Sets & Relation, Quadratic Equation, Function & IIF, LCD, MOD, Mathematical Reasoning, Straight Line, SOT, Circle, AOD, Indefinite Integration, Area, Differential Equation, Matrices Determinant, Statistics, Vector & 3-D BPT : Types of Relation, Function & IIF, LCD, MOD, AOD, Indefinite Integration, Definite Integration, Area, Differential Equation, Matrices Determinant, Vector & 3-D	6	
9	JEE (Advanced)	02-12-18 (Sunday)	06-12-18 (Thursday)	11-12-18 (Tuesday)	13-12-18 (Thursday)	AC, Modern & Nuclear Physics, Wave Optics, Kinematics, NLM, Friction, WPE, Circular Motion, COM, RBD, SHM	MCT-3 + p-block (15 to 18) & Real Gases (Till Taught)	MCT-3 + Aromatic compounds, Carbonyl Compounds upto aldo)	FOM, Quadratic Equation, Function & IIF, LCD, MOD, Mathematical Reasoning, Straight Line, SOT, Circle, AOD, Indefinite & Definite Integration, Area, Differential Equation, Matrices Determinant, Vector & 3-D, Complex Number, Sequence & Series, Binomial Theorem	6	
10	JEE (Advanced)	23-12-18 (Sunday)	27-12-18 (Thursday)	01-01-19 (Tuesday)	03-01-19 (Thursday)	AC, Modern & Nuclear Physics, Wave Optics, Kinematics, NLM, Friction, WPE, Circular Motion, COM, RBD, SHM	Chemical Equilibrium, Electrochemistry, Ionic Equilibrium, p-block Elements (15 to 18 groups), Real Gases & Thermodynamics & thermochemistry, Equivalent concept, p-block Elements (B & C Family) (Till Taught)	ORM-II, Reduction, Oxidation & Hydrolysis, ORM-III & IV, Aromatic compounds, Carbonyl Compounds, Carboxylic Acid, Acid Derivatives & Biomolecules	Vector 3-D, Complex Number, Sequence & Series, Binomial Theorem, P & C, Probability	6	
12	Board (Maths)	05-01-19 (Saturday)	10-01-19 (Thursday)	15-01-19 (Tuesday)	17-01-19 (Thursday)				Full Syllabus	2	
13	JEE (Advanced)	06-01-19 (Sunday)	10-01-19 (Thursday)	15-01-19 (Tuesday)	17-01-19 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	6	
14	Board (Phy.&Chem.)	07-01-19 (Monday)	10-01-19 (Thursday)	15-01-19 (Tuesday)	17-01-19 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	-	4	
15	JEE (Main)	08-01-19 (Tuesday)	10-01-19 (Thursday)	15-01-19 (Tuesday)	17-01-19 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3	
16	JEE (Main)	27-01-19 (Sunday)	31-01-19 (Thursday)	05-02-19 (Tuesday)	07-02-19 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3	
17	JEE (Main)	10-02-19 (Sunday)	14-02-19 (Thursday)	19-02-19 (Tuesday)	21-02-19 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3	
18	JEE (Advanced)	24-02-19 (Sunday)	28-02-19 (Thursday)	05-03-19 (Tuesday)	07-03-19 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	6	
20	JEE (Main)	10-03-19 (Sunday)	14-03-19 (Thursday)	19-03-19 (Tuesday)	21-03-19 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3	
21	JEE (Main)	17-03-19 (Sunday)	21-03-19 (Thursday)	26-03-19 (Tuesday)	28-03-19 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3	
22	JEE (Advanced)	28-04-19 (Sunday)	02-05-19 (Thursday)	07-05-19 (Tuesday)	09-05-19 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	6	
23	JEE (Advanced)	12-05-19 (Sunday)	16-05-19 (Thursday)	21-05-19 (Tuesday)	23-05-19 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	6	

Reshuffling: 10.06.2018, 02.09.2018

Note: 1. Students are advised to refer their notice board for test timings. 2. There will be no classes on the preceding Saturday before every PTs/ CTs (except BPTs).

3. Student can submit their request for re-evaluation in two working days after first display of result.-4. *Only in Downloadable format

Total Testing Hours

102

RESONANCE BOARD WORKSHEET (RBW) SCHEDULE

PHYSICS		
Week No.	RBW Dist. Date	RBW No.
W-11	11-06-2018	1
W-14	02-07-2018	2
W-17	23-07-2018	3
W-22	27-08-2018	4
W-26	24-09-2018	5
W-30	22-10-2018	6
W-34	19-11-2018	7
TOTAL RBWs		7

CHEMISTRY		
Week No.	RBW Dist. Date	RBW No.
W-7	14-05-2018 (P/I)	1
W-12	18-06-2018 (P/I)	2
W-18	30-07-2018 (P/I)	3
W-23	30-09-2018 (P/I)	4
W-28	08-10-2018 (P/I)	5
W-31	29-10-2018 (O)	1
W-36	03-12-2018 (O)	2
TOTAL RBWs		7

MATHEMATICS		
Week No.	RBW Dist. Date	RBW No.
W-8	21-05-2018	1
W-12	18-06-2018	2
W-20	13-08-2018	3
W-25	17-09-2018	4
TOTAL RBWs		4

Discussion Schedule of Daily Practice Problems (DPPs):

S. No.	Week No.	DPP No.				No. of DPPs	S. No.	Week No.	DPP No.				No. of DPPs	S. No.	Week No.	DPP No.				No. of DPPs
		P	C		M				P	C		M				P	C		M	
			P/I	O						P/I	O						P/I	O		
1	Week-1	A1,2	0	0	A1,2	4	14	Week-14	27,28	13	14	27,28	6	27	Week-27	0	6	0	0	1
2	Week-2	3,4	A1	A1	3,4	6	15	Week-15	29,30	14	15,16	29,30	7	28	Week-28	9,10	7,8	5	9,10	7
3	Week-3	5,6	2	2	5,6	6	16	Week-16	31,32	15	17	31,32	6	29	Week-29	11,12	9,10	6	11,12	7
4	Week-4	7,8	3	3	7,8	6	17	Week-17	33,34	16	18	33,34	6	30	Week-30	13,14	11	7	13,14	6
5	Week-5	9,10	4	4	9,10	6	18	Week-18	35,36	17	19	35,36	6	31	Week-31	15,16	12,13	8	15,16	7
6	Week-6	11,12	5	5	11,12	6	19	Week-19	37,38	18	20	37,38	6	32	Week-32	Diwali Vacations				
7	Week-7	13,14	6	6	13,14	6	20	Week-20	39,40	19	21	39,40	6	33	Week-33	00	14	00	00	1
8	Week-8	15,16	7	7	15,16	6	21	Week-21	41,42	0	22	41,42	5	34	Week-34	17,18,19	15,16	9	17,18,19	9
9	Week-9	17,18	8	8	17,18	6	22	Week-22	43,44	20	23	43,44	6	35	Week-35	20,21	17,18	10	20,21	7
10	Week-10	19,20	9	9	19,20	6	23	Week-23	B1,2	B1	B1	B1,2	6	36	Week-36	22,23,24	19,20	11	22,23,24	9
11	Week-11	21,22	10	10,11	21,22	7	24	Week-24	3,4	2	2	3,4	6	37	Week-37	25,26,27	21,22	12	25,26,27	9
12	Week-12	23,24	11	12	23,24	6	25	Week-25	5,6	3,4	3	5,6	7	38	Week-38	28,29,30	23	13	28,29,30	8
13	Week-13	25,26	12	13	25,26	6	26	Week-26	7,8	5	4	7,8	6	39	Week-39	31,32	24,25	14	31,32	7
														40	Week-40	33	26	0	33	3
Total Number of DPPs																			237	

P: Physics | C (P): Chemistry (Physical) | C (I/O): Chemistry (Inorganic/Organic) | M: Mathematics

Resonance Eduventures Ltd.

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STUDY CENTRES (Self Owned): Jaipur: 07446655122 | Bhubaneswar: 07446655055 | Udaipur: 07446655577 | Jodhpur: 07446655133 | Agra: 07446655001 | Ranchi: 07446655533
 Allahabad: 07446655022 | Aurangabad: 07446655033 | Jabalpur: 07446655111 | Raipur: 07446655566 | Gwalior: 07446655077 | Vadodara: 07446655588 | Surat: 07446655544
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 Ahmedabad: 07446655011 | Delhi: 07446655066 | Nanded: 07446655266 | Chandrapur: 07446655277 | Nashik: 07446655155 | Rajkot: 07446655522

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