

# India's Most Planned Institute



## JEE (Main + Advanced) Division

Academic Session: 2023-24

# COURSE PLANNER

Class: XI | Course: VIKAAS (JA)

#PlanningSafaltaKi

IITs: Indian Institutes of Technology | NITs: National Institutes of Technology | IIITs: Indian Institutes of Information Technology  
GFTIs: Govt.-Funded Technical Institutes | GECs: Govt. Engineering Colleges | PECs: Private Engineering Colleges  
HEIs: Higher Education Institutions



Class	Course Name	Phase / Batch Code	Course Starts (Date/Day)	Course Ends (Date/Day)	Target Institutions	Target Examination	Target Year
XI	VIKAAS	01 JA	03.04.2023 (Monday)	23.12.2023 (Saturday)	IITs	JEE (Main + Advanced)	2025

### COURSE INTRODUCTION

Eligibility	Students Moving from Class X (2022-23) to Class XI (2023-24)	Course Type	Yearlong Classroom Contact Programme (YCCP)
Primary Target Examination	JEE (Advanced)	Coaching Mode	Physical Classroom (Offline)
Other Target Examinations(s)	JEE (Main), Board (Class-XII), Olympiads, BITSAT etc.	Medium of Instructions	English & Hindi
Primary Target College (s)	Indian Institutes of Technology (IITs)	Language of Content (Study Material)	English & Hindi
Other Target College (s)	NITs, IIITs, GFTIs, Govt./ Pvt. Engineering Colleges, Higher Education Institutions (HEIs)	Testing & Assessment Mode	Paper-Based testing (PBT) & Computer Based Testing (CBT)

### COURSE CONTENT

S#	Content	Purpose	Units	No. of Pages	No. of Questions	Remarks
1.	Lecture Notes	Conceptual Learning	510	2550*	2550**	Self-Made in Classroom
2.	Daily Practice Problems (DPPs)	Practice & Revision	240	420	3480	Subject-wise Booklets
3.	Topic-Wise Sheets/ Modules	Practice & Perfection	52	2916	12031	Topic-wise Sheets
4.	Periodic Tests & Text Solutions	Assessment & Benchmarking	15	823*	1350	As per Test Schedule
<b>Total</b>			<b>817</b>	<b>6709</b>	<b>19411</b>	

### COURSE SYNOPSIS

Course Duration	38 Weeks	Total Lectures	510 L	Classroom Hours (Total)	765 Hrs
Academic Weeks	36 Weeks	Subject-wise Lectures (P,C,M each)	P: 158 L C: 194 L M: 158 L	Classroom Hours (Subject Wise)	P: 237 Hrs C: 291 Hrs M: 237 Hrs
Vacation Weeks	02 Weeks	Lecture Per Week (Total)	13 L	No. of Tests	15
Subjects	Physics, Chemistry & Maths	Lectures Per Week (Subject-wise)	P: 4 L C: 5 L M: 4 L	Total Testing Hours	72 Hrs
Syllabus	JEE (Main+ Advanced)	Lecture Duration	1.5 Hr. (90 Min)	Total Academic Hours	837 Hrs

### COURSE PEDAGOGY

S#	Pedagogical Steps/Tools	Learning Advantage / Utility / Benefits
1.	Physical Classroom	• Effective & Efficient Learning Ambiance
2.	Instructor / Faculty	• Subject-Matter Experts (Teachers)
3.	Interactive Classes	• Live-learning & Interaction (Teacher-Student) • Peer-learning (Student-Student) • Doubt Discussion
4.	Lecture Notes	• Hand-written Lecture Notes • Self-Made by Student in the Classroom • Theory, Illustrations, Examples (Solved & Unsolved) • Based on Lecture Content by the Teaching Faculty
5.	Daily Practice Problems (DPPs)	• Homework Tool • For Regular Revision • Discussed in Classroom • Problems from Previous Topics
6.	Sheets/ Modules	• Topic-wise Theory for Conceptual Understanding • Exercises for Homework, Self-Practice & Perfection
7.	Doubt Classes	• One-on-One Doubt Discussion/ Resolution (Teacher-Student) for Individual Needs
8.	Special Classes	• Clinic Classes, Extra Classes etc. for Special Needs
9.	Periodic Assessment Tests (PATs)	• Part Tests (PTs), Cumulative Tests (CTs) for Regular Assessment & Benchmarking of Learning Outcomes
10.	Revision Plan	• Structured Revision • Full Syllabus Mock Tests

\* Assuming there are 5 Pages of Lecture Notes Per Lecture | \*\* Assuming there are 5 Questions / Examples Per Lecture | # Assuming approx 50 Pages Per Test (Test Paper & Solution Booklet)

# WEEKLY LECTURE PLANNER

TL: Total Lectures (Week) | CL: Cumulative Lectures | P: Physics | C: Chemistry (P/I: Physical/Inorganic | O: Organic) | M: Mathematics

Week No.	Week Duration		No. of Lecture				TL	CL	Week No.	Week Duration		No. of Lecture				TL	CL	Week No.	Week Duration		No. of Lecture				TL	CL
	From	To	P	C		M				From	To	P	C		M				From	To	P	C		M		
W-1	03-04	08-04	3	2	2	3	10	10	W-14	03-07	08-07	5	3	3	5	16	194	W-27	02-10	07-10	4	3	2	4	13	383
W-2	10-04	15-04	4	3	2	4	13	23	W-15	10-07	15-07	4	3	2	4	13	207	W-28	09-10	14-10	5	3	3	5	16	399
W-3	17-04	22-04	4	3	2	4	13	36	W-16	17-07	22-07	5	3	3	5	16	223	W-29	16-10	21-10	5	3	3	5	16	415
W-4	24-04	29-04	4	3	2	4	13	49	W-17	24-07	29-07	5	3	3	5	16	239	W-30	23-10	28-10	4	3	2	4	13	428
W-5	01-05	06-05	4	3	3	4	14	63	W-18	31-07	05-08	4	3	2	4	13	252	W-31	30-10	04-11	5	3	3	5	16	444
W-6	08-05	13-05	4	3	3	4	14	77	W-19	07-08	12-08	5	3	3	5	16	268	W-32	06-11	11-11	3	1	2	3	9	453
W-7	15-05	20-05	4	3	2	4	13	90	W-20	14-08	19-08	5	3	2	5	15	283	W-33	13-11	18-11	0	0	0	0	0	453
W-8	22-05	27-05	4	3	3	4	14	104	W-21	21-08	26-08	4	3	2	4	13	296	W-34	20-11	25-11	4	2	2	4	12	465
W-9	29-05	03-06	4	3	2	4	13	117	W-22	28-08	02-09	4	3	2	4	13	309	W-35	27-11	02-12	5	3	3	5	16	481
W-10	05-06	10-06	5	3	3	5	16	133	W-23	04-09	09-09	5	3	3	5	16	325	W-36	04-12	09-12	4	3	2	4	13	494
W-11	12-06	17-06	5	3	3	5	16	149	W-24	11-09	16-09	4	3	2	4	13	338	W-37	11-12	16-12	5	3	3	5	16	510
W-12	19-06	24-06	4	3	2	4	13	162	W-25	18-09	23-09	5	3	3	5	16	354	W-38	18-12	23-12	0	0	0	0	0	510
W-13	26-06	01-07	5	3	3	5	16	178	W-26	25-09	30-09	5	3	3	5	16	370	<b>Total</b>		<b>158</b>	<b>104</b>	<b>90</b>	<b>158</b>	<b>510</b>		

**Total Lectures: 510 (P: 158 | C: 194 | B: 158) | Total Classroom Hours: 765 Hrs (P: 237 Hrs. | C: 291 Hrs. | B: 237 Hrs.)**

## STUDY MATERIAL PLANNER (SHEETS / MODULES)

PHYSICS [P]					CHEMISTRY [C]					MATHEMATICS [M]										
T#	Topic Name/Sequence	No of Lec.	No of Ques.	Topic Start Date	T#	Topic Name/Sequence	No of Lec.	No of Ques.	Topic Start Date	T#	Topic Name/Sequence	No of Lec.	No of Ques.	Topic Start Date						
<b>Packet No.1</b>					PHYSICAL/ INORGANIC					<b>Packet No.1</b>										
1	Mathematical Tools	17	146	03-Apr-23	1	Introduction to Chemistry	6	111	03-Apr-23	1	Fundamentals of Mathematics-I	23	165	03-Apr-23						
2	Rectilinear Motion	6	118	03-May-23	2	Atomic Structure	15	427	18-Apr-23	2	Quadratic Equation	12	224	15-May-23						
3	Projectile Motion	7	111	15-May-23	<b>Packet No.2</b>					<b>Packet No.2</b>										
4	Relative Motion	8	107	25-May-23	3	Mole Concept	13	395	23-May-23	3	Trigonometry	16	326	05-Jun-23						
<b>Packet No.2</b>					4	Ideal Gases	9	259	21-Jun-23	4	Sequence & Series	12	259	28-Jun-23						
5	Newton's Law of Motion(NLM)	10	178	08-Jun-23	5	Real Gases	5	88	12-Jul-23	5	Fundamentals of Mathematics-II	9	101	17-Jul-23						
6	Friction	5	109	23-Jun-23	6	Chemical Equilibrium	9	346	25-Jul-23	6	Mathematical Reasoning	5	157	18-Jul-23						
7	Work, Power & Energy	9	221	30-Jun-23	<b>Packet No.3</b>					<b>Packet No.3</b>										
8	Circular Motion	7	163	14-Jul-23	7	Thermodynamics & Thermochem.	14	613	14-Aug-23	7	Binomial Theorem	11	226	07-Aug-23						
9	Centre of Mass	11	267	25-Jul-23	8	s-Block	6	344	18-Sep-23	8	Permutation & Combination	13	262	22-Aug-23						
<b>Packet No.3</b>					9	Ionic Equilibrium	16	514	02-Oct-23	9	Straight Line	14	246	12-Sep-23						
10	Rigid Body Dynamics	15	349	10-Aug-23	<b>Packet No.4</b>					10	Solution of Triangle	5	132	03-Oct-23						
11	Simple Harmonic Motion	9	195	04-Sep-23	10	p-Block (13-14 groups)	11	312	20-Nov-23	<b>Packet No.4</b>										
12	Fluids	4	142	18-Sep-23	ORGANIC					11	Circle	12	246	11-Oct-23						
13	Surface Tension	2	111	22-Sep-23	1	IUPAC Nomenclature	11	252	03-Apr-23	12	Statistics	4	117	30-Oct-23						
14	Elasticity and viscosity	3	112	26-Sep-23	2	Structural Isomerism	4		08-May-23	13	Conic Section	22	505	03-Nov-23						
15	String waves	6	174	29-Sep-23	3	Structural identification	4	240	16-May-23	<b>Total</b>										
16	Sound Waves	7	230	10-Oct-23	4	Practical Organic Chemistry (POC)	8	302	29-May-23	<b>158</b>	<b>3394</b>	<b>NA</b>	<b>194</b>	<b>5671</b>	<b>NA</b>	<b>13</b>	<b>Total</b>	<b>158</b>	<b>2966</b>	<b>NA</b>
17	KTG & Thermodynamics	8	384	19-Oct-23	5	Periodic Table	10	302	19-Jun-23	<b>Total No. of Sheets / Module: 52 (P: 20   C: 19   B: 13)</b>										
18	Calorimetry & Thermal Expansion	4	114	01-Nov-23	<b>Packet No.2</b>					<b>Total No. of Questions: 12031 (P: 3394   C: 5671   B: 2966)</b>										
19	Unit & Dimension	1	66	07-Nov-23	4	Chemical Bonding-1	3	92	17-Jul-23											
20	Measurement Error & Experiments	1	97	08-Nov-23	5	Chemical Bonding-2	5		24-Jul-23											
21	Revision	18		20-Nov-23	6	Chemical Bonding-3	8	726	07-Aug-23											
					7	Chemical Bonding-4	4		29-Aug-23											
					8	Chemical Bonding-5	3		11-Sep-23											
					9	Chemical Bonding-4 + 5	1		19-Sep-23											
					6	Chemical Bonding-5	3		20-Sep-23											
					7	GOC-I	12	246	27-Sep-23											
					8	Hydrocarbon (Part-1)	5	55	31-Oct-23											
					9	GOC-II	7	197	21-Nov-23											
						Environmental Chemistry	2	152	12-Dec-23											

**Note:** A Lecture of 90 Minutes usually Comprises of 15 Minutes of DPP Discussion, 30 Minutes of Sheet Discussion & 45 Minutes of Theory Class.

**Note:** All information provided here is tentative and may change.

## STUDY MATERIAL (DPPs) PLANNER

S. No.	Subject	Total Lectures	Pattern of DPPs		Total DPPs	Total Questions in DPPs				Total Qs.
			JEE (Main)	JEE (Adv.)		JEE (Main) Pattern	Avg. Qs. Per DPP	JEE (Adv.) Pattern	Avg. Qs. Per DPP	
1	Physics (P)	158	40	40	80	800	20	480	12	1280
2	Chemistry (C)	Physical/ Inorganic (P/I)	40	40	80	800	20	480	12	1280
		Organic (O)								
3	Mathematics (M)	158	40	40	80	600	15	320	8	920
<b>Total</b>		<b>510</b>	<b>120</b>	<b>120</b>	<b>240</b>	<b>2200</b>	<b>55</b>	<b>1280</b>	<b>32</b>	<b>3480</b>

## DISCUSSION PLANNER (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	A1	A1	A1	4	14	Week-14	B9,B10,B11	B6,B7	B5	B3,B4	8	27	Week-27	C16,C17	C8	C8	C7,C8,C9	7
2	Week-2	A2,A3	A2	A2	A2,A3	6	15	Week-15	B12,B13	B8	B6	B5,B6	6	28	Week-28	C18,C19	C9	C9	C10,C11,C12	7
3	Week-3	A4,A5	A3	A3	A4,A5	6	16	Week-16	B14,B15,B16	B9,B10	B7	B7,B8	8	29	Week-29	C20,C21	C10,C11	C10	C13,C14,C15	8
4	Week-4	A6,A7	A4	A4	A6	5	17	Week-17	B17,B18,B19	B11,B12	B8	B9,B10	8	30	Week-30	C22,C23	C12,C13	C11	C16,C17,C18	8
5	Week-5	A8,A9	A5	A5	A7	5	18	Week-18	B20,B21,B22	B13,B14	B9	B11,B12	8	31	Week-31	C24,C25	C14,C15	C12	C19,C20,C21	8
6	Week-6	A10,A11	A6	A6	A8	5	19	Week-19	B23,B24,B25	B15	B10	B13,B14	7	32	Week-32	C26,C27	C16	0	C22,C23	5
7	Week-7	A12,A13	A7	A7	A9,A10	6	20	Week-20	C1,C2	C1	C1	B15,B16	6	33	Week-33	0	0	0	0	0
8	Week-8	A14,A15	A8	A8	A11,12	6	21	Week-21	C3,C4	C2	C2	B17,B18	6	34	Week-34	C28,C29	C17	C13	C24,C25	6
9	Week-9	A16,A17	A9	A9	A13	5	22	Week-22	C5,C6	C3	C3	B19,B20	6	35	Week-35	C30,C31	C18	C14	C26,C27,C28	7
10	Week-10	A18,A19,A20	A10	A10	A14,A15	7	23	Week-23	C7,C8	C4	C4	B21,B22,B23	7	36	Week-36	C32,C33	C19	C15	C29,C30,C31	7
11	Week-11	B1,B2,B3	B1	B1,B2	A16,A17,A18	9	24	Week-24	C9,C10	C5	C5	B24,B25	6	37	Week-37	C34,C35	C20	0	C32,C33,C34,C35	7
12	Week-12	B4,B5	B2,B3	B3	A19,A20	7	25	Week-25	C11,C12,C13	C6	C6	C1,C2,C3	8	38	Week-38	0	0	0	0	0
13	Week-13	B6,B7,B8	B4,B5	B4	B1,B2	8	26	Week-26	C14,C15	C7	C7	C4,C5,C6	7							
<b>Total No. of DPPs: 240 (P: 80   C: 80   M: 80)   Total No. of Questions: 3480 (P: 1280   C: 1280   M: 920)</b>														<b>Total</b>	<b>80</b>	<b>45</b>	<b>35</b>	<b>80</b>	<b>240</b>	

## STUDY MATERIAL DISTRIBUTION PLANNER

S#	Packet	Distribution Week	Sheets/ Modules (T#)				DPP Booklets			
			PHY (P)	CHEM (C)		MATHS (M)	PHYSICS (P)	CHEMISTRY (C)		MATHEMATICS (M)
				P/I	O			Physical/ Inorganic (P/I)	Organic (OC)	
1	First	On Commencement of Class	1-4	1, 2	1-3	1, 2	DPP Booklet 01: A1 TO A20	DPP Booklet 01: A1 TO A10	DPP Booklet 01: A1 TO A10	DPP Booklet 01: A1 TO A20
2	Second	First Week of April 2023	5-9	3-6	4,5	3-6	DPP Booklet 02: B1 TO B25	DPP Booklet 02: B1 TO B15	DPP Booklet 02: B1 TO B10	DPP Booklet 02: B1 TO B25
3	Third	First Week of July 2023	10-16	7-9	6,7	7-10	DPP Booklet 03: C1 TO C35	DPP Booklet 03: C1 TO C20	DPP Booklet 03: C1 TO C15	DPP Booklet 03: C1 TO C35
4	Fourth	Second Week of September 2023	17-20	10	8,9	11-13	NA	NA	NA	NA

## HOLIDAY PLANNER

S#	Holiday Schedule		No. of Days	Occasion / Reason
	Start Date / Day	End Date / Day		
1	15 <sup>th</sup> August 2023 (Tuesday)	15 <sup>th</sup> August 2023 (Tuesday)	1	Independence Day
2	30 <sup>th</sup> August 2023 (Wednesday)	30 <sup>th</sup> August 2023 (Wednesday)	1	Raksha Bandhan
3	09 <sup>th</sup> November 2023 (Thursday)	18 <sup>th</sup> November 2023 (Saturday)	10	Deepawali
<b>Total Holidays</b>			<b>12</b>	

**Note:** All information provided here is tentative and may change.

## PERIODIC TEST PLANNER

S. No.	Periodic Test Type and No.	Test Pattern	Periodic Test Date	First Comm. of Tentative Result to Students / Parents	Communication of Final Result to Students / Parents	Uploading of Result on Resonance Website	Periodic Test Syllabus & Paper Structure [JEE (Main) 3 Hrs & 90 Qs   JEE (Adv.) 3 + 3 = 6 Hrs & 54 + 54 = 108 Qs   Board: 1.5 Hrs & 15 Qs Per Subject]		Total No. of Ques.	Testing Hours				
							Physics				Chemistry		Mathematics	
							Physical	Inorganic & Organic			Physical	Inorganic & Organic	Mathematics	Mathematics
1	ACT-1	JEE (Adv.)	22-04-23 (Saturday)	27-04-23 (Thursday)	29-04-23 (Saturday)	02-04-23 (Tuesday)	Mathematical Tools (Up to Chain Rule)	IUPAC-Nomenclature of Alkene & Cyclo Alkane with simple side chain (Alkyl Radical)	54 Qs	3 Hrs.				
2	APT-1	JEE (Adv.)	13-05-23 (Saturday)	18-05-23 (Thursday)	20-05-23 (Saturday)	23-05-23 (Tuesday)	Mathematical Tools, Rectilinear motion (Up to Average Speed, Instantaneous Speed, Average Acceleration, Instantaneous Acceleration)	IUPAC Nomenclature	108 Qs	6 Hrs.				
3	MCT-1	JEE (Main)	03-06-23 (Saturday)	08-06-23 (Thursday)	10-06-23 (Saturday)	13-06-23 (Tuesday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Mole Concept (Up to Empirical & Molecular Formula, Stoichiometry)	IUPAC Nomenclature & Structural Isomerism, Structural Identification	90 Qs	3 Hrs.				
4	ACT-2	JEE (Adv.)	24-06-23 (Saturday)	29-06-23 (Thursday)	01-07-23 (Saturday)	04-07-23 (Tuesday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, Newton's Laws of Motion (Up to Weighing Machine, Spring)	IUPAC Nomenclature & Structural Isomerism, Structural Identification & POC	108 Qs	6 Hrs.				
5	APT-2	JEE (Adv.)	15-07-23 (Saturday)	20-07-23 (Thursday)	22-07-23 (Saturday)	25-07-23 (Tuesday)	Rectilinear Motion, Projectile Motion, Relative Motion, Newton's Laws of Motion, Friction, WPE (Up to Power)	Structural Isomerism, Structural Identification & POC, Periodic Table (Up to Electron Gain Enthalpy)	84 Qs	6 Hrs.				
6	MCT-2	JEE (Main)	05-08-23 (Saturday)	10-08-23 (Thursday)	12-08-23 (Saturday)	15-08-23 (Tuesday)	MCT-1 + Relative motion, Newton's Laws of Motion, Friction, WPE, Circular Motion, Centre of Mass, Rigid Body Dynamics (Up to Angular Momentum Conservation)	MCT-1 + POC, Periodic Table, BIN	90 Qs	3 Hrs.				
7	ACT-3	JEE (Adv.)	26-08-23 (Saturday)	31-08-23 (Thursday)	02-09-23 (Saturday)	05-09-23 (Tuesday)	ACT-2 + Newton's Laws of Motion, Friction, WPE, Circular Motion, Centre of Mass, Rigid Body Dynamics (Up to Angular Momentum Conservation)	ACT-2 + Periodic Table, BIN, Chemical Bonding (Up to Multicentered Species)	114 Qs	6 Hrs.				
8	BPT-1	Board	02-09-23 (Saturday)	07-09-23 (Thursday)	09-09-23 (Saturday)	12-09-23 (Tuesday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, Newton's Laws of Motion, Friction, WPE, Circular Motion, Centre of Mass, Rigid Body Dynamics	IUPAC Nomenclature & Structural Isomerism, Chemical Bonding (Up to Multicentered Species)	30 Qs	3 Hrs.				
9	APT-3	JEE (Adv.)	16-09-23 (Saturday)	21-09-23 (Thursday)	23-09-23 (Saturday)	26-09-23 (Tuesday)	WPE, Circular Motion, Centre of Mass, Rigid Body Dynamics, Simple Harmonic Motion (Up to Compound Pendulum)	Periodic Table, BIN, Chemical Bonding (Up to Hydrogen Bonding)	108 Qs	6 Hrs.				
10	MCT-3	JEE (Main)	07-10-23 (Saturday)	12-10-23 (Thursday)	14-10-23 (Saturday)	17-10-23 (Tuesday)	MCT-2 + Centre of Mass, Rigid Body Dynamics, Simple Harmonic Motion, Fluid Mechanics, Surface Tension, Elasticity & Viscosity.	MCT-2 + Chemical Bonding	90 Qs	3 Hrs.				
11	ACT-4	JEE (Adv.)	28-10-23 (Saturday)	02-10-23 (Thursday)	04-10-23 (Saturday)	07-10-23 (Tuesday)	ACT-3 + Rigid Body Dynamics, Simple Harmonic Motion, Fluid Mechanics, Surface Tension, Elasticity & Viscosity, String Waves, Sound Wave, KTG & Thermodynamics	ACT-3 + Chemical Bonding + GOC-I (Up to Aromaticity)	108 Qs	6 Hrs.				
12	APT-4	JEE (Adv.)	25-11-23 (Saturday)	30-11-23 (Thursday)	02-12-23 (Saturday)	05-12-23 (Tuesday)	Simple Harmonic Motion, Fluid Mechanics, Surface Tension, Elasticity & Viscosity, String Waves, Sound Wave, KTG & Thermodynamics, Calorimetry & Thermal Expansion, Unit Dimension, Error.	Full Syllabus	108 Qs	6 Hrs.				
13	MT	JEE (Main)	09-12-23 (Saturday)	14-12-23 (Thursday)	16-12-23 (Saturday)	19-12-23 (Tuesday)	Full Syllabus	Full Syllabus	90 Qs	3 Hrs.				
14	BPT-2	Board	16-12-23 (Saturday)	21-12-23 (Thursday)	23-12-23 (Saturday)	26-12-23 (Tuesday)	BPT-1 + Simple Harmonic Motion, Fluid Mechanics, Surface Tension, Elasticity & Viscosity, String Waves, Sound Wave, KTG & Thermodynamics, Calorimetry & Thermal Expansion	BPT-1 + Chemical Bonding, GOC-I, GOC-II	30 Qs	3 Hrs.				
15	MT	JEE (Adv.)	23-12-23 (Saturday)	28-12-23 (Thursday)	30-12-23 (Saturday)	02-01-24 (Tuesday)	Full Syllabus	Full Syllabus	108 Qs	6 Hrs.				
							<b>Total Periodic Assessment Tests (PATs): 15</b>	<b>JEE (Main) Pattern: 04 Tests   Testing Time: 12 Hrs.   Qs: 360   JEE (Adv.) Pattern: 09 Tests   Testing Time: 51 Hrs.   Qs: 900   Board Pattern: 02 Tests   Testing Time: 9 Hrs.   Ques.: 90</b>	<b>Total Qs &amp; Testing Hrs.</b>	<b>1350 Qs &amp; 72 Hrs.</b>				

Note: All information provided here is tentative and may change.

**Registered & Corporate Office (CIN: U80302RJ2007PLC024029):**

**CG Tower, A-46 & 52, IPIA, Near City Mall, Jhalawar Road, Kota (Rajasthan) - 324005**

**Follow Us:** 

**@ResonanceEdu** | 

**0744-2777777** |  **73400 10345** |  **contact@resonance.ac.in** |  **www.resonance.ac.in**