

Schedule for IIT-JEE(Main) Crash Course - 2021

Sl. No	Date	Day	Physics	Chemistry	Maths
1	05-01-21	Tuesday	Unit dimension, error analysis, significant figure	Mole concept, Average atomic mass, Gram molar volume, Molarity, molality and mole fraction	Wavy Curve Method, Modulus & their properties
2	06-01-21	Wednesday	Vector & Relative motion	Equivalent weight, Normality, Equivalent concept, Acid base titration, redox titration	Logarithm and their properties
3	07-01-21	Thursday	Motion in 1-D	Atomic structure : Bohr's model, H- spectrum, de-Broglie equation	Quadratic equation
4	08-01-21	Friday	Motion in 2-D	Electronic configuration, quantum numbers, wave mechanical model of atom	Quadratic Equation and Expression, Theory of Equation
5	09-01-21	Saturday	Laws of motion	Chemical Bonding	Progressions (I)
6	10-01-21	Sunday	Friction	State of matter: Gas laws, Ideal gas equation Vander wall's equation	Progressions (II)
7	11-01-21	Monday	PT-1 (100 % Syllabus from Sl. No 1 to 6)		

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8	12-01-21	Tuesday	Dynamics of circular motion, Work Done by Constant and variable force	Thermodynamics: Properties, function, work, first law of thermodynamics, Enthalpy	Trigonometric Ratios & Identities
9	13-01-21	Wednesday	Work energy theorem, Conservation of Energy, Power, Vertical circular motion	Thermodynamics: Enthalpy, Entropy, Free energy	Trigonometric Equation
10	14-01-21	Thursday	Conservation of Linear Momentum, Collision	Chemical Equilibrium	Introduction to 2D Geometry
11	15-01-21	Friday	Center of mass (Location & Motion)	Ionic Equilibrium: pH, buffer Solution	Straight Lines
12	16-01-21	Saturday	Moment of Inertia, Torque	Ionic Equilibrium: Salt hydrolysis, solubility and solubility product	Straight Lines and Pair of Straight Lines
13	17-01-21	Sunday	Rotational Dynamics	GOC: Inductive effect, Resonance, GOC: Hyperconjugation, Aromaticity, reaction intermediates	Circles
14	18-01-21	Monday	PT-2 (60% Syllabus from Sl. No 8 to 13 & 40% syllabus from Sl. No 1 to 6)		
15	19-01-21	Tuesday	Conservation of Angular momentum, Rolling	Isomerism: structural and geometrical	Circles and system of Circles

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16	20-01-21	Wednesday	Gravitation	Isomerism: Optical, Conformation	Parabola
17	21-01-21	Thursday	Fluid statics & Dynamics	Alkane	Ellipse
18	22-01-21	Friday	Elasticity, Viscosity	Alkene(Elimination reactions)	Hyperbola
19	23-01-21	Saturday	Surface tension, Calorimetry	Alkene reactions	Binomial Theorem
20	24-01-21	Sunday	Thermal expansion, Heat transfer	Alkene reactions, Alkyne	Permutation & Combination
21	25-01-21	Monday	PT-3 (60% Syllabus from Sl. No 15 to 20& 40% syllabus from Sl. No 1 to 13)		
22	26-01-21	Tuesday	REPUBLIC DAY		
23	27-01-21	Wednesday	Kinetic theory of gases, Thermodynamics	EAS	Complex Numbers

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24	28-01-21	Thursday	SHM, Wave 1 (General equation of wave, Wave in a string, intensity of wave)	Alkyl halide preparation	Properties and Solution of Triangle
25	29-01-21	Friday	Wave 2 (Standing wave, transverse vibration of string, Sonometer)	Alkyl halides: Reaction	Height & Distance
26	30-01-21	Saturday	Wave 3 (Beats, Organ pipes, Dopplers effect)	Alcohol	Sets & Relation
27	31-01-21	Sunday	Wave optics	Ethers, phenol	Functions
28	01-02-21	Monday	Complete Syllabus Test - Class-XI-(S. NO. 1 to 26)		
29	02-02-21	Tuesday	Reflection from plane & spherical surface	carbonyl compound	Inverse Trigonometric Functions
30	03-02-21	Wednesday	Refraction from plane surface, Prism, TIR	aldol condensation, cannizzaro reaction.	Limits & Continuity
31	04-02-21	Thursday	Lens, Optical instruments	Craboxylic acid derivatives	Differentiability & Derivatives

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32	05-02-21	Friday	Coulomb's law, Electric field, Gauss theorem	Amines	Application of Derivatives (I) - Rate measure, Geometrical application, Mean value Theorem
33	06-02-21	Saturday	Electric potential & Potential energy	Carbohydrates and amino acids	Application of Derivatives (II) - Monotonocity, Maxima & Minima
34	07-02-21	Sunday	Capacitor	Electrochemistry	Indefinite Integral
35	08-02-21	Monday	PT-4 (100% Syllabus from Sl. No 27 to 34)		
36	09-02-21	Tuesday	Capacitive circuit, RC circuit	Chemical kinetics	Definite Integral (I)
37	10-02-21	Wednesday	Current electricity	Solution	Definite Integral (II)
38	11-02-21	Thursday	Electrical instruments, Heating effect of current	Solid state	Area under curve
39	12-02-21	Friday	Biot-Savart's law, Ampere-Circutal law, Motion of charge particle	d-block elements	Differential Equation

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40	13-02-21	Saturday	Magnetic effect of current, Magnetism	Coordination compounds	Matrices
41	14-02-21	Sunday	EMI	p-block 13th, 14th and 15th group	Determinants
42	15-02-21	Monday	PT-5 (60% Syllabus from Sl. No 36 to 41& 40% syllabus from Sl. No 27 to 34)		
43	16-02-21	Tuesday	AC	p-block 16th, 17th and 18th group	Vector Algebra
44	17-02-21	Wednesday	EMW, Photoelectric effect, X-Ray	s-block elements	3D Geometry (Line)
45	18-02-21	Thursday	Atomic Physics	Surface Chemistry	3D Geometry (Plane)
46	19-02-21	Friday	Nuclear Physics	Metallurgy	Probability
47	20-02-21	Saturday	Semiconductor, POC	qualitative analysis	Mathematical reasoning & Statistics

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48	21-02-21	Sunday	COMPLETE SYLLABUS TEST		
49	22-02-21	Monday	COMPLETE SYLLABUS TEST		
50	23-02-21	Tuesday	JEE MAINS EXAM		
51	24-02-21	Wednesday	JEE MAINS EXAM		
52	25-02-21	Thursday	JEE MAINS EXAM		
53	26-02-21	Friday	JEE MAINS EXAM		

CLASSES