

Ai²TS SYLLABUS

The syllabus for classes IX, X & XI are exclusive and only cover the current years coverage however for class XII the syllabus covers all the topics which are listed in the JEE Syllabus.

CLASS	Ai ² TS	CHEMISTRY		MATHEMATICS		PHYSICS	
IX	Ai ² TS-1(IX) 20-Aug-18	100%	Matter in Our Surrounding, Properties of Matter	100%	Euclid Geometry Lines and Angles Number System, Indices, Surds & Polynomials	100%	Motion
		30%	Ai ² TS-1 Syllabus	30%	Ai ² TS-1 Syllabus	30%	Ai ² TS-1 Syllabus
	Ai ² TS-2(IX) 05-Nov-18	70%	Is matter around as pure?	70%	Logarithms Co-ordinate Geometry Triangles	70%	Gravitation Laws of Motion
		40%	Ai ² TS-1 & Ai ² TS-2 Syllabus	40%	Ai ² TS-1 & Ai ² TS-2 Syllabus	40%	Ai ² TS -1 & Ai ² TS -2 Syllabus
	Ai ² TS-3(IX) 07-Jan-19	60%	Atoms, Molecules & Mole Concept	60%	Areas of Parallelogram and Triangles Linear Equations in Two Variables Quadrilateral Heron's Formula	60%	Fluid Work, Power energy
		40%	Ai ² TS-1, Ai ² TS-2 & Ai ² TS-3 Syllabus	40%	Ai ² TS-1, Ai ² TS-2 & Ai ² TS-3 Syllabus	40%	Ai ² TS -1, Ai ² TS -2 & Ai ² TS -3 Syllabus
Ai ² TS-4(IX) 18-Feb-19	60%	Atomic structure	60%	Circles Constructions Probability Statistics Surface Area and Volume	60%	Sound	

CLASS	Ai ² TS	CHEMISTRY		MATHEMATICS		PHYSICS	
X	Ai ² TS-1(X) 16-Jul-18	100%	Acid Base And Salts Chemical Reactions	100%	Arithmetic Progressions Linear Equations in Two Variables Polynomials Quadratic Equations Real Numbers	100%	Domestic Electric Circuits Electricity
		30%	Ai ² TS-1 Syllabus	30%	Ai ² TS-1 Syllabus	30%	Ai ² TS-1 Syllabus
	Ai ² TS-2(X) 10-Sep-18	70%	Metals and Non Metals	70%	Similar Triangles Trigonometry Application of Trigonometry Logarithms	70%	Magnetic Effect of Electric Current Source of Energy
		40%	Ai ² TS-1 & Ai ² TS-2 Syllabus	40%	Ai ² TS-1 & Ai ² TS-2 Syllabus	40%	Ai ² TS -1 & Ai ² TS -2 Syllabus
	Ai ² TS-3(X) 03-Dec-18	60%	Carbon & Its Compounds	60%	Co-ordinate Geometry Constructions Tangents to a Circle Statistics	60%	Light
	40%	Ai ² TS-1, Ai ² TS-2 & Ai ² TS-3 Syllabus	40%	Ai ² TS-1, Ai ² TS-2 & Ai ² TS-3 Syllabus	40%	Ai ² TS -1, Ai ² TS -2 & Ai ² TS -3 Syllabus	
Ai ² TS-4(X) 04-Feb-19	60%	Periodic Classification	60%	Area Related to Circle Probability Surface Area and Volume	60%	The Human Eye & The Colourful World	

CLASS	Ai ² TS	CHEMISTRY		MATHEMATICS		PHYSICS	
XI	Ai ² TS-1(XI) 10-Sep-18	100%	Mole Concept, Balancing of redox reactions & Stoichiometry Gaseous State Atomic Structure Periodic Properties	100%	Straight Line Trigonometry Trigonometry Ratios & Identities	100%	Units & Dimensions Vectors Kinematics
		30%	Ai ² TS-1 Syllabus	30%	Ai ² TS-1 Syllabus	30%	Ai ² TS-1 Syllabus
	Ai ² TS-2(XI) 05-Nov-18	70%	Chemical Bonding Group 1 & Group 2 Hydrogen & Its Compounds Chemical Equilibrium	70%	Circles Parabola	70%	Laws Of Motion Work Power & Energy Conservation Of Momentum
		40%	Ai ² TS-1 & Ai ² TS-2 Syllabus	40%	Ai ² TS-1 & Ai ² TS-2 Syllabus	40%	Ai ² TS -1 & Ai ² TS -2 Syllabus
	Ai ² TS-3(XI) 07-Jan-19	60%	Ionic Equilibrium Thermodynamics Group 13 & Group 14	60%	Ellipse Hyperbola Quadratic Equations & Expressions	60%	Rotational Motion Gravitation Fluids
	40%	Ai ² TS-1, Ai ² TS-2 & Ai ² TS-3 Syllabus	40%	Ai ² TS-1, Ai ² TS-2 & Ai ² TS-3 Syllabus	40%	Ai ² TS -1, Ai ² TS -2 & Ai ² TS -3 Syllabus	
Ai ² TS-4(XI) 18-Mar-19	60%	General Organic Chemistry Isomerism Electrophilic Aromatic Substitution Hydrocarbons	60%	Binomial Theorem Permutation & Combination Progression and Series Solution Of Triangle Trigonometric Equations Complex Numbers	60%	Simple Harmonic Motion Waves & Sound Heat & Thermodynamics	

Ai²TS SYLLABUS

CLASS	Ai ² TS	CHEMISTRY	MATHEMATICS	PHYSICS	
XII	Ai ² TS-1(XII) 16-Jul-18	40% Questions from Class XIth topics - Stoichiometry, Gaseous State, Atomic Structure, Periodic Properties 60% Questions from Class XIIth topics - Alky & Aryl Halides, Alcohol, Ether & Phenol, Aldehyde & Ketone	40% Questions from Class XIth topics - Straight Lines, Circle, Conic Section, Parabola, Ellipse, Hyperbola 60% Questions from Class XIIth topics - Functions, Limits Continuity & Differentiability, Application of Derivatives	40% Questions from Class XIth topics - Vectors, Kinematics, Newton's Laws of Motion, Work, Power & Energy 60% Questions from Class XIIth topics - Electrostatics, Current Electricity	
	Ai ² TS-2(XII) 06-Aug-18	30% Questions from class XIth topics - Chemical Bonding, S Block & Hydrogen, Chemical Kinetics 20% Questions on Ai ² TS-1 topics (Class XII topics Only) 50% Questions from Class XIIth topics - Carboxylic Acids & Derivatives Amines, Carbohydrate, Amino Acids, Polymers & POC	30% Questions from class XIth topics - Permutation & Combination, Binomial Theorem 20% Questions on Ai ² TS-1 topics (Class XII topics Only) 50% Questions from Class XIIth topics - Indefinite Integrals, Definite Integrals, Area, Differential Equations	30% Questions from class XIth topics - Gravitation, SHM & Elasticity 20% Questions on Ai ² TS-1 topics (Class XII topics Only) 50% Questions from Class XIIth topics - Magnetism	
	Ai ² TS-3(XII) 10-Sep-18	30% Questions from class XIth topics - Thermochemistry & Thermodynamics, Chemical Equilibrium, Ionic Equilibrium, Boron & Carbon Family 20% Questions on Ai ² TS-1 & Ai ² TS-2 topics (Class XII topics Only) 50% Questions from Class XIIth topics - Qualitative Analysis, Solid State, Liquid Solution, Electrochemistry	30% Questions from class XIth topics - Quadratic Equations & Expressions, Logarithms, Complex Numbers 20% Questions on Ai ² TS-1 & Ai ² TS-2 topics (Class XII topics Only) 50% Questions from Class XIIth topics - Probability, Determinants, Matrices & Vector	30% Questions from class XIth topics - Conservation of Momentum, Rotation & Motion, Fluid 20% Questions on Ai ² TS-1 & Ai ² TS-2 topics (Class XII topics Only) 50% Questions from Class XIIth topics - Electromagnetic Induction	
	Ai ² TS-4(XII) 08-Oct-18	30% Questions from class XIth topics - GOC & Isomerism, EAS, Hydrocarbons 20% Questions on Ai ² TS-1, Ai ² TS-2 & Ai ² TS-3 topics (Class XII topics Only) 50% Questions from Class XIIth topics - Transition Elements & Coordination Compounds, Gr 15-18 Groups, Ores & Metallurgy	30% Questions from class XIth topics - Progression & Series, Trigonometric Ratios and Identities, Solution of Triangle, Trigonometric Equations, Inverse Trigonometric Function 20% Questions on Ai ² TS-1, Ai ² TS-2 & Ai ² TS-3 topics (Class XII topics Only) 50% Questions from Class XIIth topics - 3-D Geometry	30% Questions from class XIth topics - Waves & Sound and Heat & Thermodynamics 20% Questions on Ai ² TS-1, Ai ² TS-2 & Ai ² TS-3 topics (Class XII topics Only) 50% Questions from Class XIIth topics - Geometrical Optics & Wave Optics, Modern Physics	
	Ai ² TS-5(XII) 05-Nov-18	Stoichiometry Gaseous State Atomic Structure Periodic Properties Chemical Bonding S-Block & Hydrogen Chemical Kinetics Thermo chemistry & Thermodynamics	Set, Relations & Function Function Limits, Continuity & Differentiability Application of Derivatives Indefinite Integrals Definite Integrals	Vector Kinematics Laws of Motion Work, Energy & Power Conservation of Momentum	
	Ai ² TS-6(XII) 03-Dec-18	Chemical Equilibrium Ionic Equilibrium Boron & Carbon Family GOC & Isomerism EAS Hydrocarbons	Area Differential Equations Straight Lines Circle Parabola Ellipse Hyperbola	Rotational Motion Electrostatics Current Electricity	
	Ai ² TS-7(XII) 21-Jan-19	Alkyl & Aryl Halides Alcohol, Ether & Phenol Aldehyde & Ketone Carboxylic Acids & Derivatives Amines Carbohydrate, Amino Acid, Polymers & POC	Quadratic Equation & Expressions Complex Numbers Permutation & Combination Probability Binomial Theorem Progression & Series	Magnetism Electromagnetic Induction Heat & Thermodynamics Gravitation Fluid	
	Ai ² TS-8(XII) 18-Feb-19	Qualitative Analysis Solid State Liquid Solution Transition Elements & Coordination Chemistry Electrochemistry Gr-15 to Gr-18 Groups Ores & Metallurgy	Vector 3D Geometry Trigonometric Ratios & Identities Matrices Determinants	SHM & Elasticity Waves & Sound Geometrical Optics Wave Optics	
	Ai ² TS-9(XII) 22-Apr-19	PAPER 1 (3 Hrs) – FULL JEE ADVANCED SYLLABUS PAPER 2 (3 Hrs) – FULL JEE ADVANCED SYLLABUS			
	Ai ² TS-10(XII) 29-Apr-19	PAPER 1 (3 Hrs) – FULL JEE ADVANCED SYLLABUS PAPER 2 (3 Hrs) – FULL JEE ADVANCED SYLLABUS			