



Prayas JEE 2026 Lecture Planner- Mathematics

| S. No. | Batch Name | Subject | Sub- Subject | Chapter Name | Topic | Lecture Number | Date | Faculty Name |
|--------|-----------------|-------------|--------------|-------------------------|--|----------------|---------------------------|---------------------|
| 1 | Prayas JEE 2026 | Mathematics | Mathematics | Basic Mathematics | Number system | 1 | Monday, April 21, 2025 | Ashish Aggrawal Sir |
| 2 | Prayas JEE 2026 | Mathematics | Mathematics | Basic Mathematics | Number system | 2 | Tuesday, April 22, 2025 | Ashish Aggrawal Sir |
| 3 | Prayas JEE 2026 | Mathematics | Mathematics | Basic Mathematics | Number system | 3 | Wednesday, April 23, 2025 | Ashish Aggrawal Sir |
| 4 | Prayas JEE 2026 | Mathematics | Mathematics | Basic Mathematics | Number system | 4 | Thursday, April 24, 2025 | Ashish Aggrawal Sir |
| 5 | Prayas JEE 2026 | Mathematics | Mathematics | Basic Mathematics | Wavy Curve Method | 5 | Friday, April 25, 2025 | Ashish Aggrawal Sir |
| 6 | Prayas JEE 2026 | Mathematics | Mathematics | Basic Mathematics | Wavy Curve Method | 6 | Saturday, April 26, 2025 | Ashish Aggrawal Sir |
| 7 | Prayas JEE 2026 | Mathematics | Mathematics | Basic Mathematics | Wavy Curve Method | 7 | Monday, April 28, 2025 | Ashish Aggrawal Sir |
| 8 | Prayas JEE 2026 | Mathematics | Mathematics | Basic Mathematics | Wavy Curve Method | 8 | Tuesday, April 29, 2025 | Ashish Aggrawal Sir |
| 9 | Prayas JEE 2026 | Mathematics | Mathematics | Basic Mathematics | Wavy Curve Method | 9 | Wednesday, April 30, 2025 | Ashish Aggrawal Sir |
| 10 | Prayas JEE 2026 | Mathematics | Mathematics | Basic Mathematics | Logarithm | 10 | Friday, May 2, 2025 | Ashish Aggrawal Sir |
| 11 | Prayas JEE 2026 | Mathematics | Mathematics | Basic Mathematics | Logarithm | 11 | Saturday, May 3, 2025 | Ashish Aggrawal Sir |
| 12 | Prayas JEE 2026 | Mathematics | Mathematics | Basic Mathematics | Logarithm | 12 | Monday, May 5, 2025 | Ashish Aggrawal Sir |
| 13 | Prayas JEE 2026 | Mathematics | Mathematics | Basic Mathematics | Modulus | 13 | Tuesday, May 6, 2025 | Ashish Aggrawal Sir |
| 14 | Prayas JEE 2026 | Mathematics | Mathematics | Basic Mathematics | Modulus | 14 | Wednesday, May 7, 2025 | Ashish Aggrawal Sir |
| 15 | Prayas JEE 2026 | Mathematics | Mathematics | Basic Mathematics | Modulus | 15 | Thursday, May 8, 2025 | Ashish Aggrawal Sir |
| 16 | Prayas JEE 2026 | Mathematics | Mathematics | Basic Mathematics | Modulus | 16 | Friday, May 9, 2025 | Ashish Aggrawal Sir |
| 17 | Prayas JEE 2026 | Mathematics | Mathematics | Basic Mathematics | Modulus | 17 | Saturday, May 10, 2025 | Ashish Aggrawal Sir |
| 18 | Prayas JEE 2026 | Mathematics | Mathematics | Quadratic Equations | Introduction | 1 | Monday, May 12, 2025 | Ashish Aggrawal Sir |
| 19 | Prayas JEE 2026 | Mathematics | Mathematics | Quadratic Equations | Common roots | 2 | Tuesday, May 13, 2025 | Ashish Aggrawal Sir |
| 20 | Prayas JEE 2026 | Mathematics | Mathematics | Quadratic Equations | Theory of equation | 3 | Wednesday, May 14, 2025 | Ashish Aggrawal Sir |
| 21 | Prayas JEE 2026 | Mathematics | Mathematics | Quadratic Equations | Graph of ax^2+bx+c | 4 | Thursday, May 15, 2025 | Ashish Aggrawal Sir |
| 22 | Prayas JEE 2026 | Mathematics | Mathematics | Quadratic Equations | Sign of ax^2+bx+c | 5 | Friday, May 16, 2025 | Ashish Aggrawal Sir |
| 23 | Prayas JEE 2026 | Mathematics | Mathematics | Quadratic Equations | Location of roots | 6 | Saturday, May 17, 2025 | Ashish Aggrawal Sir |
| 24 | Prayas JEE 2026 | Mathematics | Mathematics | Quadratic Equations | Location results | 7 | Monday, May 19, 2025 | Ashish Aggrawal Sir |
| 25 | Prayas JEE 2026 | Mathematics | Mathematics | Quadratic Equations | Descarte's rule of signs | 8 | Tuesday, May 20, 2025 | Ashish Aggrawal Sir |
| 26 | Prayas JEE 2026 | Mathematics | Mathematics | Quadratic Equations | Descarte's rule of signs | 9 | Wednesday, May 21, 2025 | Ashish Aggrawal Sir |
| 27 | Prayas JEE 2026 | Mathematics | Mathematics | Sequence and Series | Introduction | 1 | Thursday, May 22, 2025 | Ashish Aggrawal Sir |
| 28 | Prayas JEE 2026 | Mathematics | Mathematics | Sequence and Series | Arithmetic Progression (AP) | 2 | Friday, May 23, 2025 | Ashish Aggrawal Sir |
| 29 | Prayas JEE 2026 | Mathematics | Mathematics | Sequence and Series | Geometric Progression (GP) | 3 | Saturday, May 24, 2025 | Ashish Aggrawal Sir |
| 30 | Prayas JEE 2026 | Mathematics | Mathematics | Sequence and Series | Harmonical Progression (HP) | 4 | Monday, May 26, 2025 | Ashish Aggrawal Sir |
| 31 | Prayas JEE 2026 | Mathematics | Mathematics | Sequence and Series | Insertion of mean's between Two numbers | 5 | Tuesday, May 27, 2025 | Ashish Aggrawal Sir |
| 32 | Prayas JEE 2026 | Mathematics | Mathematics | Sequence and Series | Properties of Means Arithmetical Geometric Series (AGS) | 6 | Wednesday, May 28, 2025 | Ashish Aggrawal Sir |
| 33 | Prayas JEE 2026 | Mathematics | Mathematics | Sequence and Series | Summation Method of difference | 7 | Thursday, May 29, 2025 | Ashish Aggrawal Sir |
| 34 | Prayas JEE 2026 | Mathematics | Mathematics | Sequence and Series | Telescopic series | 8 | Friday, May 30, 2025 | Ashish Aggrawal Sir |
| 35 | Prayas JEE 2026 | Mathematics | Mathematics | Trigonometric Functions | Introduction | 1 | Saturday, May 31, 2025 | Ashish Aggrawal Sir |
| 36 | Prayas JEE 2026 | Mathematics | Mathematics | Trigonometric Functions | Trigonometrical Ratios for Acute Angle | 2 | Monday, June 2, 2025 | Ashish Aggrawal Sir |
| 37 | Prayas JEE 2026 | Mathematics | Mathematics | Trigonometric Functions | Basic identities Sign Convention of the Trigonometric Functions | 3 | Tuesday, June 3, 2025 | Ashish Aggrawal Sir |
| 38 | Prayas JEE 2026 | Mathematics | Mathematics | Trigonometric Functions | Domain/Range of Trigonometrical Functions | 4 | Wednesday, June 4, 2025 | Ashish Aggrawal Sir |
| 39 | Prayas JEE 2026 | Mathematics | Mathematics | Trigonometric Functions | Allied Angles Sum and Difference Formulae Multiple and Submultiple Angles Trigonometric Ratios of Standard Angles | 5 | Thursday, June 5, 2025 | Ashish Aggrawal Sir |

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| 40 | Prayas JEE 2026 | Mathematics | Mathematics | Trigonometric Functions | Transformation Formulae Identities | 6 | Saturday, June 7, 2025 | Ashish Aggrawal Sir |
| 41 | Prayas JEE 2026 | Mathematics | Mathematics | Trigonometric Functions | Maximum/Minimum Value | 7 | Monday, June 9, 2025 | Ashish Aggrawal Sir |
| 42 | Prayas JEE 2026 | Mathematics | Mathematics | Trigonometric Functions | Some Series Telescopic series | 8 | Tuesday, June 10, 2025 | Ashish Aggrawal Sir |
| 43 | Prayas JEE 2026 | Mathematics | Mathematics | Trigonometric Equation | Introduction | 1 | Wednesday, June 11, 2025 | Ashish Aggrawal Sir |
| 44 | Prayas JEE 2026 | Mathematics | Mathematics | Trigonometric Equation | Solution | 2 | Thursday, June 12, 2025 | Ashish Aggrawal Sir |
| 45 | Prayas JEE 2026 | Mathematics | Mathematics | Trigonometric Equation | Type of Trigonometrical Equation | 3 | Friday, June 13, 2025 | Ashish Aggrawal Sir |
| 46 | Prayas JEE 2026 | Mathematics | Mathematics | Trigonometric Equation | Type of Trigonometrical Equation | 4 | Saturday, June 14, 2025 | Ashish Aggrawal Sir |
| 47 | Prayas JEE 2026 | Mathematics | Mathematics | Permutations and Combinations | Introduction Counting Permutation | 1 | Monday, June 16, 2025 | Ashish Aggrawal Sir |
| 48 | Prayas JEE 2026 | Mathematics | Mathematics | Permutations and Combinations | Circular Permutation Combination | 2 | Tuesday, June 17, 2025 | Ashish Aggrawal Sir |
| 49 | Prayas JEE 2026 | Mathematics | Mathematics | Permutations and Combinations | Divisors | 3 | Wednesday, June 18, 2025 | Ashish Aggrawal Sir |
| 50 | Prayas JEE 2026 | Mathematics | Mathematics | Permutations and Combinations | Exponent | 4 | Thursday, June 19, 2025 | Ashish Aggrawal Sir |
| 51 | Prayas JEE 2026 | Mathematics | Mathematics | Permutations and Combinations | Division and distribution | 5 | Friday, June 20, 2025 | Ashish Aggrawal Sir |
| 52 | Prayas JEE 2026 | Mathematics | Mathematics | Permutations and Combinations | Division and distribution | 6 | Saturday, June 21, 2025 | Ashish Aggrawal Sir |
| 53 | Prayas JEE 2026 | Mathematics | Mathematics | Permutations and Combinations | Derangement | 7 | Monday, June 23, 2025 | Ashish Aggrawal Sir |
| 54 | Prayas JEE 2026 | Mathematics | Mathematics | Permutations and Combinations | Some rules | 8 | Tuesday, June 24, 2025 | Ashish Aggrawal Sir |
| 55 | Prayas JEE 2026 | Mathematics | Mathematics | Binomial theorem | Introduction Expansion of $(x+a)^n$ | 1 | Wednesday, June 25, 2025 | Ashish Aggrawal Sir |
| 56 | Prayas JEE 2026 | Mathematics | Mathematics | Binomial theorem | General terms Middle terms | 2 | Thursday, June 26, 2025 | Ashish Aggrawal Sir |
| 57 | Prayas JEE 2026 | Mathematics | Mathematics | Binomial theorem | Numerically greatest term of binomial expansion Form $(A + x)^n$ | 3 | Friday, June 27, 2025 | Ashish Aggrawal Sir |
| 58 | Prayas JEE 2026 | Mathematics | Mathematics | Binomial theorem | Sum of coefficients in binomial expansion Sum of odd terms | 4 | Saturday, June 28, 2025 | Ashish Aggrawal Sir |
| 59 | Prayas JEE 2026 | Mathematics | Mathematics | Binomial theorem | Multinomial theorem | 5 | Monday, June 30, 2025 | Ashish Aggrawal Sir |
| 60 | Prayas JEE 2026 | Mathematics | Mathematics | Binomial theorem | Binomial theorem for any index | 6 | Tuesday, July 1, 2025 | Ashish Aggrawal Sir |
| 61 | Prayas JEE 2026 | Mathematics | Mathematics | Straight Lines | Introduction Section formula | 1 | Wednesday, July 2, 2025 | Ashish Aggrawal Sir |
| 62 | Prayas JEE 2026 | Mathematics | Mathematics | Straight Lines | Different Centre of Triangle | 2 | Thursday, July 3, 2025 | Ashish Aggrawal Sir |
| 63 | Prayas JEE 2026 | Mathematics | Mathematics | Straight Lines | Area Locus | 3 | Friday, July 4, 2025 | Ashish Aggrawal Sir |
| 64 | Prayas JEE 2026 | Mathematics | Mathematics | Straight Lines | Straight line Slope | 4 | Saturday, July 5, 2025 | Ashish Aggrawal Sir |
| 65 | Prayas JEE 2026 | Mathematics | Mathematics | Straight Lines | Standard form of straight line Position of point w.r.t straight line | 5 | Monday, July 7, 2025 | Ashish Aggrawal Sir |
| 66 | Prayas JEE 2026 | Mathematics | Mathematics | Straight Lines | Angle between two straight lines | 6 | Tuesday, July 8, 2025 | Ashish Aggrawal Sir |
| 67 | Prayas JEE 2026 | Mathematics | Mathematics | Straight Lines | Perpendicular distance Concurrent lines | 7 | Wednesday, July 9, 2025 | Ashish Aggrawal Sir |
| 68 | Prayas JEE 2026 | Mathematics | Mathematics | Straight Lines | Family of lines Angle bisector | 8 | Thursday, July 10, 2025 | Ashish Aggrawal Sir |
| 69 | Prayas JEE 2026 | Mathematics | Mathematics | Circles | Transformation of Axis Pair of straight lines | 8 | Thursday, July 10, 2025 | Ashish Aggrawal Sir |
| 69 | Prayas JEE 2026 | Mathematics | Mathematics | Circles | Introduction General equation | 1 | Friday, July 11, 2025 | Ashish Aggrawal Sir |
| 70 | Prayas JEE 2026 | Mathematics | Mathematics | Circles | Diameter form Parametric form | 2 | Saturday, July 12, 2025 | Ashish Aggrawal Sir |

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| 71 | Prayas JEE 2026 | Mathematics | Mathematics | Circles | Intercept made on axis Position of point w.r.t circle Position of straight lines w.r.t circles | 3 | Monday, July 14, 2025 | Ashish Aggrawal Sir |
| 72 | Prayas JEE 2026 | Mathematics | Mathematics | Circles | Tangent Normal Director circle Chord of contact Chord of mid point form | 4 | Tuesday, July 15, 2025 | Ashish Aggrawal Sir |
| 73 | Prayas JEE 2026 | Mathematics | Mathematics | Circles | Pair of tangent Radical axis | 5 | Wednesday, July 16, 2025 | Ashish Aggrawal Sir |
| 74 | Prayas JEE 2026 | Mathematics | Mathematics | Circles | Family of circles Position of two Circles Common tangent | 6 | Thursday, July 17, 2025 | Ashish Aggrawal Sir |
| 75 | Prayas JEE 2026 | Mathematics | Mathematics | Circles | Angle of intersection of two circle Orthogonality of two circles | 7 | Friday, July 18, 2025 | Ashish Aggrawal Sir |
| 76 | Prayas JEE 2026 | Mathematics | Mathematics | Circles | Circle circumscribing a triangle quadrilateral | 8 | Saturday, July 19, 2025 | Ashish Aggrawal Sir |
| 77 | Prayas JEE 2026 | Mathematics | Mathematics | Conic Sections:Parabola | Introduction Standard form Parametric form | 1 | Monday, July 21, 2025 | Ashish Aggrawal Sir |
| 78 | Prayas JEE 2026 | Mathematics | Mathematics | Conic Sections:Parabola | Types of parabola General equation Focal distance | 2 | Tuesday, July 22, 2025 | Ashish Aggrawal Sir |
| 79 | Prayas JEE 2026 | Mathematics | Mathematics | Conic Sections:Parabola | Some result Position of point w.r.t. parabola Position of straight lines w.r.t parabola | 3 | Wednesday, July 23, 2025 | Ashish Aggrawal Sir |
| 80 | Prayas JEE 2026 | Mathematics | Mathematics | Conic Sections:Parabola | Tangent Normal | 4 | Thursday, July 24, 2025 | Ashish Aggrawal Sir |
| 81 | Prayas JEE 2026 | Mathematics | Mathematics | Conic Sections:Parabola | Properties of tangent & Normal Focal chord | 5 | Friday, July 25, 2025 | Ashish Aggrawal Sir |
| 82 | Prayas JEE 2026 | Mathematics | Mathematics | Conic Sections:Parabola | Chord of contact Chord in mid points form | 6 | Saturday, July 26, 2025 | Ashish Aggrawal Sir |
| 83 | Prayas JEE 2026 | Mathematics | Mathematics | Conic Sections:Parabola | Pair of tangents Director circle Properties | 7 | Monday, July 28, 2025 | Ashish Aggrawal Sir |
| 84 | Prayas JEE 2026 | Mathematics | Mathematics | Conic Sections:Ellipse | Introduction Standard form Auxiliary circle | 1 | Tuesday, July 29, 2025 | Ashish Aggrawal Sir |
| 85 | Prayas JEE 2026 | Mathematics | Mathematics | Conic Sections:Ellipse | General equation Another definition | 2 | Wednesday, July 30, 2025 | Ashish Aggrawal Sir |
| 86 | Prayas JEE 2026 | Mathematics | Mathematics | Conic Sections:Ellipse | Focal distance Position of point w.r.t. ellipse | 3 | Thursday, July 31, 2025 | Ashish Aggrawal Sir |
| 87 | Prayas JEE 2026 | Mathematics | Mathematics | Conic Sections:Ellipse | Position of straight line w.r.t. ellipse Tangent | 4 | Friday, August 1, 2025 | Ashish Aggrawal Sir |
| 88 | Prayas JEE 2026 | Mathematics | Mathematics | Conic Sections:Ellipse | Normal Equation of chord joining the P(a) and Q(b) | 5 | Saturday, August 2, 2025 | Ashish Aggrawal Sir |
| 89 | Prayas JEE 2026 | Mathematics | Mathematics | Conic Sections:Ellipse | Director circle Properties | 6 | Monday, August 4, 2025 | Ashish Aggrawal Sir |
| 90 | Prayas JEE 2026 | Mathematics | Mathematics | Conic Sections:Hyperbola | Introduction Standard form | 1 | Tuesday, August 5, 2025 | Ashish Aggrawal Sir |
| 91 | Prayas JEE 2026 | Mathematics | Mathematics | Conic Sections:Hyperbola | General equation Another definition Auxiliary circle | 2 | Wednesday, August 6, 2025 | Ashish Aggrawal Sir |

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| 92 | Prayas JEE 2026 | Mathematics | Mathematics | Conic Sections:Hyperbola | Focal distance Position of point w.r.t. hyperbola Position of straight lines w.r.t. hyperbola | 3 | Thursday, August 7, 2025 | Ashish Aggrawal Sir |
| 93 | Prayas JEE 2026 | Mathematics | Mathematics | Conic Sections:Hyperbola | Tangent Normal Properties Related to Tangent & normal Chord of contact Chord in mid point form | 4 | Saturday, August 9, 2025 | Ashish Aggrawal Sir |
| 94 | Prayas JEE 2026 | Mathematics | Mathematics | Conic Sections:Hyperbola | Pair of tangents Director circle Asymptotes | 5 | Monday, August 11, 2025 | Ashish Aggrawal Sir |
| 95 | Prayas JEE 2026 | Mathematics | Mathematics | Conic Sections:Hyperbola | Rectangular hyperbola Properties | 6 | Tuesday, August 12, 2025 | Ashish Aggrawal Sir |
| 96 | Prayas JEE 2026 | Mathematics | Mathematics | Determinants | Introduction Minor and cofactor | 1 | Wednesday, August 13, 2025 | Ashish Aggrawal Sir |
| 97 | Prayas JEE 2026 | Mathematics | Mathematics | Determinants | General Properties | 2 | Thursday, August 14, 2025 | Ashish Aggrawal Sir |
| 98 | Prayas JEE 2026 | Mathematics | Mathematics | Determinants | Addition/Summation Product Differentiation | 3 | Saturday, August 16, 2025 | Ashish Aggrawal Sir |
| 99 | Prayas JEE 2026 | Mathematics | Mathematics | Determinants | Solution of Equation | 4 | Monday, August 18, 2025 | Ashish Aggrawal Sir |
| 100 | Prayas JEE 2026 | Mathematics | Mathematics | Matrices | Introduction Types of the Matrices Equality of Matrices | 1 | Tuesday, August 19, 2025 | Ashish Aggrawal Sir |
| 101 | Prayas JEE 2026 | Mathematics | Mathematics | Matrices | Trace of a Matrix Determinants Operation on Matrices (Addition, Subtraction and Multiplication) | 2 | Wednesday, August 20, 2025 | Ashish Aggrawal Sir |
| 102 | Prayas JEE 2026 | Mathematics | Mathematics | Matrices | Matrix Inversion Transpose of a Matrix | 3 | Thursday, August 21, 2025 | Ashish Aggrawal Sir |
| 103 | Prayas JEE 2026 | Mathematics | Mathematics | Matrices | Transposed Conjugate of a Matrix A Symmetric and Skew Symmetric Matrix | 4 | Friday, August 22, 2025 | Ashish Aggrawal Sir |
| 104 | Prayas JEE 2026 | Mathematics | Mathematics | Matrices | Orthogonal matrix Adjoint of Matrix Invertible Matrix Elementary Operation (Transformation) of a Matrix | 5 | Saturday, August 23, 2025 | Ashish Aggrawal Sir |
| 105 | Prayas JEE 2026 | Mathematics | Mathematics | Matrices | Inverse of a matrix | 6 | Monday, August 25, 2025 | Ashish Aggrawal Sir |
| 106 | Prayas JEE 2026 | Mathematics | Mathematics | Matrices | Characteristic equation Equation solving by matrix method | 7 | Tuesday, August 26, 2025 | Ashish Aggrawal Sir |
| 107 | Prayas JEE 2026 | Mathematics | Mathematics | Sets | Introduction Sets and their Representation | 1 | Thursday, August 28, 2025 | Ashish Aggrawal Sir |
| 108 | Prayas JEE 2026 | Mathematics | Mathematics | Sets | Types of Sets Operations on Sets | 2 | Friday, August 29, 2025 | Ashish Aggrawal Sir |
| 109 | Prayas JEE 2026 | Mathematics | Mathematics | Sets | Algebra of sets Geometrical Practical Problems on Union and Intersection of Two Sets | 3 | Saturday, August 30, 2025 | Ashish Aggrawal Sir |
| 110 | Prayas JEE 2026 | Mathematics | Mathematics | Relations and Functions | Relation Type of Relations | 4 | Monday, September 1, 2025 | Ashish Aggrawal Sir |
| 111 | Prayas JEE 2026 | Mathematics | Mathematics | Relations and Functions | Functions Domain and Range of Functions | 5 | Tuesday, September 2, 2025 | Ashish Aggrawal Sir |
| 112 | Prayas JEE 2026 | Mathematics | Mathematics | Relations and Functions | Type of Functions Equal Function | 6 | Wednesday, September 3, 2025 | Ashish Aggrawal Sir |

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| 113 | Prayas JEE 2026 | Mathematics | Mathematics | Relations and Functions | Classification of Function | 7 | Thursday, September 4, 2025 | Ashish Aggrawal Sir |
| 114 | Prayas JEE 2026 | Mathematics | Mathematics | Relations and Functions | Composite Function | 8 | Friday, September 5, 2025 | Ashish Aggrawal Sir |
| 115 | Prayas JEE 2026 | Mathematics | Mathematics | Relations and Functions | Odd/Even Function | 9 | Saturday, September 6, 2025 | Ashish Aggrawal Sir |
| 116 | Prayas JEE 2026 | Mathematics | Mathematics | Relations and Functions | Period of Function | 10 | Monday, September 8, 2025 | Ashish Aggrawal Sir |
| 117 | Prayas JEE 2026 | Mathematics | Mathematics | Relations and Functions | Inverse of Function | 11 | Tuesday, September 9, 2025 | Ashish Aggrawal Sir |
| 118 | Prayas JEE 2026 | Mathematics | Mathematics | Relations and Functions | Some Graph and its transformation | 12 | Wednesday, September 10, 2025 | Ashish Aggrawal Sir |
| 119 | Prayas JEE 2026 | Mathematics | Mathematics | Relations and Functions | Functional Equation | 13 | Thursday, September 11, 2025 | Ashish Aggrawal Sir |
| 120 | Prayas JEE 2026 | Mathematics | Mathematics | Inverse Trigonometric Functions | Introduction | 1 | Friday, September 12, 2025 | Ashish Aggrawal Sir |
| 121 | Prayas JEE 2026 | Mathematics | Mathematics | Inverse Trigonometric Functions | Domain/Range of ITF | 2 | Saturday, September 13, 2025 | Ashish Aggrawal Sir |
| 122 | Prayas JEE 2026 | Mathematics | Mathematics | Inverse Trigonometric Functions | Graph | | | |
| 122 | Prayas JEE 2026 | Mathematics | Mathematics | Inverse Trigonometric Functions | Properties of Inverse Circular Functions | 3 | Monday, September 15, 2025 | Ashish Aggrawal Sir |
| 123 | Prayas JEE 2026 | Mathematics | Mathematics | Inverse Trigonometric Functions | Some Graphs | 4 | Tuesday, September 16, 2025 | Ashish Aggrawal Sir |
| 124 | Prayas JEE 2026 | Mathematics | Mathematics | Limit, Continuity and Differentiability | Limit | 1 | Wednesday, September 17, 2025 | Ashish Aggrawal Sir |
| 125 | Prayas JEE 2026 | Mathematics | Mathematics | Limit, Continuity and Differentiability | Limit | 2 | Thursday, September 18, 2025 | Ashish Aggrawal Sir |
| 126 | Prayas JEE 2026 | Mathematics | Mathematics | Limit, Continuity and Differentiability | Method finding limit | 3 | Friday, September 19, 2025 | Ashish Aggrawal Sir |
| 127 | Prayas JEE 2026 | Mathematics | Mathematics | Limit, Continuity and Differentiability | Method finding limit Sandwich Theorem Newton Laibnitz Theorem | 4 | Saturday, September 20, 2025 | Ashish Aggrawal Sir |
| 128 | Prayas JEE 2026 | Mathematics | Mathematics | Limit, Continuity and Differentiability | Continuity | 5 | Monday, September 22, 2025 | Ashish Aggrawal Sir |
| 129 | Prayas JEE 2026 | Mathematics | Mathematics | Limit, Continuity and Differentiability | Continuity | 6 | Tuesday, September 23, 2025 | Ashish Aggrawal Sir |
| 130 | Prayas JEE 2026 | Mathematics | Mathematics | Limit, Continuity and Differentiability | Intermediate mean value theorem | 7 | Wednesday, September 24, 2025 | Ashish Aggrawal Sir |
| 131 | Prayas JEE 2026 | Mathematics | Mathematics | Limit, Continuity and Differentiability | Differentiability | 8 | Thursday, September 25, 2025 | Ashish Aggrawal Sir |
| 132 | Prayas JEE 2026 | Mathematics | Mathematics | Limit, Continuity and Differentiability | Differentiability | 9 | Friday, September 26, 2025 | Ashish Aggrawal Sir |
| 133 | Prayas JEE 2026 | Mathematics | Mathematics | Method of Differentiation | Differentiation | 1 | Saturday, September 27, 2025 | Ashish Aggrawal Sir |
| 134 | Prayas JEE 2026 | Mathematics | Mathematics | Method of Differentiation | Differentiation | 2 | Monday, September 29, 2025 | Ashish Aggrawal Sir |
| 135 | Prayas JEE 2026 | Mathematics | Mathematics | Method of Differentiation | Differentiation | 3 | Tuesday, September 30, 2025 | Ashish Aggrawal Sir |
| 136 | Prayas JEE 2026 | Mathematics | Mathematics | Method of Differentiation | Differentiation | 4 | Wednesday, October 1, 2025 | Ashish Aggrawal Sir |
| 137 | Prayas JEE 2026 | Mathematics | Mathematics | Method of Differentiation | Differentiation | 5 | Friday, October 3, 2025 | Ashish Aggrawal Sir |
| 138 | Prayas JEE 2026 | Mathematics | Mathematics | Application of Derivatives | Rate of change Tangent and normal Angle between two curves | 1 | Saturday, October 4, 2025 | Ashish Aggrawal Sir |
| 139 | Prayas JEE 2026 | Mathematics | Mathematics | Application of Derivatives | Shortest distance between two curves | 2 | Monday, October 6, 2025 | Ashish Aggrawal Sir |
| 140 | Prayas JEE 2026 | Mathematics | Mathematics | Application of Derivatives | Approximation and error Monotonocity Stationary points, Critical Points | 3 | Tuesday, October 7, 2025 | Ashish Aggrawal Sir |
| 141 | Prayas JEE 2026 | Mathematics | Mathematics | Application of Derivatives | Maxima and Minima Global maxima/ global minima | 4 | Wednesday, October 8, 2025 | Ashish Aggrawal Sir |
| 142 | Prayas JEE 2026 | Mathematics | Mathematics | Application of Derivatives | Concavity Rolle's theorem | 5 | Thursday, October 9, 2025 | Ashish Aggrawal Sir |
| 143 | Prayas JEE 2026 | Mathematics | Mathematics | Application of Derivatives | Lagrange's mean value theorem (LMVT) Curve Sketching | 6 | Friday, October 10, 2025 | Ashish Aggrawal Sir |
| 144 | Prayas JEE 2026 | Mathematics | Mathematics | Indefinite Integration | Introduction Algebra of integration | 1 | Saturday, October 11, 2025 | Ashish Aggrawal Sir |
| 145 | Prayas JEE 2026 | Mathematics | Mathematics | Indefinite Integration | Integration by substitution Use of trigonometrical identities Type | 2 | Monday, October 13, 2025 | Ashish Aggrawal Sir |
| 146 | Prayas JEE 2026 | Mathematics | Mathematics | Indefinite Integration | Integration by parts Use of partial fraction | 3 | Tuesday, October 14, 2025 | Ashish Aggrawal Sir |
| 147 | Prayas JEE 2026 | Mathematics | Mathematics | Indefinite Integration | Algebraic function | 4 | Wednesday, October 15, 2025 | Ashish Aggrawal Sir |

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| 148 | Prayas JEE 2026 | Mathematics | Mathematics | Indefinite Integration | Trigonometrical form Some special type | 5 | Thursday, October 16, 2025 | Ashish Aggrawal Sir |
| 149 | Prayas JEE 2026 | Mathematics | Mathematics | Indefinite Integration | Irrational form | 6 | Friday, October 17, 2025 | Ashish Aggrawal Sir |
| 150 | Prayas JEE 2026 | Mathematics | Mathematics | Indefinite Integration | Reduction form | 7 | Friday, October 24, 2025 | Ashish Aggrawal Sir |
| 151 | Prayas JEE 2026 | Mathematics | Mathematics | Definite Integration | Introduction | 1 | Saturday, October 25, 2025 | Ashish Aggrawal Sir |
| 152 | Prayas JEE 2026 | Mathematics | Mathematics | Definite Integration | Properties | 2 | Wednesday, October 29, 2025 | Ashish Aggrawal Sir |
| 153 | Prayas JEE 2026 | Mathematics | Mathematics | Definite Integration | Properties | 3 | Thursday, October 30, 2025 | Ashish Aggrawal Sir |
| 154 | Prayas JEE 2026 | Mathematics | Mathematics | Definite Integration | Newton Leibniz Theorem | 4 | Friday, October 31, 2025 | Ashish Aggrawal Sir |
| 155 | Prayas JEE 2026 | Mathematics | Mathematics | Definite Integration | Definite integration with using limit as a sum | 5 | Saturday, November 1, 2025 | Ashish Aggrawal Sir |
| 156 | Prayas JEE 2026 | Mathematics | Mathematics | Definite Integration | Wall's Formula/ Gamma function Estimation | 6 | Monday, November 3, 2025 | Ashish Aggrawal Sir |
| 157 | Prayas JEE 2026 | Mathematics | Mathematics | Application of integrals | Area between two curves | 1 | Tuesday, November 4, 2025 | Ashish Aggrawal Sir |
| 158 | Prayas JEE 2026 | Mathematics | Mathematics | Application of integrals | Curve Sketching | 2 | Wednesday, November 5, 2025 | Ashish Aggrawal Sir |
| 159 | Prayas JEE 2026 | Mathematics | Mathematics | Application of integrals | Curve Sketching | 3 | Thursday, November 6, 2025 | Ashish Aggrawal Sir |
| 160 | Prayas JEE 2026 | Mathematics | Mathematics | Differential Equation | Introduction Formation of differential Equation | 1 | Friday, November 7, 2025 | Ashish Aggrawal Sir |
| 161 | Prayas JEE 2026 | Mathematics | Mathematics | Differential Equation | Solution of differential Equation | 2 | Saturday, November 8, 2025 | Ashish Aggrawal Sir |
| 162 | Prayas JEE 2026 | Mathematics | Mathematics | Differential Equation | Orthogonal trajectory | 3 | Monday, November 10, 2025 | Ashish Aggrawal Sir |
| 163 | Prayas JEE 2026 | Mathematics | Mathematics | Differential Equation | Clairaut's equation | 4 | Tuesday, November 11, 2025 | Ashish Aggrawal Sir |
| 164 | Prayas JEE 2026 | Mathematics | Mathematics | Differential Equation | Application of differential equation | 5 | Wednesday, November 12, 2025 | Ashish Aggrawal Sir |
| 165 | Prayas JEE 2026 | Mathematics | Mathematics | Vector Algebra | Introduction Type of vector Addition of Vector | 1 | Thursday, November 13, 2025 | Ashish Aggrawal Sir |
| 166 | Prayas JEE 2026 | Mathematics | Mathematics | Vector Algebra | Property of vector | 2 | Friday, November 14, 2025 | Ashish Aggrawal Sir |
| 167 | Prayas JEE 2026 | Mathematics | Mathematics | Vector Algebra | Orthogonal system Section formula | 3 | Saturday, November 15, 2025 | Ashish Aggrawal Sir |
| 168 | Prayas JEE 2026 | Mathematics | Mathematics | Vector Algebra | Scalar(dot) product of two vector | 4 | Monday, November 17, 2025 | Ashish Aggrawal Sir |
| 169 | Prayas JEE 2026 | Mathematics | Mathematics | Vector Algebra | Vector (cross) product | 5 | Tuesday, November 18, 2025 | Ashish Aggrawal Sir |
| 170 | Prayas JEE 2026 | Mathematics | Mathematics | Vector Algebra | Scalar triple product (STP) Vector triple product (VTP) | 6 | Wednesday, November 19, 2025 | Ashish Aggrawal Sir |
| 171 | Prayas JEE 2026 | Mathematics | Mathematics | Vector Algebra | Reciprocal system of vectors Linearly dependent and independent vector Application of vector | 7 | Thursday, November 20, 2025 | Ashish Aggrawal Sir |
| 172 | Prayas JEE 2026 | Mathematics | Mathematics | Three Dimensional Geometry | Introduction Section Formulae | 1 | Friday, November 21, 2025 | Ashish Aggrawal Sir |
| 173 | Prayas JEE 2026 | Mathematics | Mathematics | Three Dimensional Geometry | Direction cosine Direction Ratio Line | 2 | Saturday, November 22, 2025 | Ashish Aggrawal Sir |
| 174 | Prayas JEE 2026 | Mathematics | Mathematics | Three Dimensional Geometry | Angle between two line segment Perpendicular distance | 3 | Monday, November 24, 2025 | Ashish Aggrawal Sir |
| 175 | Prayas JEE 2026 | Mathematics | Mathematics | Three Dimensional Geometry | Plane Position of Two points w.r.t. plane | 4 | Tuesday, November 25, 2025 | Ashish Aggrawal Sir |
| 176 | Prayas JEE 2026 | Mathematics | Mathematics | Three Dimensional Geometry | Area of Triangle Area between planes Perpendicular distance of point from plane Angle bisector | 5 | Wednesday, November 26, 2025 | Ashish Aggrawal Sir |

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| 177 | Prayas JEE 2026 | Mathematics | Mathematics | Three Dimensional Geometry | Family of plane Angle between line and plane Coplanar lines Skew line Unit Tetrahedron and unit cube | 6 | Thursday, November 27, 2025 | Ashish Aggrawal Sir |
| 178 | Prayas JEE 2026 | Mathematics | Mathematics | Complex Number | Introduction Complex Numbers Algebraic operations | 1 | Friday, November 28, 2025 | Ashish Aggrawal Sir |
| 179 | Prayas JEE 2026 | Mathematics | Mathematics | Complex Number | Argand Plane or complex plane Conjugate of Complex | 2 | Saturday, November 29, 2025 | Ashish Aggrawal Sir |
| 180 | Prayas JEE 2026 | Mathematics | Mathematics | Complex Number | Modulus of complex no | 3 | Monday, December 1, 2025 | Ashish Aggrawal Sir |
| 181 | Prayas JEE 2026 | Mathematics | Mathematics | Complex Number | Argument of Complex numbers | 4 | Tuesday, December 2, 2025 | Ashish Aggrawal Sir |
| 182 | Prayas JEE 2026 | Mathematics | Mathematics | Complex Number | Form of complex numbers | 5 | Wednesday, December 3, 2025 | Ashish Aggrawal Sir |
| 183 | Prayas JEE 2026 | Mathematics | Mathematics | Complex Number | De moivre's theorem | 6 | Thursday, December 4, 2025 | Ashish Aggrawal Sir |
| 184 | Prayas JEE 2026 | Mathematics | Mathematics | Complex Number | Cube roots of unity nth root of unity | 7 | Friday, December 5, 2025 | Ashish Aggrawal Sir |
| 185 | Prayas JEE 2026 | Mathematics | Mathematics | Complex Number | Geometry of complex | 8 | Saturday, December 6, 2025 | Ashish Aggrawal Sir |
| 186 | Prayas JEE 2026 | Mathematics | Mathematics | Complex Number | Geometry of complex | 9 | Monday, December 8, 2025 | Ashish Aggrawal Sir |
| 187 | Prayas JEE 2026 | Mathematics | Mathematics | Probability | Introduction Event Some Results | 1 | Tuesday, December 9, 2025 | Ashish Aggrawal Sir |
| 188 | Prayas JEE 2026 | Mathematics | Mathematics | Probability | Probability | 2 | Wednesday, December 10, 2025 | Ashish Aggrawal Sir |
| 189 | Prayas JEE 2026 | Mathematics | Mathematics | Probability | Some theorems | 3 | Thursday, December 11, 2025 | Ashish Aggrawal Sir |
| 190 | Prayas JEE 2026 | Mathematics | Mathematics | Probability | Independent events | 4 | Friday, December 12, 2025 | Ashish Aggrawal Sir |
| 191 | Prayas JEE 2026 | Mathematics | Mathematics | Probability | Conditional probability | 5 | Saturday, December 13, 2025 | Ashish Aggrawal Sir |
| 192 | Prayas JEE 2026 | Mathematics | Mathematics | Probability | Baye's Theorem | 6 | Monday, December 15, 2025 | Ashish Aggrawal Sir |
| 193 | Prayas JEE 2026 | Mathematics | Mathematics | Probability | Independent events | 7 | Tuesday, December 16, 2025 | Ashish Aggrawal Sir |
| 194 | Prayas JEE 2026 | Mathematics | Mathematics | Probability | Conditional probability Baye's Theorem Independent events Conditional probability Baye's Theorem | 8 | Wednesday, December 17, 2025 | Ashish Aggrawal Sir |
| 195 | Prayas JEE 2026 | Mathematics | Mathematics | Statistics | Introduction Variable (Variate) Relative and cumulative frequency | 1 | Thursday, December 18, 2025 | Ashish Aggrawal Sir |
| 196 | Prayas JEE 2026 | Mathematics | Mathematics | Statistics | Mean | 2 | Friday, December 19, 2025 | Ashish Aggrawal Sir |
| 197 | Prayas JEE 2026 | Mathematics | Mathematics | Statistics | Mode Relation among mean median and mode | 3 | Saturday, December 20, 2025 | Ashish Aggrawal Sir |
| 198 | Prayas JEE 2026 | Mathematics | Mathematics | Statistics | Measure of Dispersion Variance | 4 | Monday, December 22, 2025 | Ashish Aggrawal Sir |
| 199 | Prayas JEE 2026 | Mathematics | Mathematics | Solution of Triangle | Intorduction Sine rule Cosine rule Projection Formula | 1 | Tuesday, December 23, 2025 | Ashish Aggrawal Sir |
| 200 | Prayas JEE 2026 | Mathematics | Mathematics | Solution of Triangle | Napier's Analogy Auxiliary formulas Area of triangle Centres of Triangle | 2 | Wednesday, December 24, 2025 | Ashish Aggrawal Sir |
| 201 | Prayas JEE 2026 | Mathematics | Mathematics | Solution of Triangle | Regular Polygon Solution of Triangle Excentral triangle Some Results | 3 | Friday, December 26, 2025 | Ashish Aggrawal Sir |



Prayas JEE 2026 Lecture Planner- Physics

| S. No. | Batch Name | Subject | Sub- Subject | Chapter Name | Topic | Lecture Number | Date | Faculty Name |
|--------|-----------------|---------|--------------|---------------------------|---|----------------|---------------------------|----------------------|
| 1 | Prayas JEE 2026 | Physics | Physics | Mathematical Tools | Basic Maths | 1 | Monday, April 21, 2025 | Manish Singh Tak sir |
| 2 | Prayas JEE 2026 | Physics | Physics | Mathematical Tools | Basic Maths | 2 | Tuesday, April 22, 2025 | Manish Singh Tak sir |
| 3 | Prayas JEE 2026 | Physics | Physics | Mathematical Tools | Scalars and Vectors | 3 | Wednesday, April 23, 2025 | Manish Singh Tak sir |
| 4 | Prayas JEE 2026 | Physics | Physics | Mathematical Tools | Subtraction of Vectors of 2 vectors, Resolution of Vectors | 4 | Thursday, April 24, 2025 | Manish Singh Tak sir |
| 5 | Prayas JEE 2026 | Physics | Physics | Mathematical Tools | Subtraction of Vectors of 2 vectors, Resolution of Vectors | 5 | Friday, April 25, 2025 | Manish Singh Tak sir |
| 6 | Prayas JEE 2026 | Physics | Physics | Mathematical Tools | Dimensions | 6 | Saturday, April 26, 2025 | Manish Singh Tak sir |
| 7 | Prayas JEE 2026 | Physics | Physics | Motion in a Straight Line | Introduction | 1 | Monday, April 28, 2025 | Manish Singh Tak sir |
| 8 | Prayas JEE 2026 | Physics | Physics | Motion in a Straight Line | Concept of position, path length (distance), displacement | 2 | Tuesday, April 29, 2025 | Manish Singh Tak sir |
| 9 | Prayas JEE 2026 | Physics | Physics | Motion in a Straight Line | Speed | 3 | Wednesday, April 30, 2025 | Manish Singh Tak sir |
| 10 | Prayas JEE 2026 | Physics | Physics | Motion in a Straight Line | Velocity | 4 | Friday, May 2, 2025 | Manish Singh Tak sir |
| 11 | Prayas JEE 2026 | Physics | Physics | Motion in a Straight Line | Acceleration | 5 | Saturday, May 3, 2025 | Manish Singh Tak sir |
| 12 | Prayas JEE 2026 | Physics | Physics | Motion in a Straight Line | Graphs | 6 | Monday, May 5, 2025 | Manish Singh Tak sir |
| 13 | Prayas JEE 2026 | Physics | Physics | Motion in a Straight Line | Motion with constant acceleration (uniformly acceleration motion) | 7 | Tuesday, May 6, 2025 | Manish Singh Tak sir |
| 14 | Prayas JEE 2026 | Physics | Physics | Motion in a Plane | Introduction | 1 | Wednesday, May 7, 2025 | Manish Singh Tak sir |
| 15 | Prayas JEE 2026 | Physics | Physics | Motion in a Plane | Motion in a plane | 2 | Thursday, May 8, 2025 | Manish Singh Tak sir |
| 16 | Prayas JEE 2026 | Physics | Physics | Motion in a Plane | Projectile Motion | 3 | Friday, May 9, 2025 | Manish Singh Tak sir |
| 17 | Prayas JEE 2026 | Physics | Physics | Relative Motion | Relative Velocity Circular motion | 1 | Saturday, May 10, 2025 | Manish Singh Tak sir |
| 18 | Prayas JEE 2026 | Physics | Physics | Relative Motion | Relative Velocity Circular motion | 2 | Monday, May 12, 2025 | Manish Singh Tak sir |
| 19 | Prayas JEE 2026 | Physics | Physics | Relative Motion | Relative Velocity Circular motion | 3 | Tuesday, May 13, 2025 | Manish Singh Tak sir |
| 20 | Prayas JEE 2026 | Physics | Physics | Laws of Motion | Newton's Laws of motion | 1 | Wednesday, May 14, 2025 | Manish Singh Tak sir |
| 21 | Prayas JEE 2026 | Physics | Physics | Laws of Motion | Newton's Laws of motion | 2 | Thursday, May 15, 2025 | Manish Singh Tak sir |
| 22 | Prayas JEE 2026 | Physics | Physics | Laws of Motion | Spring | 3 | Friday, May 16, 2025 | Manish Singh Tak sir |
| 23 | Prayas JEE 2026 | Physics | Physics | Laws of Motion | Pseudo Force | 4 | Saturday, May 17, 2025 | Manish Singh Tak sir |
| 24 | Prayas JEE 2026 | Physics | Physics | Laws of Motion | Friction | 5 | Monday, May 19, 2025 | Manish Singh Tak sir |
| 25 | Prayas JEE 2026 | Physics | Physics | Laws of Motion | Friction | 6 | Tuesday, May 20, 2025 | Manish Singh Tak sir |
| 26 | Prayas JEE 2026 | Physics | Physics | Laws of Motion | Friction | 7 | Wednesday, May 21, 2025 | Manish Singh Tak sir |
| 27 | Prayas JEE 2026 | Physics | Physics | Laws of Motion | Friction | 8 | Thursday, May 22, 2025 | Manish Singh Tak sir |
| 28 | Prayas JEE 2026 | Physics | Physics | Laws of Motion | Friction | 9 | Friday, May 23, 2025 | Manish Singh Tak sir |
| 29 | Prayas JEE 2026 | Physics | Physics | Work, Energy and Power | Introduction of Work | 1 | Saturday, May 24, 2025 | Manish Singh Tak sir |
| 30 | Prayas JEE 2026 | Physics | Physics | Work, Energy and Power | Work done by a constant force Work done by a variable force | 2 | Monday, May 26, 2025 | Manish Singh Tak sir |
| 31 | Prayas JEE 2026 | Physics | Physics | Work, Energy and Power | Graphical Interpretation | 3 | Tuesday, May 27, 2025 | Manish Singh Tak sir |
| 32 | Prayas JEE 2026 | Physics | Physics | Work, Energy and Power | Kinetic energy Conservative force Non-conservative force | 4 | Wednesday, May 28, 2025 | Manish Singh Tak sir |
| 33 | Prayas JEE 2026 | Physics | Physics | Work, Energy and Power | Potential energy Work Kinetic energy theorem | 5 | Thursday, May 29, 2025 | Manish Singh Tak sir |
| 34 | Prayas JEE 2026 | Physics | Physics | Work, Energy and Power | Types of equilibrium | 6 | Friday, May 30, 2025 | Manish Singh Tak sir |
| 35 | Prayas JEE 2026 | Physics | Physics | Work, Energy and Power | Stable Equilibrium | 7 | Saturday, May 31, 2025 | Manish Singh Tak sir |
| 36 | Prayas JEE 2026 | Physics | Physics | Work, Energy and Power | Unstable Equilibrium | 8 | Monday, June 2, 2025 | Manish Singh Tak sir |
| 37 | Prayas JEE 2026 | Physics | Physics | Work, Energy and Power | Neutral Equilibrium Power | 9 | Tuesday, June 3, 2025 | Manish Singh Tak sir |

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| 38 | Prayas JEE 2026 | Physics | Physics | Circular Motion | Circular Motion | 1 | Wednesday, June 4, 2025 | Manish Singh Tak sir |
| 39 | Prayas JEE 2026 | Physics | Physics | Circular Motion | Circular Motion | 2 | Thursday, June 5, 2025 | Manish Singh Tak sir |
| 40 | Prayas JEE 2026 | Physics | Physics | Circular Motion | Circular Motion | 3 | Saturday, June 7, 2025 | Manish Singh Tak sir |
| 41 | Prayas JEE 2026 | Physics | Physics | Circular Motion | Circular Motion | 4 | Monday, June 9, 2025 | Manish Singh Tak sir |
| 42 | Prayas JEE 2026 | Physics | Physics | Circular Motion | Circular Motion | 5 | Tuesday, June 10, 2025 | Manish Singh Tak sir |
| 43 | Prayas JEE 2026 | Physics | Physics | Centre of Mass & System of Particles | Introduction and Definition | 1 | Wednesday, June 11, 2025 | Manish Singh Tak sir |
| 44 | Prayas JEE 2026 | Physics | Physics | Centre of Mass & System of Particles | Calculation of COM - Discrete particle systems Calculation of CPM - Continuous mass systems | 2 | Thursday, June 12, 2025 | Manish Singh Tak sir |
| 45 | Prayas JEE 2026 | Physics | Physics | Centre of Mass & System of Particles | Additive System and Negative system Shifting of COM Velocity of COM Acceleration of COM | 3 | Friday, June 13, 2025 | Manish Singh Tak sir |
| 46 | Prayas JEE 2026 | Physics | Physics | Centre of Mass & System of Particles | Conservation of linear momentum | 4 | Saturday, June 14, 2025 | Manish Singh Tak sir |
| 47 | Prayas JEE 2026 | Physics | Physics | Centre of Mass & System of Particles | Jumping from cart The recoil of Gun, Explosion Problems | 5 | Monday, June 16, 2025 | Manish Singh Tak sir |
| 48 | Prayas JEE 2026 | Physics | Physics | Centre of Mass & System of Particles | C-Frame | 6 | Tuesday, June 17, 2025 | Manish Singh Tak sir |
| 49 | Prayas JEE 2026 | Physics | Physics | Centre of Mass & System of Particles | Introduction and Definition | 7 | Wednesday, June 18, 2025 | Manish Singh Tak sir |
| 50 | Prayas JEE 2026 | Physics | Physics | Centre of Mass & System of Particles | Coefficient of restitution | 8 | Thursday, June 19, 2025 | Manish Singh Tak sir |
| 51 | Prayas JEE 2026 | Physics | Physics | Centre of Mass & System of Particles | Concept of Impulse | 9 | Friday, June 20, 2025 | Manish Singh Tak sir |
| 52 | Prayas JEE 2026 | Physics | Physics | Centre of Mass & System of Particles | Impulsive and non-impulsive forces | 10 | Saturday, June 21, 2025 | Manish Singh Tak sir |
| 53 | Prayas JEE 2026 | Physics | Physics | Rotational Motion | Definition of Rigid body | 1 | Monday, June 23, 2025 | Manish Singh Tak sir |
| 54 | Prayas JEE 2026 | Physics | Physics | Rotational Motion | Moment of inertia Moment of inertia of a single particle | 2 | Tuesday, June 24, 2025 | Manish Singh Tak sir |
| 55 | Prayas JEE 2026 | Physics | Physics | Rotational Motion | Moment of inertia of a system of particles | 3 | Wednesday, June 25, 2025 | Manish Singh Tak sir |
| 56 | Prayas JEE 2026 | Physics | Physics | Rotational Motion | Moment of inertia of rigid bodies | 4 | Thursday, June 26, 2025 | Manish Singh Tak sir |
| 57 | Prayas JEE 2026 | Physics | Physics | Rotational Motion | Parallel Axis Theorem Perpendicular Axis Theorem | 5 | Friday, June 27, 2025 | Manish Singh Tak sir |
| 58 | Prayas JEE 2026 | Physics | Physics | Rotational Motion | Radius of gyration Moment of inertia of compound objects | 6 | Saturday, June 28, 2025 | Manish Singh Tak sir |
| 59 | Prayas JEE 2026 | Physics | Physics | Rotational Motion | Torque-definition Rotational equilibrium | 7 | Monday, June 30, 2025 | Manish Singh Tak sir |
| 60 | Prayas JEE 2026 | Physics | Physics | Rotational Motion | Kinetic energy of rigid body rotating about fixed axis | 8 | Tuesday, July 1, 2025 | Manish Singh Tak sir |
| 61 | Prayas JEE 2026 | Physics | Physics | Rotational Motion | Rotation about a fixed axis | 9 | Wednesday, July 2, 2025 | Manish Singh Tak sir |
| 62 | Prayas JEE 2026 | Physics | Physics | Rotational Motion | Angular momentum, conservation of angular momentum | 10 | Thursday, July 3, 2025 | Manish Singh Tak sir |
| 63 | Prayas JEE 2026 | Physics | Physics | Rotational Motion | Angular momentum, conservation of angular momentum | 11 | Friday, July 4, 2025 | Manish Singh Tak sir |
| 64 | Prayas JEE 2026 | Physics | Physics | Rotational Motion | Rotation about a fixed axis | 12 | Saturday, July 5, 2025 | Manish Singh Tak sir |
| 65 | Prayas JEE 2026 | Physics | Physics | Rotational Motion | Combined translational and rotational motion | 13 | Monday, July 7, 2025 | Manish Singh Tak sir |
| 66 | Prayas JEE 2026 | Physics | Physics | Rotational Motion | Combined translational and rotational motion | 14 | Tuesday, July 8, 2025 | Manish Singh Tak sir |
| 67 | Prayas JEE 2026 | Physics | Physics | Rotational Motion | Impulsive force and impulsive torque | 15 | Wednesday, July 9, 2025 | Manish Singh Tak sir |
| 68 | Prayas JEE 2026 | Physics | Physics | Oscillations | Linear SHM | 1 | Thursday, July 10, 2025 | Manish Singh Tak sir |
| 69 | Prayas JEE 2026 | Physics | Physics | Oscillations | Linear SHM | 2 | Friday, July 11, 2025 | Manish Singh Tak sir |
| 70 | Prayas JEE 2026 | Physics | Physics | Oscillations | Energy in SHM | 3 | Saturday, July 12, 2025 | Manish Singh Tak sir |
| 71 | Prayas JEE 2026 | Physics | Physics | Oscillations | Series and Parallel Combination of Springs | 4 | Monday, July 14, 2025 | Manish Singh Tak sir |
| 72 | Prayas JEE 2026 | Physics | Physics | Oscillations | Angular SHM | 5 | Tuesday, July 15, 2025 | Manish Singh Tak sir |
| 73 | Prayas JEE 2026 | Physics | Physics | Oscillations | Some special cases of SHM | 6 | Wednesday, July 16, 2025 | Manish Singh Tak sir |
| 74 | Prayas JEE 2026 | Physics | Physics | Oscillations | Some special cases of SHM | 7 | Thursday, July 17, 2025 | Manish Singh Tak sir |

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| 75 | Prayas JEE 2026 | Physics | Physics | Ray Optics and Optical Instruments | Plane mirrors | 1 | Friday, July 18, 2025 | Manish Singh Tak sir |
| 76 | Prayas JEE 2026 | Physics | Physics | Ray Optics and Optical Instruments | Reflection From a Curved Surface | 2 | Saturday, July 19, 2025 | Manish Singh Tak sir |
| 77 | Prayas JEE 2026 | Physics | Physics | Ray Optics and Optical Instruments | Refraction of Light | 3 | Monday, July 21, 2025 | Manish Singh Tak sir |
| 78 | Prayas JEE 2026 | Physics | Physics | Ray Optics and Optical Instruments | Prism | 4 | Tuesday, July 22, 2025 | Manish Singh Tak sir |
| 79 | Prayas JEE 2026 | Physics | Physics | Ray Optics and Optical Instruments | TIR | 5 | Wednesday, July 23, 2025 | Manish Singh Tak sir |
| 80 | Prayas JEE 2026 | Physics | Physics | Ray Optics and Optical Instruments | Refraction from Spherical surface | 6 | Thursday, July 24, 2025 | Manish Singh Tak sir |
| 81 | Prayas JEE 2026 | Physics | Physics | Ray Optics and Optical Instruments | Thin Lens | 7 | Friday, July 25, 2025 | Manish Singh Tak sir |
| 82 | Prayas JEE 2026 | Physics | Physics | Ray Optics and Optical Instruments | Optical Instruments | 8 | Saturday, July 26, 2025 | Manish Singh Tak sir |
| 83 | Prayas JEE 2026 | Physics | Physics | Ray Optics and Optical Instruments | Optical Instruments | 9 | Monday, July 28, 2025 | Manish Singh Tak sir |
| 84 | Prayas JEE 2026 | Physics | Physics | Ray Optics and Optical Instruments | Optical Instruments | 10 | Tuesday, July 29, 2025 | Manish Singh Tak sir |
| 85 | Prayas JEE 2026 | Physics | Physics | Ray Optics and Optical Instruments | Optical Instruments | 11 | Wednesday, July 30, 2025 | Manish Singh Tak sir |
| 86 | Prayas JEE 2026 | Physics | Physics | Ray Optics and Optical Instruments | Thin Lens | 12 | Thursday, July 31, 2025 | Manish Singh Tak sir |
| 87 | Prayas JEE 2026 | Physics | Physics | Ray Optics and Optical Instruments | Thin Lens | 13 | Friday, August 1, 2025 | Manish Singh Tak sir |
| 88 | Prayas JEE 2026 | Physics | Physics | Ray Optics and Optical Instruments | Thin Lens | 14 | Saturday, August 2, 2025 | Manish Singh Tak sir |
| 89 | Prayas JEE 2026 | Physics | Physics | Ray Optics and Optical Instruments | Thin Lens | 15 | Monday, August 4, 2025 | Manish Singh Tak sir |
| 90 | Prayas JEE 2026 | Physics | Physics | Dual Nature | Dual nature of matter and waves | 1 | Tuesday, August 5, 2025 | Manish Singh Tak sir |
| 91 | Prayas JEE 2026 | Physics | Physics | Dual Nature | Photoelectric effect | 2 | Wednesday, August 6, 2025 | Manish Singh Tak sir |
| 92 | Prayas JEE 2026 | Physics | Physics | Dual Nature | Quantum Theory of Light | 3 | Thursday, August 7, 2025 | Manish Singh Tak sir |
| 93 | Prayas JEE 2026 | Physics | Physics | Atoms | Atomic Models | 1 | Saturday, August 9, 2025 | Manish Singh Tak sir |
| 94 | Prayas JEE 2026 | Physics | Physics | Atoms | Bohr's Model | 2 | Monday, August 11, 2025 | Manish Singh Tak sir |
| 95 | Prayas JEE 2026 | Physics | Physics | Atoms | Atomic Spectrum Hydrogen Spectra & Atomic collision X-Rays | 3 | Tuesday, August 12, 2025 | Manish Singh Tak sir |
| 96 | Prayas JEE 2026 | Physics | Physics | Nuclei | Introduction to Nucleus | 1 | Wednesday, August 13, 2025 | Manish Singh Tak sir |
| 97 | Prayas JEE 2026 | Physics | Physics | Nuclei | Radioactive Decay Parallel and Series Decay | 2 | Thursday, August 14, 2025 | Manish Singh Tak sir |
| 98 | Prayas JEE 2026 | Physics | Physics | Nuclei | Radioactive Decay Parallel and Series Decay | 3 | Saturday, August 16, 2025 | Manish Singh Tak sir |
| 99 | Prayas JEE 2026 | Physics | Physics | Thermal Properties of Matter | Therm Expansion | 1 | Monday, August 18, 2025 | Manish Singh Tak sir |
| 100 | Prayas JEE 2026 | Physics | Physics | Thermal Properties of Matter | Calorimetry | 2 | Tuesday, August 19, 2025 | Manish Singh Tak sir |
| 101 | Prayas JEE 2026 | Physics | Physics | Thermal Properties of Matter | Calorimetry | 3 | Wednesday, August 20, 2025 | Manish Singh Tak sir |
| 102 | Prayas JEE 2026 | Physics | Physics | Thermal Properties of Matter | Conduction | 4 | Thursday, August 21, 2025 | Manish Singh Tak sir |
| 103 | Prayas JEE 2026 | Physics | Physics | Thermal Properties of Matter | Conduction | 5 | Friday, August 22, 2025 | Manish Singh Tak sir |
| 104 | Prayas JEE 2026 | Physics | Physics | Thermal Properties of Matter | Conduction | 6 | Saturday, August 23, 2025 | Manish Singh Tak sir |
| 105 | Prayas JEE 2026 | Physics | Physics | Thermal Properties of Matter | Radiation | 7 | Monday, August 25, 2025 | Manish Singh Tak sir |
| 106 | Prayas JEE 2026 | Physics | Physics | Thermal Properties of Matter | Radiation | 8 | Tuesday, August 26, 2025 | Manish Singh Tak sir |
| 107 | Prayas JEE 2026 | Physics | Physics | Kinetic Theory | Gas Laws | 1 | Thursday, August 28, 2025 | Manish Singh Tak sir |
| 108 | Prayas JEE 2026 | Physics | Physics | Kinetic Theory | Relation between Pressure and Kinetic Energy | 2 | Friday, August 29, 2025 | Manish Singh Tak sir |
| 109 | Prayas JEE 2026 | Physics | Physics | Kinetic Theory | Relation between Pressure and Kinetic Energy | 3 | Saturday, August 30, 2025 | Manish Singh Tak sir |
| 110 | Prayas JEE 2026 | Physics | Physics | Thermodynamics | Thermodynamics | 1 | Monday, September 1, 2025 | Manish Singh Tak sir |
| 111 | Prayas JEE 2026 | Physics | Physics | Thermodynamics | Gas Laws | 2 | Tuesday, September 2, 2025 | Manish Singh Tak sir |
| 112 | Prayas JEE 2026 | Physics | Physics | Thermodynamics | Relation between Pressure and Kinetic Energy | 3 | Wednesday, September 3, 2025 | Manish Singh Tak sir |
| 113 | Prayas JEE 2026 | Physics | Physics | Thermodynamics | Relation between Pressure and Kinetic Energy | 4 | Thursday, September 4, 2025 | Manish Singh Tak sir |
| 114 | Prayas JEE 2026 | Physics | Physics | Thermodynamics | Different Processes in Ideal Gas | 5 | Friday, September 5, 2025 | Manish Singh Tak sir |
| 115 | Prayas JEE 2026 | Physics | Physics | Thermodynamics | Thermodynamic System Heat in Thermodynamics Reversible and irreversible Process | 6 | Saturday, September 6, 2025 | Manish Singh Tak sir |
| 116 | Prayas JEE 2026 | Physics | Physics | Thermodynamics | Thermodynamics First Law of Thermodynamics Second Law of Thermodynamics | 7 | Monday, September 8, 2025 | Manish Singh Tak sir |
| 117 | Prayas JEE 2026 | Physics | Physics | Mechanical Properties of Solids | Elasticity Energy (Recorded) | 1 | Monday, September 8, 2025 | Manish Singh Tak sir |

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| 118 | Prayas JEE 2026 | Physics | Physics | Mechanical Properties of Solids | Elasticity Energy (Recorded) | 2 | Tuesday, September 9, 2025 | Manish Singh Tak sir |
| 119 | Prayas JEE 2026 | Physics | Physics | Mechanical Properties of Fluids | Fluid Statics | 1 | Tuesday, September 9, 2025 | Manish Singh Tak sir |
| 120 | Prayas JEE 2026 | Physics | Physics | Mechanical Properties of Fluids | Fluid Statics | 2 | Wednesday, September 10, 2025 | Manish Singh Tak sir |
| 121 | Prayas JEE 2026 | Physics | Physics | Mechanical Properties of Fluids | Fluid Statics | 3 | Thursday, September 11, 2025 | Manish Singh Tak sir |
| 122 | Prayas JEE 2026 | Physics | Physics | Mechanical Properties of Fluids | Fluid Dynamics | 4 | Friday, September 12, 2025 | Manish Singh Tak sir |
| 123 | Prayas JEE 2026 | Physics | Physics | Mechanical Properties of Fluids | Fluid Dynamics | 5 | Saturday, September 13, 2025 | Manish Singh Tak sir |
| 124 | Prayas JEE 2026 | Physics | Physics | Mechanical Properties of Fluids | Surface Tension | 6 | Monday, September 15, 2025 | Manish Singh Tak sir |
| 125 | Prayas JEE 2026 | Physics | Physics | Mechanical Properties of Fluids | Surface Tension | 7 | Tuesday, September 16, 2025 | Manish Singh Tak sir |
| 126 | Prayas JEE 2026 | Physics | Physics | Mechanical Properties of Fluids | Viscosity | 8 | Wednesday, September 17, 2025 | Manish Singh Tak sir |
| 127 | Prayas JEE 2026 | Physics | Physics | Electric Charges and Fields & Potential | Introduction Charge | 1 | Thursday, September 18, 2025 | Manish Singh Tak sir |
| 128 | Prayas JEE 2026 | Physics | Physics | Electric Charges and Fields & Potential | Coulomb's Law | 2 | Friday, September 19, 2025 | Manish Singh Tak sir |
| 129 | Prayas JEE 2026 | Physics | Physics | Electric Charges and Fields & Potential | Electric Field Conductors and Insulators | 3 | Saturday, September 20, 2025 | Manish Singh Tak sir |
| 130 | Prayas JEE 2026 | Physics | Physics | Electric Charges and Fields & Potential | Electric Field of a Continuous Charge Distribution | 4 | Monday, September 22, 2025 | Manish Singh Tak sir |
| 131 | Prayas JEE 2026 | Physics | Physics | Electric Charges and Fields & Potential | Electric Field of a Continuous Charge Distribution | 5 | Tuesday, September 23, 2025 | Manish Singh Tak sir |
| 132 | Prayas JEE 2026 | Physics | Physics | Electric Charges and Fields & Potential | Motion of a Charged Particle in Uniform Electric Field | 6 | Wednesday, September 24, 2025 | Manish Singh Tak sir |
| 133 | Prayas JEE 2026 | Physics | Physics | Electric Charges and Fields & Potential | Motion of a Charged Particle in Uniform Electric Field | 7 | Thursday, September 25, 2025 | Manish Singh Tak sir |
| 134 | Prayas JEE 2026 | Physics | Physics | Electric Charges and Fields & Potential | Electric Flux Gauss Law Application of gauss's law | 8 | Friday, September 26, 2025 | Manish Singh Tak sir |
| 135 | Prayas JEE 2026 | Physics | Physics | Electric Charges and Fields & Potential | Electrostatic Potential/Potential difference Relation between Electric field (E) & Electric potential (ϕ) | 9 | Saturday, September 27, 2025 | Manish Singh Tak sir |
| 136 | Prayas JEE 2026 | Physics | Physics | Electric Charges and Fields & Potential | Equipotential surface | 10 | Monday, September 29, 2025 | Manish Singh Tak sir |
| 137 | Prayas JEE 2026 | Physics | Physics | Electric Charges and Fields & Potential | Electrostatic potential energy Electric potential due to dipole | 11 | Tuesday, September 30, 2025 | Manish Singh Tak sir |
| 138 | Prayas JEE 2026 | Physics | Physics | Electric Charges and Fields & Potential | Electrostatics of Conductor | 12 | Wednesday, October 1, 2025 | Manish Singh Tak sir |
| 139 | Prayas JEE 2026 | Physics | Physics | Electric Charges and Fields & Potential | Conductor & its capacitance | 13 | Friday, October 3, 2025 | Manish Singh Tak sir |
| 140 | Prayas JEE 2026 | Physics | Physics | Electric Charges and Fields & Potential | Charging of a capacitor | 14 | Saturday, October 4, 2025 | Manish Singh Tak sir |
| 141 | Prayas JEE 2026 | Physics | Physics | Electric Charges and Fields & Potential | Combination of capacitors | 15 | Monday, October 6, 2025 | Manish Singh Tak sir |
| 142 | Prayas JEE 2026 | Physics | Physics | Gravitation | Newton's Law of Gravitation | 1 | Tuesday, October 7, 2025 | Manish Singh Tak sir |
| 143 | Prayas JEE 2026 | Physics | Physics | Gravitation | Kepler's Law | 2 | Wednesday, October 8, 2025 | Manish Singh Tak sir |
| 144 | Prayas JEE 2026 | Physics | Physics | Current Electricity | Electric Current | 1 | Thursday, October 9, 2025 | Manish Singh Tak sir |
| 145 | Prayas JEE 2026 | Physics | Physics | Current Electricity | Current in Conductors | 2 | Friday, October 10, 2025 | Manish Singh Tak sir |
| 146 | Prayas JEE 2026 | Physics | Physics | Current Electricity | Kirchhoff's Laws and Combination of Resistances | 3 | Saturday, October 11, 2025 | Manish Singh Tak sir |
| 147 | Prayas JEE 2026 | Physics | Physics | Current Electricity | Wheatstone Bridge and Symmetric Circuits | 4 | Monday, October 13, 2025 | Manish Singh Tak sir |
| 148 | Prayas JEE 2026 | Physics | Physics | Current Electricity | Heating Effect of Current Cells and Combination of Cells | 5 | Tuesday, October 14, 2025 | Manish Singh Tak sir |
| 149 | Prayas JEE 2026 | Physics | Physics | Current Electricity | Electrical Measuring Instruments RC Circuit | 6 | Wednesday, October 15, 2025 | Manish Singh Tak sir |
| 150 | Prayas JEE 2026 | Physics | Physics | Current Electricity | Electrical Measuring Instruments RC Circuit | 7 | Thursday, October 16, 2025 | Manish Singh Tak sir |
| 151 | Prayas JEE 2026 | Physics | Physics | Current Electricity | Electrical Measuring Instruments RC Circuit | 8 | Friday, October 17, 2025 | Manish Singh Tak sir |
| 152 | Prayas JEE 2026 | Physics | Physics | Electrostatic Potential and Capacitance | Variation of different variables when dielectric is inserted between plates of capacitor | 1 | Friday, October 24, 2025 | Manish Singh Tak sir |
| 153 | Prayas JEE 2026 | Physics | Physics | Electrostatic Potential and Capacitance | Variation of different variables when dielectric is inserted between plates of capacitor | 2 | Saturday, October 25, 2025 | Manish Singh Tak sir |

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| 154 | Prayas JEE 2026 | Physics | Physics | Electrostatic Potential and Capacitance | Variation of different variables when dielectric is inserted between plates of capacitor | 3 | Wednesday, October 29, 2025 | Manish Singh Tak sir |
| 155 | Prayas JEE 2026 | Physics | Physics | Electrostatic Potential and Capacitance | Variation of different variables when dielectric is inserted between plates of capacitor | 4 | Thursday, October 30, 2025 | Manish Singh Tak sir |
| 156 | Prayas JEE 2026 | Physics | Physics | Electrostatic Potential and Capacitance | Variation of different variables when dielectric is inserted between plates of capacitor | 5 | Friday, October 31, 2025 | Manish Singh Tak sir |
| 157 | Prayas JEE 2026 | Physics | Physics | Electrostatic Potential and Capacitance | Variation of different variables when dielectric is inserted between plates of capacitor | 6 | Saturday, November 1, 2025 | Manish Singh Tak sir |
| 158 | Prayas JEE 2026 | Physics | Physics | Electrostatic Potential and Capacitance | Variation of different variables when dielectric is inserted between plates of capacitor | 7 | Monday, November 3, 2025 | Manish Singh Tak sir |
| 159 | Prayas JEE 2026 | Physics | Physics | Moving Charges and Magnetism | Oersted's Experiment and Biot-Savart's Law | 1 | Tuesday, November 4, 2025 | Manish Singh Tak sir |
| 160 | Prayas JEE 2026 | Physics | Physics | Moving Charges and Magnetism | B-field due to a current carrying Ring and Problems on combination of Ring and Rod | 2 | Wednesday, November 5, 2025 | Manish Singh Tak sir |
| 161 | Prayas JEE 2026 | Physics | Physics | Moving Charges and Magnetism | Ampere's Law and Its applications | 3 | Thursday, November 6, 2025 | Manish Singh Tak sir |
| 162 | Prayas JEE 2026 | Physics | Physics | Moving Charges and Magnetism | Force on a moving charge in a Magnetic Field | 4 | Friday, November 7, 2025 | Manish Singh Tak sir |
| 163 | Prayas JEE 2026 | Physics | Physics | Moving Charges and Magnetism | Lorentz force Motion of a charged particle in the presence of both Electric and magnetic field | 5 | Saturday, November 8, 2025 | Manish Singh Tak sir |
| 164 | Prayas JEE 2026 | Physics | Physics | Moving Charges and Magnetism | Magnetic force on a Current Carrying Conductor | 6 | Monday, November 10, 2025 | Manish Singh Tak sir |
| 165 | Prayas JEE 2026 | Physics | Physics | Moving Charges and Magnetism | Gyromagnetic Ratio, Torque on a Current carrying Loop | 7 | Tuesday, November 11, 2025 | Manish Singh Tak sir |
| 166 | Prayas JEE 2026 | Physics | Physics | Moving Charges and Magnetism | Magnetic Dipole | 8 | Wednesday, November 12, 2025 | Manish Singh Tak sir |
| 167 | Prayas JEE 2026 | Physics | Physics | Moving Charges and Magnetism | Magnetic Dipole | 9 | Thursday, November 13, 2025 | Manish Singh Tak sir |
| 168 | Prayas JEE 2026 | Physics | Physics | Moving Charges and Magnetism | Magnetic Dipole | 10 | Friday, November 14, 2025 | Manish Singh Tak sir |
| 169 | Prayas JEE 2026 | Physics | Physics | Moving Charges and Magnetism | Magnetic Dipole | 11 | Saturday, November 15, 2025 | Manish Singh Tak sir |
| 170 | Prayas JEE 2026 | Physics | Physics | Magnetism and Matter | Bar Magnet and its Properties Oscillation Magnetometer" Classification of Magnetic Materials Ferromagnetism and Hysteresis" | 1 | Monday, November 17, 2025 | Manish Singh Tak sir |
| 171 | Prayas JEE 2026 | Physics | Physics | Magnetism and Matter | Bar Magnet and its Properties Oscillation Magnetometer" Classification of Magnetic Materials Ferromagnetism and Hysteresis" | 2 | Tuesday, November 18, 2025 | Manish Singh Tak sir |
| 172 | Prayas JEE 2026 | Physics | Physics | Electromagnetic Induction | Magnetic Flux and Lenz's Law | 1 | Wednesday, November 19, 2025 | Manish Singh Tak sir |
| 173 | Prayas JEE 2026 | Physics | Physics | Electromagnetic Induction | Faraday's Law | 2 | Thursday, November 20, 2025 | Manish Singh Tak sir |
| 174 | Prayas JEE 2026 | Physics | Physics | Electromagnetic Induction | Calculation of Induced EMF | 3 | Friday, November 21, 2025 | Manish Singh Tak sir |
| 175 | Prayas JEE 2026 | Physics | Physics | Electromagnetic Induction | Self Inductance | 4 | Saturday, November 22, 2025 | Manish Singh Tak sir |
| 176 | Prayas JEE 2026 | Physics | Physics | Electromagnetic Induction | Mutual Inductance | 5 | Monday, November 24, 2025 | Manish Singh Tak sir |
| 177 | Prayas JEE 2026 | Physics | Physics | Electromagnetic Induction | Inductor in Electrical Circuits Induced Electric Field | 6 | Tuesday, November 25, 2025 | Manish Singh Tak sir |
| 178 | Prayas JEE 2026 | Physics | Physics | Electromagnetic Induction | Inductor in Electrical Circuits Induced Electric Field | 7 | Wednesday, November 26, 2025 | Manish Singh Tak sir |
| 179 | Prayas JEE 2026 | Physics | Physics | Electromagnetic Induction | Inductor in Electrical Circuits Induced Electric Field | 8 | Thursday, November 27, 2025 | Manish Singh Tak sir |
| 180 | Prayas JEE 2026 | Physics | Physics | Alternating Current | Introduction to Alternating Current | 1 | Friday, November 28, 2025 | Manish Singh Tak sir |
| 181 | Prayas JEE 2026 | Physics | Physics | Alternating Current | Average and RMS Values | 2 | Saturday, November 29, 2025 | Manish Singh Tak sir |
| 182 | Prayas JEE 2026 | Physics | Physics | Alternating Current | Types of AC Circuits, Power & Power Factor | 3 | Monday, December 1, 2025 | Manish Singh Tak sir |
| 183 | Prayas JEE 2026 | Physics | Physics | Waves | Travelling Waves | 1 | Tuesday, December 2, 2025 | Manish Singh Tak sir |
| 184 | Prayas JEE 2026 | Physics | Physics | Waves | Wave function | 2 | Wednesday, December 3, 2025 | Manish Singh Tak sir |

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| 185 | Prayas JEE 2026 | Physics | Physics | Waves | Superposition and interference | 3 | Thursday, December 4, 2025 | Manish Singh Tak sir |
| 186 | Prayas JEE 2026 | Physics | Physics | Waves | Superposition & Reflection | 4 | Friday, December 5, 2025 | Manish Singh Tak sir |
| 187 | Prayas JEE 2026 | Physics | Physics | Waves | Standing Waves | 5 | Saturday, December 6, 2025 | Manish Singh Tak sir |
| 188 | Prayas JEE 2026 | Physics | Physics | Waves | Doppler Effect | 6 | Monday, December 8, 2025 | Manish Singh Tak sir |
| 189 | Prayas JEE 2026 | Physics | Physics | Waves | Huygens' Wave Theory | 7 | Tuesday, December 9, 2025 | Manish Singh Tak sir |
| 190 | Prayas JEE 2026 | Physics | Physics | Electromagnetic Waves | Characteristics of Electromagnetic Waves | 1 | Wednesday, December 10, 2025 | Manish Singh Tak sir |
| 191 | Prayas JEE 2026 | Physics | Physics | Electromagnetic Waves | Characteristics of Electromagnetic Waves | 2 | Thursday, December 11, 2025 | Manish Singh Tak sir |
| 192 | Prayas JEE 2026 | Physics | Physics | Electromagnetic Waves | Characteristics of Electromagnetic Waves | 3 | Friday, December 12, 2025 | Manish Singh Tak sir |
| 193 | Prayas JEE 2026 | Physics | Physics | Wave Optics | Huygens' Wave Theory | 1 | Saturday, December 13, 2025 | Manish Singh Tak sir |
| 194 | Prayas JEE 2026 | Physics | Physics | Wave Optics | Interference of light YDSE & Fringe Visibility | 2 | Monday, December 15, 2025 | Manish Singh Tak sir |
| 195 | Prayas JEE 2026 | Physics | Physics | Wave Optics | Bichromatic light interference and Optical Path Length Fresnel Biprism and Thin film interference | 3 | Tuesday, December 16, 2025 | Manish Singh Tak sir |
| 196 | Prayas JEE 2026 | Physics | Physics | Wave Optics | Diffraction and Power of Resolution Polarization of Light and Brewster's Law | 4 | Wednesday, December 17, 2025 | Manish Singh Tak sir |
| 197 | Prayas JEE 2026 | Physics | Physics | Wave Optics | Scattering and Doppler Effect of Light | 5 | Thursday, December 18, 2025 | Manish Singh Tak sir |
| 198 | Prayas JEE 2026 | Physics | Physics | Wave Optics | Scattering and Doppler Effect of Light | 6 | Friday, December 19, 2025 | Manish Singh Tak sir |
| 199 | Prayas JEE 2026 | Physics | Physics | Semiconductor Electronics: Materials, Devices and Simple Circuits | Introduction to Semiconductors Intrinsic and Extrinsic Semiconductor | 1 | Saturday, December 20, 2025 | Manish Singh Tak sir |
| 200 | Prayas JEE 2026 | Physics | Physics | Semiconductor Electronics: Materials, Devices and Simple Circuits | PN Junction Diode | 2 | Monday, December 22, 2025 | Manish Singh Tak sir |
| 201 | Prayas JEE 2026 | Physics | Physics | Semiconductor Electronics: Materials, Devices and Simple Circuits | Application of P-N Junction Diode Application of transistor and logic gate | 3 | Tuesday, December 23, 2025 | Manish Singh Tak sir |
| 202 | Prayas JEE 2026 | Physics | Physics | Units and Measurements | Dimensions | 1 | Wednesday, December 24, 2025 | Manish Singh Tak sir |
| 203 | Prayas JEE 2026 | Physics | Physics | Units and Measurements | Error, significant figures | 2 | Friday, December 26, 2025 | Manish Singh Tak sir |



Prayas JEE 2026 Lecture Planner - Physical Chemistry

| S. No. | Batch Name | Subject | Sub- Subject | Chapter Name | Topic | Lecture Number | Date | Faculty Name |
|--------|-----------------|-----------|--------------------|----------------------------------|---|----------------|---------------------------|------------------|
| 1 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Some Basic Concepts of Chemistry | Nature of Matter, Classification of Matter, Properties of Matter and their Measurement, International System of Units (S.I) | 1 | Monday, April 21, 2025 | Faisal Razaq Sir |
| 2 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Some Basic Concepts of Chemistry | Uncertainty in Measurement Laws of Chemical Combinations | 2 | Tuesday, April 22, 2025 | Faisal Razaq Sir |
| 3 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Some Basic Concepts of Chemistry | Dalton's Atomic Theory, Atomic Mass, Atomic Mass Unit, | 3 | Wednesday, April 23, 2025 | Faisal Razaq Sir |
| 4 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Some Basic Concepts of Chemistry | Gram Atomic Mass, Average Atomic Mass | 4 | Thursday, April 24, 2025 | Faisal Razaq Sir |
| 5 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Some Basic Concepts of Chemistry | Molecular Mass, Gram Molecular Mass | 5 | Friday, April 25, 2025 | Faisal Razaq Sir |
| 6 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Some Basic Concepts of Chemistry | Average Molecular Mass Formula Mass | 6 | Saturday, April 26, 2025 | Faisal Razaq Sir |
| 7 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Some Basic Concepts of Chemistry | Percentage Composition, Empirical and Molecular formula | 7 | Monday, April 28, 2025 | Faisal Razaq Sir |
| 8 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Some Basic Concepts of Chemistry | Mole, Vapour density, Atomicity | 8 | Tuesday, April 29, 2025 | Faisal Razaq Sir |
| 9 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Some Basic Concepts of Chemistry | Mole Concept | 9 | Wednesday, April 30, 2025 | Faisal Razaq Sir |
| 10 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Some Basic Concepts of Chemistry | Concentration Terms & Application | 10 | Friday, May 2, 2025 | Faisal Razaq Sir |
| 11 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Some Basic Concepts of Chemistry | Concentration Terms & Application | 11 | Saturday, May 3, 2025 | Faisal Razaq Sir |
| 12 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Some Basic Concepts of Chemistry | Stoichiometry and Stoichiometric Calculations Gravimetric Analysis | 12 | Monday, May 5, 2025 | Faisal Razaq Sir |
| 13 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Some Basic Concepts of Chemistry | Sequential Reaction, POAC, Oleum Labelling Equivalent Weight | 13 | Tuesday, May 6, 2025 | Faisal Razaq Sir |
| 14 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Redox Reaction | Introduction of Redox Reaction | 1 | Wednesday, May 7, 2025 | Faisal Razaq Sir |
| 15 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Redox Reaction | Balancing of Redox Reaction Types of Redox Reaction Concept of n-Factor or Valency Factor | 2 | Thursday, May 8, 2025 | Faisal Razaq Sir |
| 16 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Redox Reaction | Law of Equivalence Redox Titration | 3 | Friday, May 9, 2025 | Faisal Razaq Sir |
| 17 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Redox Reaction | Iodometric and Iodimetric Titration, Redox Reactions in Electrode process | 4 | Saturday, May 10, 2025 | Faisal Razaq Sir |
| 18 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Redox Reaction | Iodometric and Iodimetric Titration, Redox Reactions in Electrode process | 5 | Monday, May 12, 2025 | Faisal Razaq Sir |
| 19 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Solutions | Binary Solution Concentration Terms | 1 | Tuesday, May 13, 2025 | Faisal Razaq Sir |
| 20 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Solutions | Solubility Vapour Pressure Vapour Pressure of Liquid Solutions | 2 | Wednesday, May 14, 2025 | Faisal Razaq Sir |
| 21 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Solutions | Vapour Pressure Vapour Pressure of Liquid Solutions Determination of Vapour Pressure of a Liquid Vapour Pressure of Liquid Solutions | 3 | Thursday, May 15, 2025 | Faisal Razaq Sir |
| 22 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Solutions | Ideal and Non-ideal Solutions Colligative Properties | 4 | Friday, May 16, 2025 | Faisal Razaq Sir |
| 23 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Solutions | Osmosis Osmotic Pressure | 5 | Saturday, May 17, 2025 | Faisal Razaq Sir |
| 24 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Solutions | Abnormal Molar Masses | 6 | Monday, May 19, 2025 | Faisal Razaq Sir |
| 25 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Solutions | Van't Hoff Factor and Abnormality in Molar Mass | 7 | Tuesday, May 20, 2025 | Faisal Razaq Sir |

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| 26 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Solutions | Abnormal Molar Masses Van't Hoff Factor and Abnormality in Molar Mass | 8 | Wednesday, May 21, 2025 | Faisal Razaq Sir |
| 27 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Chemical Kinetics | Introduction Rate of Reaction Rate Law Expression Rate constant Factors Affecting the Reaction Rate Order and molecularity of Reaction Negative Order of the Reaction Approximation | 1 | Thursday, May 22, 2025 | Faisal Razaq Sir |
| 28 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Chemical Kinetics | Integrated Rate Equations Numericals on Some Important First Order Reactions Integrated Rate Equations | 2 | Friday, May 23, 2025 | Faisal Razaq Sir |
| 29 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Chemical Kinetics | Pseudo First Order Reaction Experimental Determination of Order of Reaction Experimental Determination of Order of Reaction Collision Theory of Chemical Reactions | 3 | Saturday, May 24, 2025 | Faisal Razaq Sir |
| 30 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Chemical Kinetics | Concept of Activation Energy and Transition State Theory Activation Energy Activated Complex Theory | 4 | Monday, May 26, 2025 | Faisal Razaq Sir |
| 31 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Chemical Kinetics | Effect of Temperature on the reaction rate Temperature Dependence of the Rate of a Reaction Temperature Dependence of the Rate of a Reaction Potential Energy Curves Ratio of Two Rate Constant at Two Different Temperatures | 5 | Tuesday, May 27, 2025 | Faisal Razaq Sir |
| 32 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Chemical Kinetics | Parallel Decay Parallel Reactions Sequential Decay Kinetics of Consecutive/Sequence/Series Reactions Reversible Reaction | 6 | Wednesday, May 28, 2025 | Faisal Razaq Sir |
| 33 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Chemical Kinetics | Effect of Catalyst on the Reaction rate Enzyme Catalysis Nucleo Chemistry Radioactive and Nuclear Reactions Applications of Radioactivity | 7 | Thursday, May 29, 2025 | Faisal Razaq Sir |
| 34 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Thermodynamics | Introduction, Basic terms, Classification of system on the basis of nature, State of system | 1 | Friday, May 30, 2025 | Faisal Razaq Sir |
| 35 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Thermodynamics | Types of properties, TYPES OF THERMODYNAMIC PROCESSES ON BASIS OF THE WAY THE PROCESSES ARE CARRIED OUT Work, heat and internal energy, 1st Law of Thermodynamics Enthalpy | 2 | Saturday, May 31, 2025 | Faisal Razaq Sir |
| 36 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Thermodynamics | Heat Capacity | 3 | Monday, June 2, 2025 | Faisal Razaq Sir |
| 37 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Thermodynamics | CALCULATION OF Q, W, ΔU & ΔH IN VARIOUS PROCESS | 4 | Tuesday, June 3, 2025 | Faisal Razaq Sir |
| 38 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Thermodynamics | Thermochemistry Enthalpy of a substance Standard state of substance Enthalpy of reaction Factor affecting heat of reaction LAWS OF THERMO CHEMISTRY | 5 | Wednesday, June 4, 2025 | Faisal Razaq Sir |
| 39 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Thermodynamics | Enthalpy change for different type of reaction ENTHALPY OF IONIZATION OF WEAK ELECTROLYTE" ENTHALPY OF TRANSITION ENTHALPY OF FORMATION OF IONS Kirchoff's Law | 6 | Thursday, June 5, 2025 | Faisal Razaq Sir |
| 40 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Thermodynamics | Calorimetry Limitation of 1st law of thermodynamics Spontaneous process Entropy Second law of Thermodynamics ENTROPY CHANGE OF AN IDEAL GAS | 7 | Saturday, June 7, 2025 | Faisal Razaq Sir |

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| 41 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Thermodynamics | Entropy Change of Solids and liquids Upon Heating Entropy Calculation for solid or liquid systems | 8 | Monday, June 9, 2025 | Faisal Razaq Sir |
| 42 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Thermodynamics | Standard absolute molar entropy Comparing absolute entropies of substance Entropy Change (ΔS) of a Chemical Reaction GIBB'S FREE ENERGY | 9 | Tuesday, June 10, 2025 | Faisal Razaq Sir |
| 43 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Chemical Equilibrium | Introduction, Characteristics of chemical equilibrium Law of mass action | 1 | Wednesday, June 11, 2025 | Faisal Razaq Sir |
| 44 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Chemical Equilibrium | Variation of equilibrium constant with the change of stoichiometric coefficients, Multiple | 2 | Thursday, June 12, 2025 | Faisal Razaq Sir |
| 45 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Chemical Equilibrium | Equilibrium Reaction Quotient Equilibrium Constant of Various equilibrium, | 3 | Friday, June 13, 2025 | Faisal Razaq Sir |
| 46 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Chemical Equilibrium | Calculation of degree of dissociation from vapour density measurement Le chatelier's principle Effect of temperature on equilibrium constant | 4 | Saturday, June 14, 2025 | Faisal Razaq Sir |
| 47 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Chemical Equilibrium | Free energy and chemical equilibrium Physical Equilibrium | 5 | Monday, June 16, 2025 | Faisal Razaq Sir |
| 48 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Ionic Equilibrium | Type of electrolytes, Different theory for acid and base, The autoionization of water | 1 | Tuesday, June 17, 2025 | Faisal Razaq Sir |
| 49 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Ionic Equilibrium | The pH-Scale Ionisation of weak electrolyte | 2 | Wednesday, June 18, 2025 | Faisal Razaq Sir |
| 50 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Ionic Equilibrium | Common ion effect and levelling effect | 3 | Thursday, June 19, 2025 | Faisal Razaq Sir |
| 51 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Ionic Equilibrium | pH-Calculation Buffer Solution | 4 | Friday, June 20, 2025 | Faisal Razaq Sir |
| 52 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Ionic Equilibrium | Salt hydrolysis Indicator | 5 | Saturday, June 21, 2025 | Faisal Razaq Sir |
| 53 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Ionic Equilibrium | Common Ion Effect Solubility and Solubility product | 6 | Monday, June 23, 2025 | Faisal Razaq Sir |
| 54 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Electrochemistry | Introduction Electrochemical Cell Galvanic Cells Liquid Junction Potential or Diffusion Potential | 1 | Tuesday, June 24, 2025 | Faisal Razaq Sir |
| 55 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Electrochemistry | Electrochemical Cell electrodes and Electrode potential Electrochemical Cell Electrochemical Series | 2 | Wednesday, June 25, 2025 | Faisal Razaq Sir |
| 56 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Electrochemistry | Nernst Equation Equilibrium Constant and emf Gibbs Energy of the reaction Application of Nernst equation Various types of half cells Thermodynamics of Galvanic cell Concentration Cell | 3 | Thursday, June 26, 2025 | Faisal Razaq Sir |
| 57 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Electrochemistry | Electrolytes Electrolytic cell Quantitative Aspects of Electrolysis and Faraday's Laws Metallic/Electrolytic Conductors Determination of Cell Constant | 4 | Friday, June 27, 2025 | Faisal Razaq Sir |
| 58 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Electrochemistry | Measurement of Conductance and Conductivity of Ionic Solutions Molar Conductivity Equivalent Conductivity | 5 | Saturday, June 28, 2025 | Faisal Razaq Sir |
| 59 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Electrochemistry | Relation Between Molar Conductivity and Equivalent Conductivity Variation of Conductivity and Molar Conductivity with Concentration Kohlrausch's Law | 6 | Monday, June 30, 2025 | Faisal Razaq Sir |

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| 60 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Electrochemistry | Absolute Ionic Mobilities and their Calculation Conductometric Titrations Commercial Cells or Batteries Fuel Cells Hydrogen Economy Corrosion of Metals | 7 | Tuesday, July 1, 2025 | Faisal Razaq Sir |
| 61 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Structure of Atom | Introduction | 1 | Wednesday, July 2, 2025 | Faisal Razaq Sir |
| 62 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Structure of Atom | Fundamental Particles, Discovery of Fundamental Particles | 2 | Thursday, July 3, 2025 | Faisal Razaq Sir |
| 63 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Structure of Atom | Atomic Models | 3 | Friday, July 4, 2025 | Faisal Razaq Sir |
| 64 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Structure of Atom | Some Important Atomic Terms, Nature of Light and Electromagnetic Spectrum, Particle Nature of Electromagnetic Radiation: Planck's Quantum, Application of Planck's Quantum Theory | 4 | Saturday, July 5, 2025 | Faisal Razaq Sir |
| 65 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Structure of Atom | Bohr's Model for Hydrogen Atom | 5 | Monday, July 7, 2025 | Faisal Razaq Sir |
| 66 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Structure of Atom | Ionization Energy of Hydrogen and Hydrogen-Like Particles | 6 | Tuesday, July 8, 2025 | Faisal Razaq Sir |
| 67 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Structure of Atom | Spectrum: Evidence for the Quantized Electronic Energy Levels | 7 | Wednesday, July 9, 2025 | Faisal Razaq Sir |
| 68 | Prayas JEE 2026 | Chemistry | Physical Chemistry | Structure of Atom | Spectrum: Evidence for the Quantized Electronic Energy Levels Quantum Mechanical Model of the Atom Quantum Number Rules for Filling of electrons in Orbitals in Atom, Exchange and Pairing energy | 8 | Thursday, July 10, 2025 | Faisal Razaq Sir |
| 69 | Prayas JEE 2026 | Chemistry | Physical Chemistry | State of matter (Recorded) | Introduction, Intermolecular Forces The Gaseous State The Gas Laws The Gas Laws, Ideal Gas Equation Dalton's Law of Partial Pressures Graham's Law of Diffusion/effusion Kinetic Molecular Theory of Gases Kinetic Gas Equation Explanation of Gas Law of Kinetic Theory Kinetic Energy and Molecular Speeds Maxwell-Boltzmann Distribution of Molecular Speeds, Collision Theory Collision frequency Mean Free Path Behaviour of Real Gases : Deviation from Ideal Gas Behaviour Equation of State for Real Gases (Van der Waal's Equation) Liquefaction of Gases Joule - Thomson Effect Inversion Temperature Liquid State Vapour Pressure Boiling and Boiling point Viscosity Surface Tension | 1 | Saturday, December 20, 2025 | Faisal Razaq Sir |

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| 70 | Prayas JEE 2026 | Chemistry | Physical Chemistry | The Solid State (Recorded) | Introduction Difference between Crystalline and amorphous solids Classification of crystalline solids Types of symmetry in crystals Some basic terms in crystalline solids Cubic unit cell(Bravais lattice) Mathematical analysis of cubic system Close packing of identical solid spheres Voids or interstitial voids Tetrahedral and Octahedral voids in close packed structure (FCC main) Radius ratio rule (For ionic solids) Structure of Ionic Compounds Effect of temperature and pressure on the crystal structure Defects or imperfections in Solids Properties of Solids:Electrical properties Super conducting materials | 1 | Monday, December 22, 2025 | Faisal Razaq Sir |
| 71 | Prayas JEE 2026 | Chemistry | Physical Chemistry | SURFACE CHEMISTRY (Recorded) | Introduction Adsorption Adsorption Isotherm Application of adsorption Catalysis Collidal State Type of Colloids Prepaion of Colloidal Solution Gels Emulsion Application of Colloids | 1 | Tuesday, December 23, 2025 | Faisal Razaq Sir |

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Prayas JEE 2026 Lecture Planner - Inorganic Chemistry

| S. No. | Batch Name | Subject | Sub-Subject | Chapter Name | Topic | Lecture Number | Date | Faculty Name |
|--------|-----------------|-----------|---------------------|--|---|----------------|---------------------------|--------------------|
| 1 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Classification of Elements and Periodicity in Properties | Need for Classification of Elements, Historical Development of Classification of Elements, Magic Numbers | 1 | Friday, July 11, 2025 | Amitabh Sharma Sir |
| 2 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Classification of Elements and Periodicity in Properties | Modern Periodic Law and Present Form of the Periodic Table, Merits of Long Form of Periodic Table Over Mendeleev's Periodic Table | 2 | Saturday, July 12, 2025 | Amitabh Sharma Sir |
| 3 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Classification of Elements and Periodicity in Properties | Electronic Configuration of Elements and The Periodic Table Division of Elements into s, p, d and f Blocks, and Their Characteristics | 3 | Monday, July 14, 2025 | Amitabh Sharma Sir |
| 4 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Classification of Elements and Periodicity in Properties | Division of Elements into s, p, d and f Blocks, and Their Characteristics | 4 | Tuesday, July 15, 2025 | Amitabh Sharma Sir |
| 5 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Classification of Elements and Periodicity in Properties | Classification of Elements as Metals, Non-Metals and Metalloids Anomalous Properties of Second Period Elements | 5 | Wednesday, July 16, 2025 | Amitabh Sharma Sir |
| 6 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Classification of Elements and Periodicity in Properties | Diagonal Relationship Bridge Elements Typical Elements Nomenclature of Elements With Atomic Number > 100 | 6 | Thursday, July 17, 2025 | Amitabh Sharma Sir |
| 7 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Classification of Elements and Periodicity in Properties | Periodic Properties, Screening Effect, Effective Nuclear Charge | 7 | Friday, July 18, 2025 | Amitabh Sharma Sir |
| 8 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Classification of Elements and Periodicity in Properties | Periodic Trends in Physical Properties, Periodic Properties | 8 | Saturday, July 19, 2025 | Amitabh Sharma Sir |
| 9 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Classification of Elements and Periodicity in Properties | Scales of Electronegativity, Factors affecting the magnitude of electronegativity Periodicity in Electronegativity | 9 | Monday, July 21, 2025 | Amitabh Sharma Sir |
| 10 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Classification of Elements and Periodicity in Properties | Application of Electronegativity, Hydration Energy, Lattice Energy Melting and Boiling Points | 10 | Tuesday, July 22, 2025 | Amitabh Sharma Sir |
| 11 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Chemical Bonding and Molecular Structure | Introduction, Ionic or Electrovalent Bond, Lattice Energy | 1 | Wednesday, July 23, 2025 | Amitabh Sharma Sir |
| 12 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Chemical Bonding and Molecular Structure | Kssel - Lewis Approach to Chemical Bonding | 2 | Thursday, July 24, 2025 | Amitabh Sharma Sir |
| 13 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Chemical Bonding and Molecular Structure | Kssel - Lewis Approach to Chemical Bonding | 3 | Friday, July 25, 2025 | Amitabh Sharma Sir |
| 14 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Chemical Bonding and Molecular Structure | Resonating Structure, Resonance Energy, Valence Shell Electron Pair Repulsion (VSEPR) Theory | 4 | Saturday, July 26, 2025 | Amitabh Sharma Sir |
| 15 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Chemical Bonding and Molecular Structure | Valence Bond Theory (VBT) | 5 | Monday, July 28, 2025 | Amitabh Sharma Sir |
| 16 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Chemical Bonding and Molecular Structure | Valence Bond Theory (VBT) VSEPR Theory | 6 | Tuesday, July 29, 2025 | Amitabh Sharma Sir |
| 17 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Chemical Bonding and Molecular Structure | Hybridisation | 7 | Wednesday, July 30, 2025 | Amitabh Sharma Sir |
| 18 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Chemical Bonding and Molecular Structure | Determination of Number of [p(pi) - p(pi)] Bonds Dipole Moment | 8 | Thursday, July 31, 2025 | Amitabh Sharma Sir |
| 19 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Chemical Bonding and Molecular Structure | Polarisability and Fajan's Rule Polarity of Covalent Bonds | 9 | Friday, August 1, 2025 | Amitabh Sharma Sir |
| 20 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Chemical Bonding and Molecular Structure | Linear Combination of Atomic Orbitals (LCAO) | 10 | Saturday, August 2, 2025 | Amitabh Sharma Sir |
| 21 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Chemical Bonding and Molecular Structure | Molecular Orbital Theory (MOT) | 11 | Monday, August 4, 2025 | Amitabh Sharma Sir |
| 22 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Chemical Bonding and Molecular Structure | Shapes of the Molecular Orbitals | 12 | Tuesday, August 5, 2025 | Amitabh Sharma Sir |
| 23 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Chemical Bonding and Molecular Structure | Bond Enthalpy or Bond Dissociation Enthalpy Bond Parameters | 13 | Wednesday, August 6, 2025 | Amitabh Sharma Sir |
| 24 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Chemical Bonding and Molecular Structure | Hydrogen Bonds, Inter Molecular Forces | 14 | Thursday, August 7, 2025 | Amitabh Sharma Sir |
| 25 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Chemical Bonding and Molecular Structure | Back Bonding, Bridge bonding | 15 | Saturday, August 9, 2025 | Amitabh Sharma Sir |

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| 26 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Coordination Compounds | Shape 1. Double salt 2. Co-ordination or Complex Compounds | 1 | Wednesday, November 12, 2025 | Amitabh Sharma Sir |
| 27 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Coordination Compounds | I. Perfect Complex II. Imperfect complex | 2 | Thursday, November 13, 2025 | Amitabh Sharma Sir |
| 28 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Coordination Compounds | Various terms used in co-ordination compound | 3 | Friday, November 14, 2025 | Amitabh Sharma Sir |
| 29 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Coordination Compounds | Classification of ligand | 4 | Saturday, November 15, 2025 | Amitabh Sharma Sir |
| 30 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Coordination Compounds | Classification of ligand | 5 | Monday, November 17, 2025 | Amitabh Sharma Sir |
| 31 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Coordination Compounds | Werner theory | 6 | Tuesday, November 18, 2025 | Amitabh Sharma Sir |
| 32 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Coordination Compounds | Effective atomic number | 7 | Wednesday, November 19, 2025 | Amitabh Sharma Sir |
| 33 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Coordination Compounds | Nomenclature of co-ordination compound Valence bond theory | 8 | Thursday, November 20, 2025 | Amitabh Sharma Sir |
| 34 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Coordination Compounds | Valence bond theory | 9 | Friday, November 21, 2025 | Amitabh Sharma Sir |
| 35 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Coordination Compounds | Crystal field theory | 10 | Saturday, November 22, 2025 | Amitabh Sharma Sir |
| 36 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Coordination Compounds | Stability of complexes | 11 | Monday, November 24, 2025 | Amitabh Sharma Sir |
| 37 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Coordination Compounds | Isomerism in co-ordination compounds | 12 | Tuesday, November 25, 2025 | Amitabh Sharma Sir |
| 38 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Coordination Compounds | Organometallic compounds | 13 | Wednesday, November 26, 2025 | Amitabh Sharma Sir |
| 39 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Coordination Compounds | Application of Co-ordination compounds | 14 | Thursday, November 27, 2025 | Amitabh Sharma Sir |
| 40 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Coordination Compounds | Application of Co-ordination compounds | 15 | Friday, November 28, 2025 | Amitabh Sharma Sir |
| 41 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Principles of Qualitative Analysis:Salt analysis | Introduction | 1 | Saturday, November 29, 2025 | Amitabh Sharma Sir |
| 42 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Principles of Qualitative Analysis:Salt analysis | ANALYSIS OF ANIONS (ACID RADICALS) | 2 | Monday, December 1, 2025 | Amitabh Sharma Sir |
| 43 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Principles of Qualitative Analysis:Salt analysis | INDIVIDUAL TEST OF ANIONS CLASS A RADICALS:GROUP 1 | 3 | Tuesday, December 2, 2025 | Amitabh Sharma Sir |
| 44 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Principles of Qualitative Analysis:Salt analysis | Group I involves anions which evolve gases on reaction with dil. HCl/dil. H ₂ SO ₄ | 4 | Wednesday, December 3, 2025 | Amitabh Sharma Sir |
| 45 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Principles of Qualitative Analysis:Salt analysis | Group II involves anions which evolve gases on reaction with dil. H ₂ O ₂ /dil. H ₂ O ₂ + | 5 | Thursday, December 4, 2025 | Amitabh Sharma Sir |
| 46 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Principles of Qualitative Analysis:Salt analysis | CLASS B RADICALS: GROUP II RADICALS ELECTIVE WITH FURTHER SOLUTIN | 6 | Friday, December 5, 2025 | Amitabh Sharma Sir |
| 47 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Principles of Qualitative Analysis:Salt analysis | ANALYSIS OF CATIONS (BASIC RADICALS) Separation of Cations | 7 | Saturday, December 6, 2025 | Amitabh Sharma Sir |
| 48 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Principles of Qualitative Analysis:Salt analysis | Identification of Basic Radical | 8 | Monday, December 8, 2025 | Amitabh Sharma Sir |
| 49 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Principles of Qualitative Analysis:Salt analysis | Some Important Concept | 9 | Tuesday, December 9, 2025 | Amitabh Sharma Sir |
| 50 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Principles of Qualitative Analysis:Salt analysis | Some Important Concept | 10 | Wednesday, December 10, 2025 | Amitabh Sharma Sir |
| 51 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | P-block Elements | Group 13 elements Physical Properties Chemical Properties Important trends and anomalous properties of boron Some important compounds of boron Uses of boron and aluminium and their compounds Group 14 elements Physical Properties of Group 14 | 1 | Thursday, December 11, 2025 | Amitabh Sharma Sir |
| 52 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | P-block Elements | Chemical Properties Important trends and anomalous behaviour of carbon Allotropes of carbon Uses of Carbon Some important compounds of carbon and silicon | 2 | Friday, December 12, 2025 | Amitabh Sharma Sir |
| 53 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | P-block Elements | GROUP 15 ELEMENTS : THE NITROGEN FAMILY OCCURENCE Oxidation States and Their Stability Anomalous Properties of Nitrogen CHEMICAL PROPERTIES DINITROGEN COMPOUNDS OF NITROGEN | 3 | Saturday, December 13, 2025 | Amitabh Sharma Sir |

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| 54 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | P-block Elements | <p>Oxoacids Of Nitrogen Allotropes Of Phosphorus COMPOUNDS OF PHOSPHORUS Halides Of Phosphorus Oxoacids Of Phosphorus GROUP 16 ELEMENTS: THE OXYGEN FAMILY Chemical Properties DIOXYGEN (O₂) OXIDES OZONE SULPHUR (S) COMPOUNDS OF SULPHUR OXIDES OF SULPHUR GROUP 17 ELEMENTS: THE HALOGEN FAMILY Anomalous Behaviour of Fluorine CHLORINE (Cl) 2) HYDROGEN CHLORIDE PSEUDO HALOGENS AND PSEUDO HALIDES Inter Halogen Compounds OXY-ACIDS OF HALOGENS GROUP 18 ELEMENTS: (THE ZERO GROUP FAMILY) Group 18 Elements COMPOUNDS OF XENON</p> | 4 | Monday, December 15, 2025 | Amitabh Sharma Sir |
| 55 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | The d and f-Block Elements | <p>Introduction Position in the Periodic Table Electronic Configuration of the d-Block Elements Electronic Configuration of the d-Block Elements Physical Properties General Properties of Transition Elements (d-Block) Some Usefull Compounds of Transition Elements The Lanthanides</p> | 1 | Tuesday, December 16, 2025 | Amitabh Sharma Sir |
| 56 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | GENERAL PRINCIPLES AND PROCESSES OF ISOLATION OF METALS (Recorded) | <p>Introduction The first step involved in metallurgy Alloys and cast alloys Different types of refractory materials Useful compounds of metals Uses of Metal</p> | 1 | Wednesday, December 17, 2025 | Amitabh Sharma Sir |
| 57 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | Hydrogen and its Compound (Recorded) | <p>Position of Hydrogen in the Periodic Table Dihydrogen Isotopes of Hydrogen Preparation of Dihydrogen, H₂ Physical properties of Dihydrogen Chemical properties of Dihydrogen Uses of Dihydrogen Hydrides Water Permanent Hardness</p> | 1 | Thursday, December 18, 2025 | Amitabh Sharma Sir |
| 58 | Prayas JEE 2026 | Chemistry | Inorganic Chemistry | S-block Element (Recorded) | <p>Group 1 Elements Physical Properties of Group 1 Elements Chemical Properties of Group 1 Elements Uses of Group 1 elements General characteristics of the compounds of the alkali metals Anomalous properties of lithium Some important compounds of sodium Biological importance of sodium and potassium Group 2 elements Physical properties of group 2 elements Chemical properties of group 2 elements Uses General characteristics of compounds of the alkaline earth metals Anomalous behaviour of beryllium Cement Biological importance of magnesium and calcium</p> | 1 | Friday, December 19, 2025 | Amitabh Sharma Sir |

| Prayas JEE 2026 Lecture Planner - Organic Chemistry | | | | | | | | |
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| S. No. | Batch Name | Subject | Sub- Subject | Chapter Name | Topic | Lecture Number | Date | Faculty Name |
| 1 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques:IUPAC Nomenclature | Structural Representation of organic compound | 1 | Monday, August 11, 2025 | Rohit Agarwal Sir |
| 2 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques:IUPAC Nomenclature | Some important definition | 2 | Tuesday, August 12, 2025 | Rohit Agarwal Sir |
| 3 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques:IUPAC Nomenclature | IUPAC System of Nomenclature | 3 | Wednesday, August 13, 2025 | Rohit Agarwal Sir |
| 4 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques:IUPAC Nomenclature | IUPAC System of Nomenclature | 4 | Thursday, August 14, 2025 | Rohit Agarwal Sir |
| 5 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques:IUPAC Nomenclature | IUPAC System of Nomenclature | 5 | Saturday, August 16, 2025 | Rohit Agarwal Sir |
| 6 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques:IUPAC Nomenclature | Nomenclature of hydrocarbon | 6 | Monday, August 18, 2025 | Rohit Agarwal Sir |
| 7 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques:IUPAC Nomenclature | Nomenclature of organic compound without carbon containing group | 7 | Tuesday, August 19, 2025 | Rohit Agarwal Sir |
| 8 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques:IUPAC Nomenclature | Nomenclature of organic compound which contain polyfunctional group | 8 | Wednesday, August 20, 2025 | Rohit Agarwal Sir |
| 9 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques:IUPAC Nomenclature | Nomenclature of some other compound | 9 | Thursday, August 21, 2025 | Rohit Agarwal Sir |
| 10 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: General Organic Chemistry | Bond fission Reaction intermediate | 1 | Friday, August 22, 2025 | Rohit Agarwal Sir |
| 11 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: General Organic Chemistry | Reaction Reagents | 2 | Saturday, August 23, 2025 | Rohit Agarwal Sir |
| 12 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: General Organic Chemistry | Electronic displacement in organic compound | 3 | Monday, August 25, 2025 | Rohit Agarwal Sir |
| 13 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: General Organic Chemistry | Inductive effect | 4 | Tuesday, August 26, 2025 | Rohit Agarwal Sir |
| 14 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: General Organic Chemistry | Resonance effect | 5 | Thursday, August 28, 2025 | Rohit Agarwal Sir |
| 15 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: General Organic Chemistry | Mesomeric effect | 6 | Friday, August 29, 2025 | Rohit Agarwal Sir |
| 16 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: General Organic Chemistry | Steric inhibition Resonance (SIR) effect | 7 | Saturday, August 30, 2025 | Rohit Agarwal Sir |
| 17 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: General Organic Chemistry | Hyper conjugation effect | 8 | Monday, September 1, 2025 | Rohit Agarwal Sir |
| 18 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: General Organic Chemistry | Electromeric effect | 9 | Tuesday, September 2, 2025 | Rohit Agarwal Sir |
| 19 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: General Organic Chemistry | TYPES OF ORGANIC REACTIONS | 10 | Wednesday, September 3, 2025 | Rohit Agarwal Sir |
| 20 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: General Organic Chemistry | Aromaticity | 11 | Thursday, September 4, 2025 | Rohit Agarwal Sir |
| 21 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: General Organic Chemistry | BASIC STRENGTH OF ORGANIC BASES ACIDIC STRENGTH OF ORGANIC ACIDS | 12 | Friday, September 5, 2025 | Rohit Agarwal Sir |
| 22 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: Isomerism | Isomerism | 1 | Saturday, September 6, 2025 | Rohit Agarwal Sir |
| 23 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: Isomerism | Conformational isomerism | 2 | Monday, September 8, 2025 | Rohit Agarwal Sir |
| 24 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: Isomerism | Conformational isomerism | 3 | Tuesday, September 9, 2025 | Rohit Agarwal Sir |
| 25 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: Isomerism | Configurational isomerism and its types | 4 | Wednesday, September 10, 2025 | Rohit Agarwal Sir |
| 26 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: Isomerism | Geometrical isomerism | 5 | Thursday, September 11, 2025 | Rohit Agarwal Sir |
| 27 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: Isomerism | Properties of geometrical isomers | 6 | Friday, September 12, 2025 | Rohit Agarwal Sir |
| 28 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: Isomerism | Properties of geometrical isomers | 7 | Saturday, September 13, 2025 | Rohit Agarwal Sir |
| 29 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: Isomerism | Nomenclature of geometrical isomer | 8 | Monday, September 15, 2025 | Rohit Agarwal Sir |
| 30 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: Isomerism | Nomenclature of geometrical isomer | 9 | Tuesday, September 16, 2025 | Rohit Agarwal Sir |
| 31 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: Isomerism | Optical isomerism | 10 | Wednesday, September 17, 2025 | Rohit Agarwal Sir |
| 32 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: Isomerism | Optical isomerism | 11 | Thursday, September 18, 2025 | Rohit Agarwal Sir |
| 33 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: Isomerism | Optical isomerism | 12 | Friday, September 19, 2025 | Rohit Agarwal Sir |

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| 34 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: Isomerism | Optical isomerism | 13 | Saturday, September 20, 2025 | Rohit Agarwal Sir |
| 35 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Some Basic Principles and Techniques: Isomerism | Optical isomerism | 14 | Monday, September 22, 2025 | Rohit Agarwal Sir |
| 36 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Hydrocarbon | Introduction,Alkane Preparation of alkane Physical properties of alkane | 1 | Tuesday, September 23, 2025 | Rohit Agarwal Sir |
| 37 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Hydrocarbon | Chemical properties of alkane Uses of Alkane | 2 | Wednesday, September 24, 2025 | Rohit Agarwal Sir |
| 38 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Hydrocarbon | Preparation of alkene Properties of alkene Physical properties of alkene | 3 | Thursday, September 25, 2025 | Rohit Agarwal Sir |
| 39 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Hydrocarbon | Chemical properties of alkene Uses of alkene Test of unsaturation of alkene | 4 | Friday, September 26, 2025 | Rohit Agarwal Sir |
| 40 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Hydrocarbon | Preparation of alkyne,Physical properties of alkyne Chemical properties of alkyne Uses of alkyne | 5 | Saturday, September 27, 2025 | Rohit Agarwal Sir |
| 41 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Hydrocarbon | Uses of alkyne Difference between internal and terminal alkyne Aromatic hydrocarbon | 6 | Monday, September 29, 2025 | Rohit Agarwal Sir |
| 42 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Hydrocarbon | Benzene,Preparation of benzene Physical properties of benzene | 7 | Tuesday, September 30, 2025 | Rohit Agarwal Sir |
| 43 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Hydrocarbon | Chemical properties of benzene Uses of benzene | 8 | Wednesday, October 1, 2025 | Rohit Agarwal Sir |
| 44 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Hydrocarbon | Electrophilic substitution of a mono-substituted benzene | 9 | Friday, October 3, 2025 | Rohit Agarwal Sir |
| 45 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Hydrocarbon | Preparation of Toluene,Physical properties of toluene | 10 | Saturday, October 4, 2025 | Rohit Agarwal Sir |
| 46 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Hydrocarbon | Chemical properties of toluene | 11 | Monday, October 6, 2025 | Rohit Agarwal Sir |
| 47 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Hydrocarbon | Uses of toluene | 12 | Tuesday, October 7, 2025 | Rohit Agarwal Sir |
| 48 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Haloalkanes and Haloarenes | Substitution and Elimination | 1 | Wednesday, October 8, 2025 | Rohit Agarwal Sir |
| 49 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Haloalkanes and Haloarenes | Substitution and Elimination | 2 | Thursday, October 9, 2025 | Rohit Agarwal Sir |
| 50 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Haloalkanes and Haloarenes | Substitution and Elimination | 3 | Friday, October 10, 2025 | Rohit Agarwal Sir |
| 51 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Haloalkanes and Haloarenes | Substitution and Elimination | 4 | Saturday, October 11, 2025 | Rohit Agarwal Sir |
| 52 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Haloalkanes and Haloarenes | Substitution and Elimination | 5 | Monday, October 13, 2025 | Rohit Agarwal Sir |
| 53 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Haloalkanes and Haloarenes | Substitution and Elimination | 6 | Tuesday, October 14, 2025 | Rohit Agarwal Sir |
| 54 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Haloalkanes and Haloarenes | Substitution and Elimination | 7 | Wednesday, October 15, 2025 | Rohit Agarwal Sir |
| 55 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Haloalkanes and Haloarenes | Substitution and Elimination | 8 | Thursday, October 16, 2025 | Rohit Agarwal Sir |
| 56 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Alcohols, Phenols and Ethers | Reduction | 1 | Friday, October 17, 2025 | Rohit Agarwal Sir |
| 57 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Alcohols, Phenols and Ethers | Reduction | 2 | Friday, October 24, 2025 | Rohit Agarwal Sir |
| 58 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Alcohols, Phenols and Ethers | Oxidation | 3 | Saturday, October 25, 2025 | Rohit Agarwal Sir |
| 59 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Alcohols, Phenols and Ethers | POC | 4 | Wednesday, October 29, 2025 | Rohit Agarwal Sir |
| 60 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Alcohols, Phenols and Ethers | Carbene and Nitrene | 5 | Thursday, October 30, 2025 | Rohit Agarwal Sir |
| 61 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Alcohols, Phenols and Ethers | Carbene and Nitrene | 6 | Friday, October 31, 2025 | Rohit Agarwal Sir |
| 62 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Aldehydes, Ketones and Carboxylic Acids | Introduction Structure of Carbonyl group Nomenclature methods of preparation of aldehydes and ketones | 1 | Saturday, November 1, 2025 | Rohit Agarwal Sir |
| 63 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Aldehydes, Ketones and Carboxylic Acids | methods of preparation of aldehydes and ketones methods of preparation of aldehydes Only Physical Properties of aldehydes and ketones Chemical Reactions of Aldehydes and Ketones Nucleophilic Addition Reaction | 2 | Monday, November 3, 2025 | Rohit Agarwal Sir |

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| 64 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Aldehydes, Ketones and Carboxylic Acids | ALDOL CONDENSATION Perkin Reaction Knoevenagel Condensation Reformatsky Reaction Cannizzaro Reaction Tischenko Reaction Benzil-benzilic Acid Rearrangement Benzoin Condensation Wittig reaction Reduction Reactions | 3 | Tuesday, November 4, 2025 | Rohit Agarwal Sir |
| 65 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Aldehydes, Ketones and Carboxylic Acids | MISCELLANEOUS REACTIONS Analysis of Aldehydes and Ketones TESTS OF DISTINGUISH B/W ALDEHYDE & KETONE Other miscellaneous reactions USES OF ALDEHYDES AND KETONES Carboxylic acids Naming of Amides and Imides | 4 | Wednesday, November 5, 2025 | Rohit Agarwal Sir |
| 66 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Aldehydes, Ketones and Carboxylic Acids | Chemical Reactions of carboxylic acid Reaction involving replacement of -OH group Decarboxylation reactions HVZ Reaction (Halogenation of aliphatic acids and Substituted acids) | 5 | Thursday, November 6, 2025 | Rohit Agarwal Sir |
| 67 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Aldehydes, Ketones and Carboxylic Acids | General Methods Of Preparation Carboxylic acids General Reactions OF Carboxylic acids Carboxylic Acid Derivatives Acid Chlorides Amides Ester Acid anhydrides | 6 | Friday, November 7, 2025 | Rohit Agarwal Sir |
| 68 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Amines | Physical Properties and POC | 1 | Saturday, November 8, 2025 | Rohit Agarwal Sir |
| 69 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Biomolecules | Introduction Carbohydrates Monosachharides GLUCOSE EPIMERS Fructose Comparison between Glucose and Fructose Kilian's test Disaccharides Sorbitol (Carb. Sugar) Maltose (Milk Sugar) Lactose (Milk Sugar) Polysaccharides Carbohydrates | 1 | Monday, November 10, 2025 | Rohit Agarwal Sir |
| 70 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Biomolecules | Proteins & Aminoacid Structure of Proteins Denaturation of Proteins VITAMINS Some important vitamins, their sources and the deficiency diseases NUCLEIC ACIDS Tests of Protein Test of Carbohydrates Uses of Proteins | 2 | Tuesday, November 11, 2025 | Rohit Agarwal Sir |
| 71 | Prayas JEE 2026 | Chemistry | Organic Chemistry | POLYMERS (Recorded) | Introduction Classification of Polymers PREPARATION OF Some Important Addition Polymers Types of Polymerisation Reactions Some Important Condensation Polymers Copolymerisation Preparation Of Synthetic Rubber Molecular Mass Of Polymer Biodegradable Polymer Polymer of Commercial Importance | 1 | Wednesday, December 24, 2025 | Rohit Agarwal Sir |

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| 72 | Prayas JEE 2026 | Chemistry | Organic Chemistry | CHEMISTRY IN EVERYDAY LIFE (Recorded) | Introduction Drugs and their Classification Drug-Target Interaction Therapeutic Action of Different Classes of Drugs Chemicals in Food | 1 | Friday, December 26, 2025 | Rohit Agarwal Sir |
| 73 | Prayas JEE 2026 | Chemistry | Organic Chemistry | Environmental Chemistry (Recorded) | Introduction ENVIRONMENTAL POLLUTION ATMOSPHERIC POLLUTION Tropospheric Pollution Acid rain Particulate Pollutants Smog Stratospheric Pollution Water pollution International Standards for Drinking Water Soil pollution Industrial waste Strategies to control environmental pollution Green chemistry Green Chemistry in day-to-day Life | 1 | Saturday, December 27, 2025 | Rohit Agarwal Sir |

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