

| 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 Disaccharide Sorbitol (Car 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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