



Prayas JEE 2026 Lecture Planner - Organic Chemistry

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 of 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

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 Chemical properties of toluene	10	Saturday, October 4, 2025	Rohit Agarwal Sir
46	Prayas JEE 2026	Chemistry	Organic Chemistry	Hydrocarbon	Uses of toluene	11	Monday, October 6, 2025	Rohit Agarwal Sir
47	Prayas JEE 2026	Chemistry	Organic Chemistry	Hydrocarbon	Substitution and Elimination	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

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 Kiliani-Fischer Synthesis-Chain Elongation Disaccharides Sucrose (Cane Sugar) Maltose (Malt 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 Introduction Classification of Polymers Types of Polymerisation Reactions 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	2	Tuesday, November 11, 2025	Rohit Agarwal Sir
71	Prayas JEE 2026	Chemistry	Organic Chemistry	POLYMERS (Recorded)	Introduction Classification of Polymers Types of Polymerisation Reactions 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

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