

JEE Advance Chemistry

Year 11 + 12

(2 Year Program)

A. Course Structure Class 11

Unit Name	Teaching Hours* (Live Online Classes)	
Unit 1: Some Basic Concepts of Chemistry	06	96 Hours
Unit 2: Structure of Atom	08	
Unit 3: Classification of Elements, Periodicity in Properties	06	
Unit 4: Chemical Bonding and Molecular Structure	08	
Unit 5: States of Matter: Gases and Liquids	08	
Unit 6: Chemical Thermodynamics	09	
Unit 7: Equilibrium	08	
Unit 8: Redox Reactions	05	
Unit 9: Hydrogen	06	
Unit 10: s-Block Elements	07	
Unit 11: Some p-Block Elements	08	
Unit 12: Organic Chemistry: Basic Principles, Techniques	08	
Unit 13: Hydrocarbons	06	
Unit 14: Environment Chemistry	03	
Online Practice Test Questions	3000+	24 Hours
Practice Homework Questions, HOTS, Exemplar Questions	600+	
Online Practice Tests	14	14 Hours

* 5 or 6 classes per week classes until JEE exams 2022 (normal circumstances, except holidays or unforeseen circumstances). Number of classes per week may vary or increase depending upon the availability of days. Full syllabus will be completed one week prior to the JEE exams of 2022.

B. Course Structure Class 12

Unit Name	Teaching Hours* (Live Online Classes)	
Unit 1: Solid State	07	96 Hours
Unit 2: Solution	07	
Unit 3: Electrochemistry	08	
Unit 4: Chemical Kinetics	07	
Unit 5: Surface Chemistry	06	
Unit 6: General Principles, Processes of Isolation of Elements	06	
Unit 7: p-Block Elements	07	
Unit 8: d and f Block Elements	07	
Unit 9: Coordination Compounds	07	
Unit 10: Haloalkanes and Haloarenes	06	
Unit 11: Alcohols, Phenol and Ethers	06	
Unit 12: Aldehydes, Ketones & Carboxylic Acids	06	
Unit 13: Amines	04	
Unit 14: Biomolecules	05	
Unit 15: Polymers	04	
Unit 16: Chemistry in Everyday Life	03	
Online Practice Test Questions	3000+	24 Hours
Practice Homework Questions, HOTS, Exemplar Questions	600+	
Online Practice Tests	14	14 Hours

* 5 or 6 classes per week classes until JEE exams 2022 (normal circumstances, except holidays or unforeseen circumstances). Number of classes per week may vary or increase depending upon the availability of days. Full syllabus will be completed one week prior to the JEE exams of 2022.



Newton Classes Online

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