



Crack NEET Chemistry with the right plan

Understanding trends, focusing on key chapters, and regular revision are key to better performance

- 1. Focus on high-weightage chapters:** Prioritise topics like Chemical Bonding, Equilibrium, and Coordination Compounds.
- 2. Strengthen fundamentals first:** Build a strong base before moving to advanced topics.
- 3. Practice consistently:** Solve previous years' papers and take regular tests.
- 4. Revise regularly:** Especially for Inorganic and memory-based chapters.
- 5. Maintain subject balance:** Allocate time wisely across all sections of Chemistry.

DILIP GANGARAMANI

For students preparing for the NEET UG 2026, Chemistry often feels like a subject that sits between extremes. It is generally more manageable than Physics but not as straightforward as Biology. For some aspirants, it becomes a reliable scoring area, while for others, it presents a mix of challenges—numerical problem-solving in Physical Chemistry, conceptual understanding in Organic Chemistry, and memory-based learning in Inorganic Chemistry.

This makes it essential for

students to adopt a clear and structured strategy. One of the most effective ways to do this is by understanding the chapter-wise weightage of Chemistry based on previous years' papers.

This approach does not mean ignoring any topic but helps aspirants prioritise their time and effort more effectively.

Why chapter-wise weightage matters

A close analysis of past NEET papers reveals that certain chapters consistently carry higher weightage. Topics such as Chemical Bonding, Equilibrium, Hy-

drocarbons, Coordination Compounds, and Aldehydes and Ketones are frequently asked and often contribute significantly to the total marks.

Focusing on these high-weightage chapters offers several advantages.

It allows students to allocate more time to topics that are more likely to appear in the exam. It also builds familiarity and confidence, as repeated practice increases accuracy and speed. At the same time, revising low-weightage chapters ensures that students do not lose out on easy marks from straightforward questions.

Understanding Class 11 Chemistry Trends

The Class 11 portion forms the foundation of Chemistry preparation. Many of these topics are concept-heavy and require a clear understanding before moving on to advanced chapters.

High-weightage chapters in Class 11 include Chemical Bonding and Molecular Structure, Equilibrium, Hydrocarbons, and Organic Chemistry basics. These topics are crucial not only because of their weightage but also because they form the base for several Class 12 chapters.

Medium-weightage chapters such as Structure of Atom, Thermodynamics, and Some Basic Concepts of Chemistry also play an important role. These chapters introduce key principles that are frequently applied in problem-solving.

On the other hand, topics like Classification of Elements and Periodicity in Properties are relatively lower in weightage but still require revision, as they can contribute to easy scoring opportunities.

Class 12 Chemistry: Higher weightage, higher impact

The Class 12 syllabus generally carries slightly higher

overall weightage in NEET. Many chapters in this section are scoring if prepared well.

Among the high-weightage topics are Electrochemistry, Coordination Compounds, and the d- and f-block elements. These chapters are known for repeated questions and relatively predictable patterns.

Medium-weightage chapters include Chemical Kinetics and Alcohols, Phenols, and Ethers. These require a mix of conceptual understanding and memorisation.

Lower-weightage topics such as Amines and Biomolecules are often more theory-based and can be covered through regular revision. While they may contribute fewer questions, they are important for securing complete marks.

Building a step-by-step preparation plan

An effective Chemistry preparation strategy begins with strengthening the basics. Students should start with chapters like Structure of Atom and Basic Concepts to build clarity. Once the fundamentals are clear, they can move on to more complex topics such as Thermodynamics, Equilibrium, and Chemical Bonding.

Organic Chemistry should be approached in a logical



sequence—beginning with general principles and reaction mechanisms, followed by specific chapters like Hydrocarbons and functional groups. Understanding reaction patterns is more important than rote memorisation.

Inorganic Chemistry, on the other hand, requires consistent revision.

Short notes, flashcards, and regular recall practice can help retain important facts and reactions.

Solving previous years' question papers is a crucial part of preparation. It helps students understand the exam pattern, identify im-

portant topics, and improve time management. Chapter-wise practice is particularly useful for strengthening weaker areas.

Balancing chemistry with other subjects

NEET preparation requires a balance between all three subjects. Biology often carries the highest weightage, while Physics demands strong analytical skills. Chemistry acts as a bridge between the two, offering scoring opportunities if prepared strategically. Students should aim to maintain a balance between Physi-

cal, Organic, and Inorganic Chemistry, ensuring that no section is neglected. A well-rounded approach can significantly improve overall performance.

Chemistry can play a decisive role in determining your NEET rank. With a clear understanding of chapter-wise weightage, a structured study plan, and consistent practice, aspirants can turn it into a high-scoring subject. Rather than studying everything with equal intensity, focusing on the right topics at the right time can make preparation more efficient and result-oriented.

VIT Chennai Celebrates University Day



The Vellore Institute of Technology (VIT), Chennai, celebrated its University Day recently with great enthusiasm. Binod Kumar, Managing Director and Chief Executive Officer of Indian Bank, graced the occasion as the Chief Guest, while Vaibhav Chaurasia attended as the Guest of Honour. The event was presided over by G. Viswanathan, Founder and Chancellor of VIT, in the presence of G. V. Selvam, Vice-President of VIT.

In his address, Binod Kumar encouraged students to prepare for a rapidly evolving world, emphasizing the importance of continuous effort and adaptability. He highlighted the need for innovation with

a focus on enhancing end-user experience. Stressing a customer-centric approach, he remarked that simplifying people's lives should be a guiding principle, as it helps individuals strive for excellence.

He further underlined the significance of both knowledge and character, stating that while knowledge shapes one's path, it is personal character that ultimately defines success.

Major Vaibhav Chaurasia inspiring students to draw inspiration from their surroundings and focus on positive influences. He urged them to remain resilient and maintain self-belief, reminding them to persevere through challenges and continue work-

ing hard with integrity.

In his presidential address, G. Viswanathan highlighted the transformative power of education, noting that it uplifts individuals, families, and society at large. He stressed that the vision of a developed nation can be achieved through universal access to quality education and knowledge-driven economic growth.

This concluded with the distribution of medals and certificates to meritorious students in recognition of their academic and overall excellence. Senior officials, including Prof. T. Thyagarajan, Prof. K. Sathiyarayanan, and Prof. P. K. Manoharan, were also present at the event.

Industry-integrated undergraduate programmes designed to combine academic learning with practical training. The B.Tech in Applied Life Sciences includes initial classroom study followed by hands-on experience. The B.Sc in Cardiovascular Sciences, both courses focus on skill development, industry exposure, and employability, with structured internships forming a key component of the learning process

HYDERABAD

Young India Skills University (YISU) has launched a set of industry-integrated undergraduate programmes along with a digital learning platform, marking a shift towards skill-based and experiential education.

The launch event was held on Wednesday at the International Institute of Information Technology Hyderabad campus in Gachibowli, in the presence of academic and

Young India Skills University launches industry-linked courses, digital learning platform



industry representatives. The initiative aims to bridge the gap between classroom education and industry requirements by embedding practical training within degree programmes.

According to university officials, the newly introduced B.Tech programme in Applied Life Sciences has been developed in collaboration with companies such as Dr. Reddy's Laboratories, Het-

ero, and Bharat Biotech. The structure of the programme includes classroom learning in the initial phase, followed by extended hands-on training within partner organisations and internships in the final year.

The university has also introduced a B.Sc programme in Cardiovascular Sciences in collaboration with AIG Hospitals. The course is designed to provide students

with practical exposure in a clinical environment under the guidance of medical professionals.

Vice Chancellor V.L.V.S.S. Subba Rao stated that the programmes have been designed with a strong focus on employability and real-world application. He noted that industry collaboration has been a key factor in shaping the curriculum, ensuring students gain relevant skills

alongside academic knowledge.

Alongside the academic programmes, the university launched a Digital Learning Universe in partnership with Tutorials Point. The platform is designed to offer flexible, self-paced learning through AI-supported content across multiple domains, including technology, artificial intelligence, and professional skills.

The digital platform is expected to initially offer around 75 courses, catering to learners seeking to upgrade skills or explore new areas of study outside traditional degree structures.

University officials said the move reflects a broader shift away from conventional textbook-based education towards practical, skill-driven learning models.

The programmes are also expected to create new opportunities for students, particularly those seeking industry exposure during their academic journey. Admissions for the newly launched courses are currently open, with selection based on an entrance test and interview process.

Survey finds Gen Z aspirants shifting focus to global, skill-based careers

A majority of Gen Z students in India aspiring for careers in finance are moving away from traditional degree-focused pathways and increasingly prioritising global opportunities and skill-based learning, according to a recent survey by Zell Education.

The report reveals that over 70% of students are actively targeting international career prospects, including roles with global firms, remote work opportunities, and career pathways enabled through internationally recognised certifications. This trend reflects a significant

shift in student mindset, with greater focus on global exposure, higher earning potential, and faster career growth.

One of the key findings of the survey is the growing preference for practical, application-oriented learning. Students are placing more importance on acquiring job-ready skills and real-world experience rather than relying solely on academic degrees. The emphasis is increasingly on employability and industry relevance.

Pratham Barot, CEO and Co-founder of Zell Education, noted that students today are more informed

and outcome-driven in their decisions. He highlighted that career choices are now guided by long-term prospects and skill development rather than just formal qualifications.

The survey also points to a rising demand for globally recognised certifications such as ACCA, CFA, and CPA. These qualifications are increasingly seen as essential for building international careers and aligning with global industry standards.

In terms of career preferences, students continue to show strong interest in fields such as investment banking,

private equity, consulting, and financial analytics—areas known for high growth and dynamic work environments.

However, the report also highlights challenges faced by aspirants, including limited awareness about career pathways, access to industry-relevant training, and the need to balance academic commitments with skill development.

1. Global outlook: Over 70% of students aim for international or globally connected careers.
2. Skill-first approach: Practical learning and employ-

ability skills are gaining priority over degrees.

3. Rising certifications: ACCA, CFA, and CPA are becoming central to career planning.

4. Awareness gaps: Students still face challenges in accessing the right guidance and training.

The findings underline a broader transformation in how Gen Z approaches education and careers, with a clear shift towards global mobility, skill-driven learning, and outcome-focused decision-making in an increasingly competitive job market.

