



# AIIMS

## AIIMS Syllabus 2024



AIIMS Syllabus 2024 adheres to the 12th-grade standard as per the 10+2 Scheme/Intermediate Science curriculum. AIIMS Syllabus 2024 encompasses subjects such as Chemistry, Physics, Biology, and General Knowledge/Aptitude. AIIMS conducts a national-level entrance exam annually for individuals aspiring to pursue medical courses. The All-India Institute of Medical Sciences (AIIMS), based in New Delhi, is responsible for organizing the AIIMS entrance exam. Successful candidates gain admission to AIIMS institutions located in New Delhi, Bhopal, Jodhpur, Rishikesh, Bhubaneswar, Patna, and Raipur. For a detailed overview of the AIIMS Syllabus 2024, refer below.

## AIIMS Syllabus 2024 Overview

AIIMS Syllabus 2024 distinguishes itself as a leading medical college entrance examination orchestrated by the prestigious All India Institute of Medical Sciences. This annual event is crafted to streamline admissions into MBBS programs across 15 AIIMS colleges throughout the country.

Eligibility for the exam extends to candidates who have successfully completed their Intermediate education from a recognized board, with a focus on Physics, Chemistry, and Biology as their core subjects.

### AIIMS Syllabus 2024 Overview

Particulars	Details
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Name of the exam	AIIMS
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Exam Conducting Body	All India Institute of Medical Science, Delhi
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Exam Frequency	Annual
Exam Mode	Offline (Pen and Paper based)
Medium of the exam	13 languages namely Hindi, English, Urdu, Telugu, Gujarati, Marathi, Kannada, Malayalam, Tamil, Punjabi, Odia, Bengali, Assamese,
Total Questions	200
Total Sections	<ul style="list-style-type: none"><li>• Physics</li><li>• Chemistry</li><li>• Botany</li><li>• Zoology</li></ul>
Total Questions	200
Type of Questions	Multiple Choice Questions
Marking Scheme	<ul style="list-style-type: none"><li>• Correct: +4 marks</li><li>• Incorrect: -1 marks</li></ul>
Total Marks	720
Exam Duration	200 minutes

## AIIMS Syllabus 2024

Start your preparation with NCERT books, as the AIIMS Syllabus 2024 is built upon the content covered in both the 11th and 12th grades. This article will provide a comprehensive overview of the official AIIMS Syllabus 2024 once it is released.

AIIMS Syllabus 2024 includes topics from each subject that will be featured in the examination, all derived from the 11th and 12th-grade curriculum. It covers Physics, Chemistry, and Biology subjects and is set by the Medical Council of India (MCI) for NEET 2024.



## AIIMS Syllabus 2024 Biology

### Class XI

Diversity in Living World,  
Three Domains of Life,  
Cell Structure and Function,  
Cell Theory,  
Plant Cell & Animal Cell,  
Transport in Plants,  
Photosynthesis,  
Human physiology,  
Tissues, Morphology  
& Modifications,  
Plant Physiology, etc

### Class XII

- Reproduction,
- Reproduction in Organisms,
- Biology and Human Welfare,
- Genetics and Evolution,
- Heredity & Variations,
- Biology and Human Welfare,
- Biotechnology and Its Applications,
- Principle & Process of Biotechnology,
- Biodiversity and its Conservation and much more

## AIIMS Syllabus 2024 Chemistry

### Class XI

- States of Matter: Gases and Liquids,
- Redox Reactions,
- Some Basic Concepts of Chemistry,
- Laws of Chemical Combination,
- Structure of Atom,
- Atomic Number,
- Isotopes & Isobars,
- Thermodynamics,
- Classification of Elements and Periodicity in Properties,
- Chemical Bonding and Molecular Structure,
- Electronegativity,
- Equilibrium,
- Equilibrium in Physical & Chemical Process,
- Ionic Bond,
- Covalent Bond,
- Hydrogen,

### Class XII

- Organic Compounds Containing Nitrogen,
- Solid State,
- Band Theory of Metals,
- Solutions,
- Elevation of Boiling Point,
- Electro Chemistry,
- Chemical Kinetics,
- Surface Chemistry,
- Electrochemistry,
- p-Block Elements,
- d and f Block Elements,
- Haloalkanes and Haloarenes,
- Alcohols,
- Physical & Chemical Properties of Primary Alcohol,
- Phenols and Ethers,
- Biomolecules,
- Aldehydes,
- Ketones and Carboxylic Acids,
- General Principles and Processes of Isolation of Elements, mines,
- Cyanide & Isocyanide,



- Physical & Chemical Properties of Water, s-Block Element (Alkali and Alkaline earth metals),
  - Organic Chemistry-Some Basic Principles and Techniques,
  - Some p-Block Elements,
  - Hydrocarbons,
  - Environmental Chemistry.
- Coordination Compounds,
  - Polymers,
  - Chemistry in Everyday Life,
  - Cleansing Agents – Soaps & Detergents.

**AIIMS Syllabus 2024 Physics****Class XI**

- Physical world and measurement, Notion of Potential Energy,
- Nature of Physical Laws,
- Kinematics,
- Speed,
- Velocity,
- Work,
- Thermodynamics,
- Oscillations and Waves,
- Energy and Power,
- Behaviour of Perfect Gas and Kinetic Theory,
- Properties of Bulk Matter,
- Bulk Modulus,
- Critical Velocity,
- The Universal Law of Gravitation,
- Heat,
- Work & Internal Energy,
- Laws of Motion, Static & Kinetic Friction,
- Motion of System of Particles and Rigid Body,
- Gravitation,
- Kepler's law of Planetary Motion.

**Class XII**

- Current Electricity,
- Electrostatics,
- Electric Charges & their Conservation,
- Electric Dipole,
- Magnetic Effects of Current and Magnetism,
- Electromagnetic Induction and Alternating Currents,
- AC Generator & Transformer,
- Permanent Magnets,
- Electromagnetic Spectrum,
- Dual Nature of Matter and Radiation,
- Carbon Resistors,
- Kirchhoff's Laws & Simple Applications,
- Optics,
- Electromagnetic Waves,
- Optical Instruments,
- Concept of Magnetic Field,
- Wave Optics,
- Atoms and Nuclei,
- Electronic Devices,
- Conductors.

## AIIMS Syllabus 2024 and Exam Pattern

**AIIMS 2024 Exam Pattern** encompasses details such as the number and types of questions, marking scheme, and more. The NEET test will be administered in offline mode (Pen-paper test) with a duration of 3 hours. The examination paper will comprise 200 objective-type questions, including Multiple Choice and Reason-Assertion types.



Candidates have the flexibility to choose from a variety of languages (English, Hindi, Gujarati, Bengali, Tamil, Odia, Assamese, Telugu, Kannada, Marathi, and Urdu) for the test. Each correct answer carries a reward of 4 marks, while 1 mark will be deducted for every incorrect answer.

### AIIMS Exam Pattern 2024

Subjects	Number of Questions	Marks
Physics	35	140
	15	40
Chemistry	35	140
	15	40
Botany	35	140
	15	40
Zoology	35	140
	15	40
<b>Total</b>		<b>720 marks</b>

## AIIMS Syllabus 2024 Preparation Tips

Aspirants should consider these essential preparation tips:

- Make yourself familiar with the complete exam pattern and syllabus.
- Establish a well-structured timetable and adhere to it consistently.
- Engage in solving previous year's question papers, mock tests, and unsolved papers.
- Strengthen your fundamentals and incorporate daily practice into your routine.
- opt for the finest study materials for effective preparation.



- Prioritize nutritious meals over fast food for improved health and overall fitness.

## AIIMS Nursing 2024 Exam Pattern Highlights

AIIMS offers three nursing courses under its hood. All three courses follow different exam patterns. Exam patterns for various BSc programmes at AIIMS are mentioned as under:

For AIIMS Nursing BSc (Hons) 2024	
Exam duration	120 minutes (2 Hours)
Mode of exam	Computer-based test (Online)
Type of questions	Multiple-choice questions (MCQs)
Sections	Physics (30 marks) Chemistry (30 marks) Biology (30 marks) General knowledge (10 marks)
Negative marking	Yes (-1/3)
Total marks	100
For BSc (Paramedical)	
Exam duration	90 minutes (one and a half hours)
Mode of exam	Computer-based test
Type of questions	Multiple-choice questions (MCQs)



Sections	Physics Chemistry Biology or Mathematics
Negative marking	Yes (-1/3)
Number of questions	Each section has 30 questions

## Explore colleges based on AIIMS Nursing



## AIIMS Nursing BSc Exam Pattern

AIIMS BSc nursing 2024 exam pattern follows a two-stage selection process. The two stages are:

- **Stage 1:** Written examination
- **Stage 2:** Personal Interview/Assessment





Stage 1: Written Exam for AIIMS Nursing BSc (Post basic)	
Exam duration	90 minutes (one and a half hours)
Mode of exam	Computer-based test
Type of questions	Multiple-choice questions (MCQs)
Sections	Fundamentals of Nursing, Medical-Surgical Nursing including Anatomy, Physiology & Pharmacology, Obstetrics Nursing and Midwifery, Pediatric Nursing, Community Health Nursing, Psychiatric Nursing and Professional Trends in Nursing.
Negative marking	Yes (-1/3)

### Stage 2: Personal Interview/Assessment Scheme

AIIMS will call candidates who will be able to make it to the merit list based on the written exam for the personal interview/assessment round. The second stage will have a weightage of 30 marks. The final merit list will decide the fate of the candidate based on their performance in both stages. Almost three times more candidates will be invited for the interview than the actual number of available seats. The assessment process will count the following criteria:

- Past academic record in the Higher Secondary or class 12 or equivalent examination
- Past academic record in the Nursing examination
- Performance as a Staff Nurse

## AIIMS BSc Nursing 2024 Eligibility

AIIMS, New Delhi, examination section has defined particular eligibility criteria for AIIMS BSc Nursing 2024 to pursue the BSc programme. AIIMS Nursing 2024 eligibility criteria for various programmes at the undergraduate level are mentioned below:

### AIIMS BSc (Hons) Nursing 2024 Eligibility

- Candidates should have cleared class 12 exams or an equivalent exam from a recognized board with Physics, Chemistry, Biology, and English subjects.



- Candidates of the general category should have secured a minimum of 55 per cent marks in aggregate in class 12 and SC/ST category candidates should have secured 50 per cent in aggregate.

### **AIIMS BSc Paramedical 2024 Eligibility**

- Candidates should have passed class 12 or an equivalent exam from a recognized board/university having Physics, Chemistry, English, and either Biology or Maths subjects.
- Candidates from the General/EWS/OBC category should have secured a minimum of 50 per cent marks in aggregate in class 12 and SC/ST category candidates should have secured 45 per cent in aggregate.

### **AIIMS BSc Nursing (Post-basic) 2024 Eligibility**

- Candidates should have passed class 12 or an equivalent exam from a recognized board/university having Physics, Chemistry, English, and either Biology or Maths subjects. However, candidates who have qualified for class 11 on or before 1986 can also apply.
- Candidates possessing a Diploma in GNM (General Nursing and Midwifery) from any Indian Nursing Council-recognized institution.
- Candidates must have registered themselves as a nurse or as a midwife with the State Nursing Council. In the case of male nurses, besides being registered nurses, they should have six months of training in any of the mentioned subjects is mandatory.
  - OT (Operation Theatre) Techniques
  - Ophthalmic Nursing
  - Psychiatric Nursing
  - Leprosy Nursing
  - TB Nursing
  - Neurological and Neuro Surgical Nursing
  - Community Health Nursing
  - Cancer Nursing
  - Orthopaedic Nursing

## **About AIIMS Nursing 2023 for MSc**

AIIMS is a premier institute in the field of medical sciences. The application process for the MSc nursing programme is done via a two-stage process. The first process is under PAAR (Prospective Applicants Advanced Registration) system which is a newly launched system by AIIMS, and the other is via basic registration followed by the Generation of Code and Final Registration.

### **AIIMS Nursing 2023 for MSc Highlights**

The AIIMS nursing 2023 entrance exam for the MSc programme will be held via online mode, below are the highlights of the national-level entrance exam:



AIIMS Nursing 2023 Highlights	
Exam name	AIIMS Nursing 2023 for the MSc programme
Conducting body	All India Institute of Medical Sciences (AIIMS), New Delhi
Programme level	Postgraduate
Courses offered	MSc Nursing
Registration (basic) begins on	15-Feb-2023 via PAAR
Registration (final) ends on	01-May-2023 (Till 5:00 PM)

## AIIMS Nursing 2023 MSc Eligibility

AIIMS, New Delhi, examination section has defined particular eligibility criteria for the candidates who wish to appear for AIIMS Nursing 2023 to pursue the MSc programme. AIIMS Nursing 2023 eligibility criteria for the programme at the postgraduate level are mentioned below.

- BSc (Hons.) Nursing/ BSc Nursing (Post-Certificate)/ Post-Basic /BSc Nursing (4 years) course from any recognized University or an educational institution recognized by the Indian Nursing Council, with 60 per cent in aggregate for Gen/EWS/OBC candidates (55 per cent aggregate for SC/ST category candidates)
- Registration as a Nurse, RN (Registered Nurse) or RM (Registered Midwife) with any State Nursing Council
- All applicants who have applied earlier and whose Basic Registration has been accepted for the 2023 session are also eligible for the Generation of code for Final Registration, and they are not required to complete the Basic Registration again

## AIIMS Nursing 2023 Admission Process for the MSc

Admissions to AIIMS Nursing for the MSc programmes involve a set of procedures. From registration to release of the admit cards, to appear for the national level entrance exam, and attending the counselling rounds post the declaration of the result. Below is a brief description of the admission process mentioned:

### Step 1: AIIMS Nursing registration 2023 for MSc



The first step of the process is registration. The AIIMS Nursing 2023 for the MSc admission involves a two-step registration/application process:

- Basic Registration
- Final Registration

In basic registration, personal details such as the name, date of birth, email id, mobile number and the scanned passport-size photo and scanned image of the signature and thumb impression are required. After submitting this information the candidates will be eligible for the Final registration process in which the candidates have to generate a code and pay the application fee using the registration ID received post the completion of the Basic registration.

## **Step 2: Download AIIMS Nursing 2023 Admit Card for MSc**

To appear and attempt the AIIMS Nursing 2023 entrance exam for the MSc programme, the candidates have to download the admit card which is required to be produced in hard copy at the centre on the day of examination to access the entry into the examination hall. The AIIMS Nursing 2023 for MSc can be downloaded online from the official website of the AIIMS. AIIMS Nursing 2023 admit card for the MSc programme for RACKON will be released on the official site of AIIMS.

## **Step 3: Appear for AIIMS Nursing entrance exam for MSc**

AIIMS will conduct the national level entrance exam and candidates have to appear for the AIIMS Nursing exam for MSc in order to seek admission into the MSc Nursing programme offered by the AIIMS institutes across India.

## **Step 4: Check AIIMS Nursing 2023 Result for MSc**

AIIMS Nursing 2023 result for the MSc programme has been declared on the official website of the AIIMS via online mode. Candidates have to log in to their accounts using their credentials to access their individual results and are advised to take a printout of the same to be used during the counselling and other processes.

## **Step 5: Appear for AIIMS Nursing 2023 Counselling for MSc**

Candidates whose names get shortlisted in the merit list are invited for counselling and the seat allocation process via online mode. On the basis of the percentile, rank, and score the candidates will be granted admissions to their respective choice of AIIMS institute.

## **Step 6: Fee and document submission to confirm admission**

After the successful allotment of the seats and the institute candidates have to submit the required fees (admission and tuition fee) along with the pre-requisite documents and undertakings. The candidates will be provided with the dates to attend the classes after completing the formalities.

## **AIIMS MSc Nursing 2023 Registration**

[AIIMS MSc Nursing 2023 registration](#) started on February 15, 2023 and will continue last till **May 1, 2023**. After the registration process, candidates whose registration request was accepted were eligible for the Final Registration process (fee payment and choice of the city). Notably, only candidates who have Generated a Code for Final Registration will be able to complete the fee payment and choose a city as the preferred exam centre. AIIMS Nursing 2023 application form-filling process for the MSc programme is divided into two stages, that use the Prospective Applicants Advanced Registration (PAAR) system, launched by AIIMS.



Both stages are equally important and candidates should not miss out on any of the two stages. The two stages are:

- **Stage 1:** Basic Registration
- **Stage 2:** Final Registration

### Stage 1: Basic Registration

The first stage is the Basic Registration stage in which the candidates are required to furnish their personal details such as name, date of birth, email id (for communication purpose), mobile number (to send information and code via SMS), and then the scanned passport-size photo and scanned image of the signature and thumb impression. After providing the details post the submission, the candidates will receive a registration ID and a password to conclude the Basic Registration process. Candidates are advised to keep the registration ID and password safe for future use. The basic registration deadline is April 20, 2023.

### Stage 2: Final Registration

After the successful submission and acceptance of the Basic Registration form, candidates will be able to generate a code and pay the application fee. Candidates won't be able to proceed with the final registration process without generating the code. In the final registration stage, the candidates have to provide their academic details and submit the choice of the city as the exam centre. AIIMS Nursing 2023 (MSc Nursing) application fee can be paid via online mode using a Debit/Credit card or Net banking. The final registration deadline is April 28, 2023.

## AIIMS MSc Nursing 2023 Application Fee

Below mentioned is the AIIMS MSc application fee which candidates need to pay in order to complete the registration process:

Category	Application Fee (In INR)
General category candidate (Male/Female)	1,500
OBC candidate (Male/Female)	1,500
SC/ST candidate (Male/Female)	1,200
PwD candidates	Exemption

## Documents Required for Filling AIIMS Nursing Application Form for MSc

Candidates are required to keep the following documents and information ready while filling out the AIIMS Nursing 2023 Application Form:

- A valid mobile number
- A valid e-mail ID
- A valid credit/debit card and net banking details
- Passport-size photograph.
- Scanned image of the signature
- Scanned image of thumb impression
- Category certificate (For SC/ST/PwD category)



- Qualifying exam mark sheet or the degree

## AIIMS Nursing 2023 Exam Pattern for the MSc Programme

AIIMS offers three nursing courses under its purview. All three courses follow different Exam patterns. [AIIMS MSc Nursing Exam pattern](#) is as follows:

AIIMS Nursing MSc Exam Pattern	
Exam duration	90 minutes (one and a half hours)
Exam language	English
Mode of exam	Computer-based test
Type of questions	Multiple-choice questions (MCQs)
Sections	Four sections (A,B,C,D)
Total questions	70 MCQs
Negative marking	Yes (-1/3)
Total marks	100 (70 Online Test + 30 Personal Interview)

AIIMS nursing 2023 MSc exam involves a two-stage selection process. The two stages are:

- **Stage 1:** Written examination
- **Stage 2:** Personal Interview/Assessment

The description of the two stages is mentioned below. Candidates can check what they can expect out of the two stages:

### Stage 1: Written examination

The first stage will be a written exam. The examination authority will invite candidates who will qualify for the written exam for the Personal Interview/Assessment scheme. The written exam will be a 90-minute computer-based test. The question paper will be set in the English language only.

### Stage 2: Personal Interview/Assessment Scheme

Candidates who will be able to make it to the merit list based on the written exam are called for the personal interview/assessment round. The second stage will have a weightage of 30 marks. The final merit list will decide the fate of the candidate based on their performance in both stages. Almost three times more candidates will be invited for the interview than the actual



number of available seats. The assessment process takes into consideration the following criteria:

- The past academic record of Graduation (BSc) level exam
- Performance as a Staff Nurse

**Past year Question Papers [PYQ] – [CLICK HERE](#)**

### **Study Material -**

- **UTKARSH NURSING CLASSES-**  
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- **NURSING 2 NORCET –**  
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