

JEE Advanced 2023

What Is JEE Advanced?

JEE Advanced (formerly known as IIT JEE) is the second phase of the IIT JEE and is usually conducted after the JEE Main exam. It is an important test for engineering aspirants (especially those seeking admission to premier engineering institutes such as IITs). JEE Advanced is a computer-based exam and is usually conducted by seven IITs (IIT Kharagpur, IIT Bombay, IIT Roorkee, IIT Madras, IIT Kanpur, IIT Delhi and IIT Guwahati) on a rotational basis. The JEE Advanced 2023 is expected to be conducted by IIT Guwahati. On this page, you will get the latest updates about JEE Advanced 2023, exam dates, syllabus, exam pattern, eligibility criteria, etc.

Table of Contents:

- [JEE Advanced 2023 Updates](#)
- [About JEE Advanced](#)
- [Important Dates](#)
- [Eligibility Criteria](#)
- [JEE Advanced Application Form](#)
- [JEE Advanced Admit Card](#)
- [Exam Pattern](#)
- [Marking Scheme](#)
- [JEE Advanced Syllabus](#)
- [Best Books for JEE Advanced](#)
- [JEE Advanced Question Papers](#)
- [JEE Advanced Mock Test](#)

Exam Name: JEE Advanced

Exam Conducting Authority: IIT Guwahati

Exam Purpose: Admission to B.E or B.Tech courses

Participating Institutes: 33 (IISc, 23 IITs, 5 IISER, IITPE, IIST and RGIPT)

Exam Mode: Computer-based Online Test

Subjects Covered: Maths, Physics and Chemistry

Test Duration: 3 Hours (Paper 1 and 2 Each) – Both are mandatory to attempt

Total Marks: Varies every year

Total Eligible Candidates: Top 2,50,000 candidates from JEE Main

Counselling Authority: JoSAA

Available Seats in IITs: The number varies every year. The number of available IIT seats was 16,598 in 2022.

Number of attempts: Maximum 2 attempts in consecutive years

Official JEE Advanced 2023

- [JEE Advanced Results](#)
- [JEE Advanced Counselling](#)
- [JEE Advanced Cut-off](#)
- [JEE Advanced – Marks vs Rank](#)

[JEE Advanced FAQs](#)

[JEE Advanced 2023 Updates](#)

S. No.	Activity	Day, Date and Time (IST)
1	Registration for JEE (Advanced) 2023	Fourth week of May 2023
2	Last date for fee payment of registered candidates	Second week of June 2023
3	Admit card available for download	Second week of June 2023
4	Choosing of scribe for PwD candidates	Second week of June 2023
5	JEE (Advanced) 2023 Exam	Third week of June 2023
6	Copy of candidate responses to be available on the JEE (Advanced) 2023 website	Fourth week of June 2023
7	Online display of provisional answer keys	Fourth week of June 2023
8	Feedback and comments on provisional answer keys from the candidates	Fourth week of June 2023
9	Online declaration of final answer keys	First week of July 2023
10	Result of JEE (Advanced) 2023	First week of July 2023

11	Online registration for Architecture Aptitude Test (AAT) 2023	Second week of July 2023
12	Tentative beginning of Joint Seat Allocation (JoSAA) 2023 process	Third week of July 2023
13	Architecture Aptitude Test (AAT) 2023	Third week of July 2023
14	Declaration of results of AAT 2023	Third week of July 2023

You can check the latest updates here in this section.

IIT Guwahati has not yet released the official notification for **JEE Advanced 2023**. However, the tentative exam date for JEE Advanced 2023 is June 2023.

About JEE Advanced 2023

The details of the JEE Advanced 2023 entrance exam are presented below.

The entrance exam consists of two papers – Paper 1 and Paper 2. It is also carried out in two stages (or shifts) that are held on the same day. All the students must appear for both papers to be eligible for the merit list. Candidates are granted admission to various undergraduate courses and master and dual degree programmes offered by IITs based on marks scored or ranks secured in the JEE Advanced examination.

Read on to know about the JEE Advanced 2023 dates, registration process and application forms, syllabus, exam pattern, results and more.

JEE Advanced 2023 Important Dates

The important dates for JEE Advanced are tabulated below. Candidates can go through the details provided below and stay updated on the JEE Advanced 2023 (tentative) schedule.

JEE Advanced Eligibility Criteria

Students who are planning to appear for JEE Advanced 2023 are required to meet specific eligibility criteria established by the exam conducting authority. Candidates who do not fulfil the required criteria are not qualified to appear for the JEE Advanced exam. Therefore, candidates are advised to read the [eligibility criteria for JEE Advanced](#) carefully before submitting their application form to avoid any discrepancies in the future.

JEE Advanced Application Form and Registration Process

Soon after the declaration of JEE Main results, the conducting authority for JEE Advanced exam will release the application form and other items. For 2023, IIT Guwahati will be in charge of releasing the application forms, and they should be available after the completion of the JEE Main exams. The students must first register on the official website and then fill out the application form. They have to submit the form online along with the application fees.

The top 2.50 lakh candidates from JEE Mains will be eligible for the IIT JEE Advanced exam.

We have outlined the steps students can follow to submit the [JEE Advanced application form](#) successfully.

JEE Advanced Registration Fees

Indian Nationals:

- **General Category Candidates:** INR 2,800/-
- **Female Candidates:** INR 1,400/-
- **Reserved Category Candidates:** INR 1,400/-

Foreign Nationals:

- **SAARC Country Candidates:** 75 USD
- **Non-SAARC Country Candidates:** 150 USD

Note: Students must choose five exam centres from an IIT zone while filling out the application. JEE Advanced exam centres are present in 161 cities. Once the centres are fixed, they cannot be changed. The details about the centres will be given on the candidate's admit card.

JEE Advanced Admit Card

IIT Guwahati will release the JEE Advanced admit card 2023 at jeeadv.ac.in. Admit cards will only be released for the candidates who successfully registered for the JEE Advanced exam before the last date. Candidates will not be allowed to enter the JEE Advanced exam centres without a valid admit card for JEE Advanced 2023. Candidates can download their admit card by logging in to the candidate portal using their registration number, date of birth and mobile number.

Read more about [JEE Advanced admit card](#).

JEE Advanced Exam Pattern

Below is the expected exam pattern for JEE Advanced 2023. As we know, the number of questions in JEE Advanced paper may vary every year.

Number of Papers: 2 (Paper-I and Paper-II) – Both are compulsory

Exam Mode: Computer-based (Online)

Duration: 3 Hours each for Paper-I and Paper-II (4 hours for PWD candidates)

Shifts: 9 AM – 12 PM, 2:30 PM – 5:30 PM

Number of Sections: 3 (Physics, Chemistry, Maths)

Number of Questions: Varies

Question Types: Multiple Choice Questions (with one or more correct options), Numerical-based Questions, Matching List Questions

Question Paper Languages: English and Hindi

JEE Advanced Marking Scheme

Marking scheme for questions with one or more correct options

- +4 if all the marked responses are correct
- +3, +2, +1 for partially correct answers, provided any incorrect option is not marked
- -2 for incorrect answer
- No negative marking for questions left unattempted

Marking scheme for questions with numerical value type answers

- +3 for correct answer
- No negative marking for incorrect answers or questions left unattempted

Marking scheme for matching list type and single correct option questions

- +3 for correct answer
- -1 for incorrect answer
- No negative marking for questions left unattempted

Similarly, the JEE Advanced AAT pattern is not fixed. Here is an outline of the exam pattern as seen in previous year's exams:

- **Mode of Examination:** It is conducted offline
- **Exam Duration:** 3 hours
- **Language:** English
- **Sections:** Geometrical Drawing, Freehand Drawing, Imagination and Aesthetic Sensitivity, Three-Dimensional Perception, Architectural Awareness.

JEE Advanced Syllabus

The examination authority declares the syllabus of JEE Advanced. As we know, **JEE Advanced 2023 syllabus** has been released with some differences compared to the previous year. The syllabus is mapped according to the NCERT curriculum and is almost similar to the Mains Syllabus (with a slight difference in the weightage for different topics). The syllabus will help the IIT aspirants plan and schedule their preparation strategy.

The questions in JEE Advanced are focused more on testing conceptual clarity and application-based knowledge; therefore, candidates should practise mixed variations of problems from multiple reference books. To crack this exam, they should focus equally on all

three subjects. The exam is highly uncertain, and questions can be expected from anywhere; hence examine your strengths and prepare a suitable study plan based on the topics included in the syllabus.

Best Books for JEE Advanced

A list of books that can be referred to by students preparing for the JEE Advanced 2023 is provided below.

Maths:

- NCERT Class XI and XII books
- IIT Mathematics by M.L. Khanna
- Higher Algebra by Hall and Knight
- Differential Calculus by A. Das Gupta
- RD Sharma Classes 11 and 12
- Trigonometry by S.L. Loney

Chemistry:

- NCERT Class XI and XII books
- Inorganic Chemistry by J.D. Lee
- Numerical Chemistry by P. Bahadur
- Physical Chemistry by Wiley
- Organic Chemistry by Morrison and Boyd
- Inorganic Chemistry by O.P. Tandon

Physics:

- NCERT Class XI and XII Textbooks
- JEE Physics by D.C. Pandey
- HC Verma Part I and II
- Problems in Physics by S.S. Krotov
- Physics by Resnick and Halliday
- Physics by I.E. Irodov

Students need to choose the right and [best books for IIT JEE](#) preparations. They should stick with them throughout the preparations. Avoid referring to multiple books for similar topics, as it can lead to confusion between concepts. Analyse your strengths and weaknesses and make an appropriate study plan so that your preparation time can be evenly divided and the entire syllabus can be completed well in time.

JEE Advanced Mock Test

The examination authority will release the mock test paper for the 2023 exams. The students are advised to practise these test papers sincerely to get acquainted with the computer-based online exam pattern. The JEE Advanced mock test will be for 180 minutes, during which the candidates will use computers to navigate between the sections and submit their answers. It is one of the best ways to prepare for highly competitive exams like JEE Advanced.

Apart from the mock test, sample papers and previous years' question papers are extremely helpful in understanding the marking scheme, types of questions asked, the difficulty level of the exam, time distribution, etc.

Interested candidates can also register with **BYJU'S JEE Mock test** to get familiar with the exam mode and pattern.

JEE Advanced Results

In 2023, IIT Guwahati will declare the results of the JEE Advanced. The examination authority who is in charge of the exam for that particular year will declare the results. The results will be published online on the official website comprising subject-wise marks and total marks secured, All India Rank (AIR) and Category Ranks.

How to Download JEE Advanced Results?

- Log in to the official website using the roll number, mobile number, and date of birth.
- Click the **Submit Button**.

The result will then be displayed on the screen.

JEE Advanced Counselling

Candidates have to note that the exam-conducting IIT is not the authority to conduct the counselling and allotment of seats for JEE Advanced. The Joint Seat Allocation Authority (JoSAA) is in charge of conducting the rest of the activities. Candidates who qualify for JEE Advanced will have to first register with JoSAA. Then only they will be able to participate in the counselling process where candidates have to choose their preferred IITs and courses. Seat allotment is done considering the ranks that candidates secure and their preferences, along with the availability of seats. The application form for JoSAA 2023 will be released after the results are declared.

JEE Advanced Cut-off Marks

The cut-off marks for the entrance exam will be released along with the declaration of results. JEE Advanced cut-off marks are the minimum marks required by the candidates to be eligible in the counselling process conducted by Joint Seat Allocation Authority (JoSAA). The students are shortlisted for admission at IITs based on the cut-off marks and ranks secured in the examination.

What Factors Determine the Cut-off Marks for JEE Advanced?

- Total candidates eligible for JEE Advanced
- Seat availability in different IITs
- The difficulty level of the exam
- Total candidates appeared
- Last year's cut-off trends
- The overall performance of appearing candidates

Marks Range out of 360	Expected ranks (Approx)
335 Marks to 308 Marks	10 to 50
285 Marks to 279 Marks	100 to 200
230 Marks to 224 Marks	700 to 800
212 Marks to 209 Marks	1100 to 1200
200 Marks to 197 Marks	1500 to 1600
191 Marks to 189 Marks	1900 to 2000
177 Marks to 175 Marks	2700 to 2800
172 Marks to 170 Marks	3100 to 3200
163 Marks to 162 Marks	3900 to 4000
155 Marks to 154 Marks	4700 to 4800

JEE Advanced Marks vs Rank

Based on previous years' results analysis, we have provided an approximate range of JEE Advanced marks vs rank. Soon after the exam, the answer keys are released by the examination authority. After calculating their marks, the candidates can refer to JEE Advanced marks vs rank analysis to calculate their expected rank range based on the marks secured out of 360.

Frequently Asked Questions on JEE Advanced

When will the JEE Advanced 2023 exam be conducted?

The JEE Advanced 2023 will likely be held in June 2023 and will be conducted by IIT Guwahati.

When will the JEE Advanced application form be released?

The application form for JEE Advanced 2023 will be released at jeeadv.nic.in. The tentative date for filling out the online application form for JEE Advanced 2023 will begin in the fourth week of May 2023.

How to download the JEE Advanced admit card 2023?

To download the JEE Advanced admit card, candidates must visit the official website and use their application number, date of birth, and mobile number.

Are candidates who have cleared their qualifying exams in 2021 eligible for JEE Advanced 2023 if they did not appear for it in 2022?

No, they are not (unless the results for the qualifying examination were declared after June 2021, in which case, the candidate must still comply with several other eligibility criteria).

Can aspirants who missed JEE Advanced 2022 appear in JEE Advanced 2023?

Yes. In recent developments, candidates who missed the JEE Advanced 2022 exam will be allowed to appear in the entrance exam in 2023.

How many seats will be available in IITs in 2023?

The number of seats offered by IITs varies yearly, and it was 16,598 in 2022. We will have to wait for the official word from the exam authority on the number in 2023.

How much do I have to score in the JEE Main to qualify for the JEE Advanced 2023?

In order to be eligible for JEE Advanced 2023, a candidate must secure a rank among the top 2,50,000 in JEE Main 2023.

Are both Paper-I and Paper-II mandatory in the JEE Advanced 2023?

Yes, both papers are mandatory. The candidate's total score and rank will be calculated based on their individual scores in the JEE Advanced 2023 Paper-I & Paper-II.

Is there any change in the JEE Advanced eligibility?

Yes, as per the request of students, 75% of the eligibility criteria for admissions to IITs have been scrapped in 2022.

How is the top 20 percentile calculated for the qualifying exam?

The percentiles are calculated by taking the aggregate marks of all the qualifying exam subjects. Institutions will provide cutoff marks for the top 20 percentiles of various categories, and the information will be published on the IIT websites.

Which login ID must be used to apply for the JEE Advanced 2023?

The candidate's login ID for JEE Advanced 2023 is their JEE Main roll number. The password is the one used for JEE Main.

What kind of questions can I expect in the JEE Advanced?

The questions in JEE Advanced are quite tricky and analytical. As for the format, they are mostly multiple-choice types that cover all three science subjects – Physics, Chemistry and Mathematics.

Is there any way to confirm the registration status for the exam?

The registration status of candidates can be confirmed through the official website. The status is updated within 72 hours of payment of fees. Candidates should contact the admission authorities immediately if they do not see the updated status.

Apart from IIT colleges, which are the other premier institutes offer admissions, based on the JEE Advanced score?

Nine other premier institutes offer admissions based on JEE Advanced score, namely, IISc Bangalore, IISER Bhopal, IISER Kolkata, IISER Mohali, IISER Thiruvananthapuram, IISER Pune, IIST Thiruvananthapuram, RGIPT Rae Bareilly, and IIPE Visakhapatnam.

How to develop better skills for solving JEE questions?

The best and most effective way to develop better skills for tackling JEE Advanced questions is to solve a maximum number of question papers, be it sample papers or previous year papers. Candidates can also take mock tests as well. All these study exercises will help aspirants get familiar with the paper patterns, and they will know how to answer the questions during the actual exam.

JEE Advanced 2023 will be held in how many languages?

The JEE Advanced 2023 will be held in English and Hindi languages.

Do I need to apply for the JEE Advanced separately?

Yes, the JEE Advanced applications will be released after the announcement of JEE Main results, and candidates will have to register for JEE Advanced. The top 2,50,000 candidates from JEE Main can apply for JEE Advanced.



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