

A WORD OF ADVICE

Many students have a deep rooted feeling that they do not stand to succeed in IIT-JEE (JEE Advanced) if they have not been doing extremely well in studies so far. JEE requires an analytical approach and it is quite different from normal studies.

The admission to the undergraduate programmes at the IITs for the year 2022 was based on a two-tier test. The first test called the JEE (Main), was conducted in **two** sessions (**June & July**) through Online (Computer Based Test) mode only. Newly Constituted National Testing Agency (NTA) has started conducting JEE Main which was earlier conducted by CBSE. The second test, called the JEE (Advanced), was held on **28th Aug 2022**. Around 2,50,000 of the Top Rankers in JEE (Main), which includes students from all categories were eligible to appear in JEE (Advanced).

The Joint Entrance Examination (Advanced) is also now being conducted through online mode i.e. in computer based test mode from 2018. All future JEE Advanced exams will be conducted in Computer based Test (CBT) mode only.

The JEE (Advanced), 2022 **had** two objective type papers. Each paper consisted of Physics, Chemistry and Mathematics. Duration of each paper was 3-hours. Question papers were in both English and Hindi. Admissions to IITs was based only on category wise All India Rank (AIR) in JEE (Advanced) subject to the condition that such candidates should have appeared for the Class XII (or equivalent) examination for the first time in either 2021 or 2022 with the subjects Physics, Chemistry, and Mathematics.

Following the directions of the Ministry of Education, Government of India, and the decision taken by the IIT Council, supernumerary seats have been created for female candidates for improving the gender balance in the undergraduate programs in IITs. These supernumerary seats will be offered (a) to only those female candidates who are declared qualified in JEE (Advanced) 2022, and, (b) strictly based on the performance in JEE (Advanced) 2022. The number of supernumerary seats in various programs will be decided by individual IITs ensuring that every institute has at least 20% female enrolment in undergraduate program(s). The detailed procedure for implementation of the above shall be set out in the Business Rules of JoSAA 2022 (which will be made available subsequently on <https://josaa.nic.in>). (Source: JEE Advanced, 2022 Brochure <https://jeeadv.ac.in/documents/IB-2022-English.pdf>)

Newly Constituted National Testing Agency (NTA) has started conducting JEE Main which was earlier conducted by CBSE. The JEE (Main) - 2022 will be conducted in 02 (two) sessions for admissions in the next academic session.

The candidates will thus benefit in the following ways:

- This will give two opportunities to the candidates to improve their scores in the examination if they are not able to give their best in one attempt.
- In the first attempt, the students will get a first-hand experience of taking an examination and will know their mistakes which they can improve while attempting for the second time.
- This will reduce the chances of dropping a year and droppers would not have to waste an entire year.
- If anyone missed the examination due to reasons beyond control (such as the Board examination), then he/she will not have to wait for one entire year.
- A candidate need not appear in both Sessions. However, if a candidate appears in more than one Session then his/her best of the JEE (Main) - 2022 NTA Scores will be considered for preparation of Merit List/ Ranking.

(Source: JEE Main website <https://jeemain.nta.nic.in/>)

With this pattern of JEE the competition is expected to be even more fierce and even the number of candidates appearing in JEE probably will be more as compared to previous JEE years.

We have seen that students, who do extremely well in the FIITJEE admission test thereby demonstrating potential for JEE and have the ability to take on the rigors of JEE preparation, come out with top ranks in JEE. This is a phenomenon repeated year after year. We have witnessed that all the Top Rankers in JEE always maintain 100% attendance in FIITJEE classes and follow the FIITJEE Academic system religiously.

To have optimum success & avoid failing, one has to develop excellent temperament besides knowledge of the subject and problem solving skills. To achieve this, we advise you the following:

- **Have clarity of goal & determination** to achieve it. Give top priority to getting into IITs/other top Engineering Institutes. Develop your own plan (overall blue print) to produce peak results.
- **Do not dilute preparation of any topic because of any factor etc.** Unlike school/board exams you cannot score in JEE without reaching a certain level of proficiency.
- **Mere understanding of a concept is not adequate.** You have to learn to apply these concepts in solving tricky problems. Problems in JEE are not direct application of a single concept. Many JEE problems involve more than one basic concept.
- **Develop your analytical skills.** Do not give up solving a problem after one or two attempts only. It is only by doing & trying to do difficult problems that you can improve your analytical skills.
- **You have to optimally use the time available upto JEE.** This would also mean realignment of your extra-curricular and sports activities etc. Realize that the time available in a day is still the same.
- **There is no dearth of books and problems available.** One has to draw boundaries and concentrate on quality rather than quantity. It is possible to prepare a topic by doing 100-120 problems only, if you try to solve them completely by yourself. This may involve devoting half an hour or one hour or may be even more on a tricky problem. **On the other hand your preparation can be very weak and hollow even if you have attempted more than 300 problems on the same topic in the same time, thereby devoting much less time on difficult problems and leaving them as doubts to be cleared from your teachers.** So restrict yourself to FIITJEE assignments and do them thoroughly and totally on your own.
- **Carefully revise concepts** and again solve those stumbling block problems you faced during your preparation.
- **Take several tests** in right environment. These are a must to convert your knowledge & skills into marks. This alone will make a difference between success & failure, a good Rank & a bad Rank.

With best wishes,

The FIITJEE Team

A WORD OF ADVICE
