

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. Others, who do not fall into this category of students, have also won laurels for FIITJEE and themselves by working their way up.

There have been quite a few students who barely managed to get admission at FIITJEE but finally got extremely good ranks in JEE. What they did was to follow us sincerely and religiously. Here are a few suggestions:

- Class XI students feel a big difference in the level of Physics, Chemistry and Mathematics from X to XI. Required effort to get good percentage in XI exams is far more than that needed to get a similar percentage in X Board Exams. JEE preparation calls for not only a different approach but higher level of analytical skills & even greater effort. If you are not mentally prepared for the grill and if you have come to FIITJEE just because your parents want you to appear in JEE please don't join FIITJEE.
- Remember Class XI & XII Board Exam syllabi for Physics, Chemistry and Mathematics are more or less same as that for JEE. Difference lies only in approach. If you are thoroughly prepared for JEE, with a little extra effort, you are bound to do extremely well in XI Final & XII Board Exams too. Vice versa is not true. Even if you have prepared very well in a topic from XI & XII exam point of view, you will still need an intense effort to make sure your preparation is adequate from JEE point of view.
- Do not dilute preparation of any topic because of any factors viz. school work 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 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 solve 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.** Remember the time available in a day is unexpandable.
- Give top priority to getting into IITs/other Top Engineering Institutes.
- There is no dearth of books and problems available. One has to draw boundaries and concentrate on quality rather than quantity. **It is possible that you can prepare a topic by doing 100-120 problems only, if you try to solve them completely by yourself.** This may even involve devoting half an hour or one hour or may be even more on an occasional 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.

We have witnessed that all the Top Rankers in JEE always maintain 100% attendance in FIITJEE classes and follow the FIITJEE Academic system religiously.

At FIITJEE, based on your needs, we have planned your academics through **COMPLETE TRAINING** for the next two years and it will unfold as you go along.

- *You will have the right mix of classes, problem solving and doubt sessions supplemented with in-depth, thoroughly revised study material. This will help you develop comprehensive understanding of concepts and their applications.*
- *On each chapter students will be given **Chapter Practice Problems (CPP)** which they have to attempt and submit before the beginning of the next chapter. These solutions will be checked by the faculty and will be returned to the students with remarks and suggestions. Thus helping every student to have a very strong command over fundamental concept knowledge very crucial for getting Top ranks.*
- *On each topic you will be given three levels of assignments of varying difficulty. This will help you develop application and analytical skills required for JEE level. Assignments shall contain objective as well as numerical type problems.*
- **All India Internal Test Series (AIITS):** *These tests make students acquainted with a diverse set of examination patterns and alongside confer them with their national level performance ranking in the respective patterns. Tests are based on the common minimum syllabus of all classroom / School Integrated Programs.*
- *You will be given periodic tests which will be supplemented by test analysis sessions. This will not only give you a feedback but also develop the examination temperament. All periodic tests called phase tests shall be on the new JEE pattern (Main & Advanced).*
- *For almost all topics you will be given objective type quizzes.*
- *We have planned academics in such a way that your preparation for final school exams of XI and Board Exams of XII are not hampered in any way.*
- *Whatever be the examination pattern of the JEE, students of FIITJEE's Classroom Program are going to be benefited compared to students from other institutes because of early completion of course besides, as usual with any FIITJEE course, being well balanced in terms of re-aligning students to be able to solve all possible types of JEE problems. Finishing the entire course with depth and integrity so early gives the FIITJEE students a distinct advantage over others.*

“Focus is the key word for us and our students”

To develop comprehensive understanding and their application, you require certain minimum number of hours of classroom interaction. In classroom interaction all three subjects i.e. Physics, Chemistry and Mathematics should be given equal importance and the classroom interaction should be frequent, at least two days in a week. Based on our experience, we have observed students / institutes neglect Chemistry, which is the most scoring, and do not pursue Physics in a proper way which reduces students' optimum performance.

We at FIITJEE understand this aspect of training thus making our system the most powerful one as compared to any other.

When you join us please make sure that you do not join any other course of any type with any one.

It has been observed that students who have not followed this advice end up confused, tense and are not able to give their optimum performance.

At FIITJEE you will find a very powerful system that can help you unfold your full potential, systematically. What is required is total dedication and hard work.

With best wishes,

The FIITJEE Team

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