

# JEE

The **Joint Entrance Examination (JEE)** is a competitive examination in India that serves as a gateway for students to gain admission to various undergraduate engineering programs in some of the most prestigious institutions in the country, including the Indian Institutes of Technology (IITs). There are two main variants of the JEE:

**JEE Main:** JEE Main is the initial examination that candidates must clear to be eligible for admission to engineering programs in National Institutes of Technology (NITs), Indian Institutes of Information Technology (IIITs), and other government and private engineering colleges. It is also the qualifying examination for the JEE Advanced.

**JEE Advanced:** JEE Advanced is the second phase of the examination. Only the top performers in JEE Main are eligible to take the JEE Advanced. Clearing JEE Advanced opens the door to admission into the prestigious Indian Institutes of Technology (IITs).

Here's a brief overview of the two phases:

## JEE Main:

- 📚 Exam Format: It's a computer-based test that includes multiple-choice questions as well as numerical value-based questions.
- 📚 Subjects: It covers Physics, Chemistry, and Mathematics.
- 📚 Scoring: The scores are used for admission to NITs, IIITs, and other engineering colleges.
- 📚 Frequency: JEE Main is conducted multiple times a year (usually in January and April).

## JEE Advanced:

- 📚 Exam Format: It consists of two papers, Paper I and Paper II, which are both compulsory.
- 📚 Subjects: Similar to JEE Main, it covers Physics, Chemistry, and Mathematics.
- 📚 Scoring: The scores are used for admission to the IITs.
- 📚 Frequency: JEE Advanced is typically conducted once a year.

Preparation for the JEE exam is quite rigorous, as it requires a strong understanding of the subjects, problem-solving skills, and time management. Many students opt for coaching classes to prepare, although self-study is also common. Past years' question papers, reference books, and mock tests are valuable resources for JEE preparation.

Admission to IITs and other top engineering institutions in India is highly competitive, and achieving a JEE high rank in JEE Advanced is essential. It's crucial to stay updated with the official information from the exam conducting body (usually the National Testing Agency, NTA, for JEE Main) to know about exam dates, eligibility criteria, and any changes in the examination pattern.