

# **JEE - Joint Entrance Examination**

## **What is JEE?**

JEE (Joint Entrance Examination) is a national-level engineering entrance exam conducted in India. It is the gateway to prestigious institutions like the Indian Institutes of Technology (IITs), National Institutes of Technology (NITs), Indian Institutes of Information Technology (IIITs), and other GFTIs.

JEE is conducted in two phases:

- JEE Main: For admission to NITs, IIITs, GFTIs, and eligibility for JEE Advanced.
- JEE Advanced: For admission to the IITs.

## **Eligibility Criteria**

- Candidates must have passed Class 12 (or equivalent) with Physics, Chemistry, and Mathematics.
- For JEE Advanced, candidates must be among the top 2.5 lakh qualifiers of JEE Main.
- Age and attempt limits apply specifically to JEE Advanced.

## **Exam Pattern**

JEE Main:

- Mode: Computer-based Test

- Subjects: Physics, Chemistry, Mathematics
- Total Marks: 300 (100 per subject)
- Question Type: MCQs + Numerical Value Questions

JEE Advanced:

- Two Papers (Paper 1 and 2, both compulsory)
- Designed to test problem-solving skills and conceptual understanding.

### Important Dates (Tentative)

- JEE Main (Session 1): January
- JEE Main (Session 2): April
- JEE Advanced: May
- Counseling through JoSAA: June-July

### Career Opportunities

- B.Tech programs at IITs, NITs, IIITs, GFTIs
- High placement rates and research opportunities
- Pathway to civil services, entrepreneurship, higher studies (MS/MTech), and more

### Useful Resources

- Official JEE Main website: <https://jeemain.nta.ac.in/>
- Official JEE Advanced website: <https://jeeadv.ac.in/>
- JoSAA Counseling Portal: <https://josaa.nic.in/>