

## JEE Adv 2026: Complete Exam Information and Preparation Guide

### Introduction

The Joint Entrance Examination (JEE) Advanced 2026 serves as the pathway to gaining admission into the prestigious Indian Institutes of Technology (IITs). Held every year, it is the second stage of the JEE, specifically designed to evaluate the analytical thinking, logical reasoning, and problem-solving abilities of aspiring engineers. Successfully passing this exam opens doors to top-tier engineering programs, fostering the development of future leaders in science and technology.

### Overview

The **Joint Entrance Examination (JEE) Advanced 2026** is widely regarded as one of the toughest and most prestigious engineering entrance exams in India. Held annually by one of the Indian Institutes of Technology (IITs) under the guidance of the Joint Admission Board (JAB), it acts as the second and final stage of the JEE system, following JEE Main. Success in this exam opens the door to the 23 esteemed IITs across the country.

Aspect	Details
<b>Exam Name</b>	JEE Advanced 2026
<b>Organizing Institute</b>	One of the IITs (rotates annually under the guidance of JAB)
<b>Exam Mode</b>	Online (Computer-Based Test)
<b>Number of Papers</b>	Two mandatory papers (Paper 1 and Paper 2)
<b>Duration</b>	3 hours for each paper
<b>Languages</b>	English and Hindi
<b>Eligibility</b>	Top 2,50,000 JEE Main qualifiers Must meet specific age, attempt, and academic requirements

<b>Focus Areas</b>	Analytical reasoning, advanced problem-solving, and in-depth knowledge of core subjects
<b>Exam Type</b>	National-level entrance test
<b>Purpose</b>	Gateway to admission in 23 IITs across India
<b>Core Subjects</b>	Physics, Chemistry and Mathematics
<b>Marking Scheme</b>	Dynamic, with variations each year (may include full, partial, or negative marking)
<b>Recognition</b>	Acknowledged worldwide as one of the most challenging engineering entrance exams

## Important Dates

<b>Event</b>	<b>Date (Tentative)</b>
Release of Notification	February 2026
Registration Start Date	April 2026
Registration End Date	April 2026 (last week)
Admit Card Release	May 2026
Exam Date	May 2026 (last week)
Result Announcement	June 2026

## Eligibility Criteria

- Performance in JEE Main:** Top 2,50,000 candidates qualify for JEE Advanced.
- Age Limit:** Born on or after October 1, 2000 (relaxation for reserved categories).
- Number of Attempts:** Maximum of two consecutive attempts.
- Educational Qualification:** Should have passed Class 12 in 2025 or appearing in 2026.

## Registration Process

The registration process for JEE Advanced 2026 is straightforward but requires attention to detail. Eligible candidates must complete the process online on the official JEE Advanced website during the specified registration window. Below is a step-by-step guide to ensure a smooth registration experience.

### Step-by-Step Registration Guide

**1. Visit the Official Website**

- Go to the official JEE Advanced 2026 website (link will be provided in notifications).

**2. Log In Using JEE Main Credentials**

- Enter your JEE Main Roll Number and password.
- Verify the details retrieved from JEE Main (e.g., personal and academic details).

**3. Fill in Required Details**

- Provide additional information like communication address, preferred language of exam (English/Hindi), and category (General, OBC-NCL, SC, ST, EWS, etc.).

**4. Choose Exam Centres**

- Select three exam cities in the order of preference from the available list.

**5. Upload Required Documents**

Ensure all documents are in the prescribed format and size before uploading.

- Recent Photograph: Passport-size with clear background.
- Signature: Scanned signature on white paper.
- Class 10 & Class 12 Certificates: For age proof and academic eligibility.
- Category Certificate: If applicable (SC/ST/OBC-NCL/EWS).
- PwD Certificate: For candidates with disabilities.

**6. Pay the Registration Fee**

The fee varies based on category and nationality. Payment can be made online via: Net banking, Credit card, Debit card and UPI

**7. Review and Submit**

- Double-check all the entered details and uploaded documents.
- Submit the application and note the confirmation number.

**8. Download Confirmation Page**

- Save and print the confirmation page for future reference.

## Application Form

- Personal Details:** Enter your full name, father's and mother's name, gender, date of birth, nationality, and Aadhaar number (optional).

- Contact Information:** Provide your email address, mobile number, correspondence address, state, and PIN code.
- Academic Details:** Fill in your Class 12 roll number, board name, year of passing, and percentage/CGPA.
- JEE Main Details:** Mention your JEE Main roll number, score, and rank.
- Category Details:** Specify your category (General/SC/ST/OBC-NCL/EWS), PwD status (if applicable), and upload relevant caste or disability certificates.
- Exam Centre Preferences:** Select three cities in order of preference for your exam center.
- Document Uploads:** Upload your recent photograph, signature, and scanned copies of Class 10 and Class 12 certificates in the required formats and sizes.
- Payment Details:** Pay the application fee through Debit/Credit Card, UPI, or Net Banking.
- Declaration:** Agree to a declaration stating that all provided information is accurate and complete before submitting the form.

## Exam Fee

The application fee for JEE Advanced 2026 is as follows:

Category	Fee (INR)
General / EWS / OBC-NCL	₹2800
SC / ST / PwD / Female	₹1400
International Candidates	USD 75 (SAARC) / USD 150 (Non-SAARC)

**Note:** The fee is non-refundable and can be paid via Debit/Credit Card, Net Banking, or UPI.

## Exam Pattern

The exam consists of two compulsory papers, Paper 1 and Paper 2, each designed to test candidates' comprehension, reasoning, and analytical ability.

- Mode:** Computer-Based Test (CBT).
- Number of Papers:** Two (Paper 1 and Paper 2).
- Duration:** 3 hours per paper.
- Subjects:** Physics, Chemistry, and Mathematics.

- Question Types:**
  - Multiple-Choice Questions (MCQs).
  - Numerical-Based Questions.
  - Match the Following.
- Marking Scheme:**
  - Full, partial, and negative marking (specific details are disclosed in the instructions of each question).

## Exam Syllabus

### Physics

- **General Physics:** Dimensional analysis, error analysis, vectors.
- **Mechanics:** Kinematics, laws of motion, work-energy theorem, circular motion, rotation, gravitation.
- **Thermodynamics:** Laws of thermodynamics, kinetic theory of gases, heat transfer.
- **Electricity and Magnetism:** Electrostatics, current electricity, magnetic effects of current, electromagnetic induction.
- **Optics:** Wave optics, reflection, refraction, interference, diffraction.
- **Modern Physics:** Photoelectric effect, atomic structure, nuclear physics.

### Chemistry

- **Physical Chemistry:**
  - Mole concept, stoichiometry, atomic structure.
  - Thermodynamics, equilibrium, electrochemistry, kinetics.
- **Inorganic Chemistry:**
  - Periodic table, chemical bonding, coordination compounds.
  - Hydrogen, s-, p-, d-, and f-block elements.
- **Organic Chemistry:**
  - Hydrocarbons, alcohols, aldehydes, ketones.
  - Biomolecules, polymers, aromatic compounds.
  - General organic chemistry mechanisms and stereochemistry.

### Mathematics

- **Algebra:** Quadratic equations, sequences, series, complex numbers, matrices, and determinants.
- **Calculus:** Limits, continuity, differentiability, integration, differential equations.
- **Trigonometry:** Identities, equations, inverse trigonometric functions.
- **Coordinate Geometry:** Straight lines, circles, parabolas, ellipses, and hyperbolas.
- **Vectors and 3D Geometry:** Vector operations, scalar triple product, direction cosines.

- **Probability and Statistics:** Mean, variance, probability theorems.

## Chapterwise Weightage

### Physics

Chapter	Approx. Weightage (%)
Mechanics	20%
Electrodynamics	18%
Thermodynamics	10%
Optics	10%
Modern Physics	12%
Waves and Oscillations	8%

### Chemistry

Chapter	Approx. Weightage (%)
Physical Chemistry	35%
Organic Chemistry	30%
Inorganic Chemistry	35%

### Mathematics

Chapter	Approx. Weightage (%)
Algebra	25%
Calculus	30%
Coordinate Geometry	20%

Trigonometry	10%
Vectors and 3D Geometry	15%

## Admit Card

The admit card is a crucial document for appearing in the exam.

### Steps to Download:

1. Visit the official JEE Advanced website.
2. Click on the “Download Admit Card” link.
3. Log in using your registration number, date of birth, and password.
4. View and verify the details.
5. Download and print the admit card for future use.

### Details Included:

- Candidate’s Name and Roll Number.
- Exam Date and Time.
- Exam Centre Address.
- Photograph and Signature.
- Instructions for Exam Day.

## Exam Centres

JEE Advanced is conducted in several cities across India and select international locations. During registration, candidates can select **three exam cities** in order of preference.

### Major Exam Cities in India

- Delhi, Mumbai, Bengaluru, Kolkata, Chennai, Hyderabad, Pune, Ahmedabad.
- Other regional centers such as Jaipur, Chandigarh, Lucknow, Bhubaneswar, and Guwahati.

### International Centres (Tentative):

- Dhaka, Kathmandu, Singapore, Dubai.

## Exam Day Guidelines

1. **Arrival at the Centre:**

- Reach at least 1 hour before the exam starts.
  - Late entries are not permitted after the gate closes.
2. **Documents to Carry:**
- Printed admit card.
  - Valid photo ID (Aadhaar, Passport, Voter ID, etc.).
  - A transparent water bottle and necessary medications, if applicable.
3. **Prohibited Items:**
- Electronic devices like mobile phones, calculators, and smartwatches.
  - Paper, books, and rough sheets (writing material will be provided).
4. **Dress Code:**
- Wear simple clothing without accessories or metallic items.
5. **Seating and Instructions:**
- Locate your designated seat as per the seating plan.
  - Listen carefully to invigilator instructions and fill in your details on the answer sheet correctly.
6. **During the Exam:**
- Follow the guidelines for answering questions.
  - Avoid any form of malpractice as it may lead to disqualification.

## Result

### Steps to Download the Result:

1. Visit the official JEE Advanced website.
2. Click on the “JEE Advanced 2026 Result” link on the homepage.
3. Enter your **Roll Number**, **Date of Birth**, and **Security Pin** (if required).
4. Click on “Submit” to view your result.
5. The result will display your **AIR (All India Rank)**, subject-wise scores, and total score.
6. Download and print the scorecard for future use.

### Reservation Criteria for JEE Advanced 2026

The following reservation criteria apply for admission into IITs:

Category	Reservation (%)
General-EWS	10%

OBC-NCL	27%
SC	15%
ST	7.5%
PwD (all categories)	5% (Horizontal)

## Counselling

The counselling process is managed by **Joint Seat Allocation Authority (JoSAA)** for admission to IITs, NITs, IIITs, and other GFTIs.

### Key Steps in Counselling:

1. **Registration:** Log in to the JoSAA portal using your JEE Advanced credentials and register for counselling.
2. **Choice Filling and Locking:** Select your preferred colleges and programs in order of priority and lock your choices.
3. **Seat Allotment:** Based on your rank, preferences, and category, seats will be allotted in multiple rounds.
4. **Document Verification:** Attend the designated center for document verification.
5. **Fee Payment:** Pay the seat acceptance fee to confirm your admission.
6. **Reporting to the Allotted Institute:** Report to the allotted IIT with the necessary documents and complete admission formalities.

## Preparation Tips

1. **Understand the Syllabus:** Cover all topics in Physics, Chemistry, and Mathematics thoroughly. Prioritize high-weightage chapters.
2. **Create a Study Plan:** Divide your preparation time between learning concepts, solving problems, and revising.
3. **Practice Mock Tests:** Simulate exam conditions to improve speed and accuracy.
4. **Analyze Previous Year Papers:** Understand question trends, difficulty levels, and recurring concepts.
5. **Focus on Weak Areas:** Spend extra time strengthening topics you find challenging.

6. **Time Management:** Allocate specific time for each subject and avoid overburdening any single topic.
7. **Stay Consistent:** Regular practice and revision are key to excelling in JEE Advanced.
8. **Take Care of Your Health:** Ensure proper rest, nutrition, and mental relaxation during your preparation.

## Top IIT Colleges in India

Below is a list of the top IITs based on their academic excellence, infrastructure, and placements:

Rank	IIT College	Location
1	IIT Bombay	Mumbai
2	IIT Delhi	New Delhi
3	IIT Madras	Chennai
4	IIT Kanpur	Kanpur
5	IIT Kharagpur	Kharagpur
6	IIT Roorkee	Roorkee
7	IIT Guwahati	Guwahati
8	IIT Hyderabad	Hyderabad
9	IIT Varanasi (BHU)	Varanasi
10	IIT Indore	Indore

These institutes are renowned for their state-of-the-art facilities, world-class faculty, and excellent placement records.