INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

BTech Admission & Application Process 2027

Official Guide to Programmes, Eligibility Criteria, JEE Advanced 2027, JoSAA Counselling & Onboarding

Admission to the four-year Bachelor of Technology (BTech) and five-year Dual Degree (BTech + MTech) programmes at the IIT Bombay takes place once a year in July. As per the official IIT Bombay Academic Office (acad.iitb.ac.in), admissions are governed strictly by All India Ranks secured in the JEE (Advanced), followed by centralised seat allocation through the Joint Seat Allocation Authority (JoSAA), along with a limited intake route through the Indian National Mathematical Olympiad (INMO) for select programmes.

1. IIT Bombay BTech Admissions 2027: Key Highlights

Particulars	Official Details
Institute	Indian Institute of Technology Bombay (IIT Bombay), Powai, Mumbai
Programmes Offered	4-Year BTech & 5-Year Dual Degree (BTech + MTech)
Admission Intake Cycle	Once a year (Autumn Semester, commencing in July 2027)
Primary Entrance Route	JEE (Main) 2027 -> JEE (Advanced) 2027 -> JoSAA Counselling 2027
Alternate Admission Route	Indian National Mathematical Olympiad (INMO) for select programmes
JEE Advanced 2027 Exam Date	Sunday, May 23, 2027 (Organising Institute: IIT Delhi)
Official Websites	acad.iitb.ac.in | jeeadv.ac.in | josaa.nic.in | portal.iitb.ac.in/asc

2. B.Tech & Dual Degree Programmes at IIT Bombay

IIT Bombay offers four-year B.Tech. degrees as well as five-year Dual Degree (BTech + MTech) options across major engineering and interdisciplinary departments. Recently updated undergraduate curricula integrate hands-on maker space courses, early exposure to data science and artificial intelligence, minor programme options, and flexible electives within and outside the parent department.

Department / Academic Unit	Degree Tracks Offered	Duration
Aerospace Engineering	BTech	4 Years
Chemical Engineering	BTech	4 Years
Civil Engineering	BTech	4 Years
Computer Science and Engineering	BTech	4 Years
Electrical Engineering	BTech | Dual Degree (BTech + MTech)	4 Years / 5 Years

Department / Academic Unit	Degree Tracks Offered	Duration
Energy Science and Engineering	BTech	4 Years
Engineering Physics	BTech	4 Years
Environmental Science and Engineering	BTech	4 Years
Industrial Engineering & Operations Research (IEOR)	BTech	4 Years
Mechanical Engineering	BTech | Dual Degree (BTech + MTech)	4 Years / 5 Years
Metallurgical Engineering & Materials Science (MEMS)	BTech	4 Years

3. Eligibility Criteria for IIT Bombay BTech 2027

To be eligible for admission to IIT Bombay's BTech programmes in 2027, candidates must simultaneously satisfy both the JEE (Advanced) 2027 examination eligibility conditions (published on jeeadv.ac.in) and the Class 12 qualifying board requirements enforced during JoSAA seat allocation.

A. JEE (Advanced) 2027 Five-Point Eligibility Criteria

- **1. JEE (Main) 2027 Performance:** Candidates must rank among the top 2,50,000 successful candidates (across all categories) in the B.E./B.Tech. paper of JEE (Main) 2027. Category-wise shortlisting shares are: OPEN (40.5%), GEN-EWS (10%), OBC-NCL (27%), SC (15%), and ST (7.5%), with 5% horizontal reservation for PwD within each category.
- **2. Age Limit:** Candidates must have been born on or after October 1, 2002. A five-year age relaxation is provided to SC, ST, and PwD candidates, who must have been born on or after October 1, 1997.
- **3. Number of Attempts:** A candidate can attempt JEE (Advanced) a maximum of two times in two consecutive years.
- **4. Class XII (or Equivalent) Appearance Year & Subjects:** Candidates must have appeared for their Class XII (or equivalent) examination for the first time in either 2026 or 2027 with Physics, Chemistry, and Mathematics as compulsory subjects. (An exception applies to candidates whose board declared 2024–25 results on or after June 12, 2025.)
- **5. No Earlier Admission at an IIT:** Candidates who have already been admitted to an IIT/IISc under any academic programme covered by JoSAA rules are not eligible, regardless of whether they continued in the programme. Exceptions apply only to candidates admitted to an IIT preparatory programme for the first time in 2026, or those who did not report online, withdrew, or had their seat cancelled before the final round of IIT seat allotment.

B. Class XII Marks / Top 20 Percentile Requirement for IIT Admission

Candidate Category	Minimum Class 12 Aggregate Requirement (or Board Percentile)
OPEN / GEN-EWS / OBC-NCL	At least 75% aggregate marks in Class 12 (or equivalent) OR within the category-wise Top 20 percentile of the respective examination board.

Candidate Category	Minimum Class 12 Aggregate Requirement (or Board Percentile)
SC / ST / PwD	At least 65% aggregate marks in Class 12 (or equivalent) OR within the category-wise Top 20 percentile of the respective examination board.

4. Step-by-Step B.Tech Application & Admission Process 2027

IIT Bombay does not conduct a separate entrance test or independent counselling portal for B.Tech. admissions. Candidates must complete the following sequential stages:

Stage 1: Appear for JEE (Main) 2027 (NTA)

- **Online Registration:** Register on the official NTA JEE Main portal (jeemain.nta.nic.in) for Session 1 (January 2027) and/or Session 2 (April 2027). Upload photograph, signature, and category/PwD certificates, and pay the examination fee.
- **Shortlisting:** Qualify among the top 2,50,000 candidates in Paper 1 (BE/BTech) as per category-wise cutoffs to unlock JEE (Advanced) 2027 registration.

Stage 2: Register & Appear for JEE (Advanced) 2027

- **Application Submission:** Log in to the official JEE (Advanced) 2027 portal (jeeadv.ac.in) during the registration window (expected in April–May 2027), verify eligibility details, upload required certificates (Class 10 birth proof, Class 12 certificate/admit card, category/PwD certificates), and pay the registration fee.
- **Examination:** Appear for both Paper 1 and Paper 2 of JEE (Advanced) 2027 on Sunday, May 23, 2027. Candidates must appear in both papers to be considered for the Common Rank List (CRL) and category rank lists.

Stage 3: JoSAA 2027 Registration, Choice Filling & Seat Allotment

- **Portal Registration:** After JEE (Advanced) 2027 results are declared (June 2027), register on the Joint Seat Allocation Authority portal (josaa.nic.in) using your JEE credentials.
- **Choice Filling & Locking:** Select and arrange IIT Bombay B.Tech. and Dual Degree programmes in order of preference and lock choices before the deadline.
- **Seat Allotment & Acceptance:** JoSAA conducts multiple rounds of seat allotment. Candidates allotted a seat at IIT Bombay must select Freeze, Float, or Slide, upload documents for online verification, and pay the JoSAA Seat Acceptance Fee.

Stage 4: IIT Bombay ASC Portal Onboarding & Campus Reporting

Once seat allotment is finalized through JoSAA, IIT Bombay sends a welcome email to new entrants with their IITB Roll Number, IT login credentials, and hostel room details. As per IIT Bombay Academic Office guidelines, incoming B.Tech. students must complete the following steps:

- **1. Log in to the ASC Portal:** Access https://portal.iitb.ac.in/asc using your JEE (Advanced) Roll Number as username and Date of Birth (ddmmyyyy) as password.
- **2. Personal Information & APAAR ID:** Fill in personal details, accept online declarations, create an Automated Permanent Academic Account Registry (APAAR) ID, and upload it on the ASC portal.

- **3. Pay Semester Mess Advance (SMA) & Balance Institute Fees:** Pay the mandatory Semester Mess Advance (SMA) via the ASC portal once the roll number is generated, and remit remaining semester academic/hostel fees as per the fee circular.
- **4. Print Pre-Filled Forms:** Download and print pre-filled forms from the ASC portal (Student & Parent Declaration Form, Hostel Registration Form, Medical File Record, and Anti-Ragging Form) and affix photographs.
- **5. Physical Reporting, Orientation & Verification:** Report to the IIT Bombay Powai campus in July 2027 for hostel check-in, original certificate verification, biometric verification, medical record verification at IITB Hospital, ID card generation, and orientation.

6. Checklist of Documents Required for IIT Bombay Reporting

Candidates must upload valid scanned copies during JoSAA online reporting and carry original documents along with self-attested photocopies when reporting physically to IIT Bombay:

- **JoSAA & Exam Records:** Printout of the JoSAA Seat Allotment Letter / Offer Letter, JEE (Advanced) 2027 Admit Card, and JEE (Advanced) 2027 Score Card.
- **Academic & Identity Proofs:** Class X (SSC) mark sheet/certificate or birth certificate (proof of date of birth), Class XII (or equivalent) mark sheet and passing certificate, and Aadhaar Card / valid ID.
- **Category & Income Certificates (if applicable):** Valid SC/ST certificate, OBC-NCL or GEN-EWS certificate (issued on or after April 1, 2027, for the 2027–28 cycle), PwD / UDID certificate (and scribe/writing difficulty certificate if applicable), DS certificate, or OCI/PIO/Passport documents for foreign nationals. Parental income certificate (issued on or after April 1, 2027) if applying for fee remission/scholarship.
- **Medical & Institute Forms:** Medical Certificate in the prescribed JoSAA format, childhood immunisation records (MMR, Chicken Pox, Typhoid, Hepatitis A recommended), and ASC pre-filled forms (Student & Parent Declaration, Hostel Registration Form, Medical File Record, Anti-Ragging Form) plus Visitor Pass.

> **Important Official Note for 2027 Applicants**
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> • Direct departmental or institutional applications are NOT accepted for B.Tech. programmes at IIT Bombay; all seats are filled via JEE (Advanced) + JoSAA (and INMO where applicable).
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> • Official dates for JEE (Advanced) 2027 registration, JoSAA 2027 rounds, and IIT Bombay UG New Entrants reporting are updated periodically on jeeadv.ac.in, josaa.nic.in, and acad.iitb.ac.in/admissions/bachelors.