



## GRADUATE APTITUDE TEST IN ENGINEERING 2024

अभियांत्रिकी स्नातक अभिक्षमता परीक्षा २०२४

ORGANISING INSTITUTE: INDIAN INSTITUTE OF SCIENCE, BENGALURU

Graduate Aptitude Test in Engineering (GATE) is a national-level examination that primarily tests the comprehensive understanding of various undergraduate subjects in Engineering, Technology, Science, Architecture and Humanities. GATE 2024 will be a computer-based test (CBT) and is being organized by Indian Institute of Science (IISc), Bengaluru. The examination will be conducted by IISc Bengaluru and seven IITs (IIT Bombay, IIT Delhi, IIT Guwahati, IIT Kanpur, IIT Kharagpur, IIT Madras, and IIT Roorkee), on behalf of the National Coordination Board - GATE, Department of Higher Education, Ministry of Education (MoE), Government of India (GoI).

GATE 2024 Examination will be conducted at specific centres in selected cities and towns in India as listed on GATE 2024 website. GATE 2024 score will remain valid for **three years** from the date of announcement of results.

**EXAMINATION DATES: February 3, 4, 10, & 11, 2024**

### DATES FOR ONLINE REGISTRATION

#### Regular Period

Opening date: August 24, 2023

Closing date: September 29, 2023

#### Extended Period

Closing date with late fee: October 13, 2023

### APPLICATION FEES (per paper)

GENDER/CATEGORY	REGULAR PERIOD	EXTENDED PERIOD
FEMALE/SC/ST/PwD	900/-	1400/-
OTHER CANDIDATES	1800/-	2300/-

**ANNOUNCEMENT OF RESULTS: March 16, 2024**

Dates mentioned are liable to change.

For two papers, the fee payable is twice that of a single paper.



IISc Bengaluru



IIT Bombay



IIT Delhi



IIT Guwahati



IIT Kanpur



IIT Kharagpur



IIT Madras



IIT Roorkee

## GATE 2024 TEST PAPERS

AE : Aerospace Engineering  
AG : Agricultural Engineering  
AR : Architecture and Planning  
BM : Biomedical Engineering  
BT : Biotechnology  
CE : Civil Engineering  
CH : Chemical Engineering  
CS : Computer Science & Information Technology  
CY : Chemistry  
DA : Data Science & Artificial Intelligence (NEW)  
EC : Electronics & Communication Engineering  
EE : Electrical Engineering  
ES : Environmental Science & Engineering  
EY : Ecology and Evolution  
GE : Geomatics Engineering

GG : Geology & Geophysics  
IN : Instrumentation Engineering  
MA : Mathematics  
ME : Mechanical Engineering  
MN : Mining Engineering  
MT : Metallurgical Engineering  
NM : Naval Architecture & Marine Engineering  
PE : Petroleum Engineering  
PH : Physics  
PI : Production & Industrial Engineering  
ST : Statistics  
TF : Textile Engineering & Fibre Science  
XE : Engineering Sciences  
XH : Humanities & Social Sciences  
XL : Life Sciences

### XE Paper Sections

Engineering Mathematics (Compulsory); Fluid Mechanics/Materials Science/Solid Mechanics/ Thermodynamics/Polymer Science and Engineering/Food Technology/Atmospheric and Oceanic Sciences

### XH Paper Sections

Reasoning and Comprehension (Compulsory); Economics/English/Linguistics/Philosophy/ Psychology/Sociology

### XL Paper Sections

Chemistry (Compulsory); Biochemistry/Botany/ Microbiology/Zoology/Food Technology

The test papers will be in English. Candidates have the option to appear for either one or two papers. Those who select the two-paper option must choose from the pre-approved list of combinations. Additional two-paper combinations may be introduced at a later date, contingent upon the availability of infrastructure and scheduling feasibility.

## ELIGIBILITY & OPPORTUNITIES

A candidate who is currently studying in third or higher years of any undergraduate degree program or has already completed any government approved degree program in Engineering/ Technology/Science/Architecture/Humanities, is eligible to appear for GATE 2024. Qualified GATE score can be used for seeking admission and/or financial assistance to: (i) Master's programs and direct Doctoral programs in Engineering/Technology/Science/Architecture/ Humanities; and (ii) Doctoral programs in relevant branches of Engineering/Science/ Humanities in institutions supported by the Ministry of Education (MoE) and other Government agencies, subject to fulfilling the admission criteria of the admitting institutes. GATE score may also be used by some colleges and institutions for admitting students without MoE scholarship or assistantship. Further, many Public Sector Undertakings (PSUs) have been using GATE score for recruitment.

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**Disclaimer:** Qualifying in GATE does NOT guarantee admission, scholarship or a job. Admission to any institute is fully dependent on the admitting institute's criteria for educational qualification. GATE qualification does not assure a Public Sector Undertaking (PSU) job. No responsibility is assumed for admission, scholarship or a job.



**FOR MORE DETAILS  
& UPDATES, VISIT**  
<https://gate2024.iisc.ac.in>

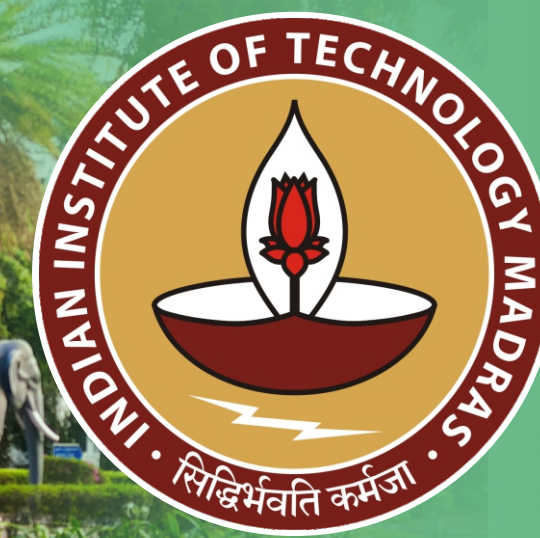




# JAM 2024

Joint Admission test for Masters

स्नातकोत्तर उपाधि हेतु संयुक्त प्रवेश परीक्षा



Organizing Institute  
IIT Madras

## About JAM 2024

The **Joint Admission test for Masters (JAM)** is conducted to provide admissions to (i) M.Sc., (ii) M.Sc. (Tech.), (iii) MS (Research), (iv) M.Sc. – M.Tech. Dual Degree, (v) Joint M.Sc. – Ph.D., and (vi) M.Sc. – Ph.D. Dual Degree, at the IITs for taking up science as a career option for the students.

- It is a Computer Based Test in **SEVEN** Test Papers at the undergraduate level.
- Test Papers consists of (i) Multiple Choice Questions (MCQ), (ii) Multiple Select Questions (MSQ), and (iii) Numerical Answer Type (NAT) Questions.
- Candidates may appear in ONE or TWO Test Papers. For two test papers, the second paper must be carefully selected to avoid session clash.
- Candidates in merit list are eligible for admission to around 3000 seats in various postgraduate programmes at IITs.

## Who can Apply?

- Candidates who have completed an undergraduate degree or currently studying in the final year of undergraduate programme are eligible to apply for JAM 2024 examination.
- Foreign Nationals with Indian degree are eligible to apply, subject to the policy of the Admitting Institute.

## Who is Eligible for Admission?

- Candidates who qualify in JAM 2024 will be eligible to apply for admission to the Academic programmes of the Admitting Institutes subject to satisfying the Eligibility Requirements (ERs) and Minimum Educational Qualifications (MEQs).
- Details on ERs and MEQs are available on JAM 2024 website.
- Admission shall be given as per merit, reservation policy of Government of India, and the availability of seats.

### Note:

- Qualifying in JAM 2024 does not guarantee admission to postgraduate programmes or any scholarship/ financial assistance.
- JAM 2024 Score is also likely to be used by IISc Bengaluru, IISERs, IIPE, JNCASR, and CFTIs such as NITs, IIST Shibpur, SLIET, DIAT and CCMN.

## Where?

Zones	Probable Cities
<b>1. IISc Bengaluru</b> jam@iisc.ac.in +91 80 2293 2392	Belagavi (Belgaum), Bengaluru, Bidar, Gulbarga (Kalaburagi), Hassan, Hubballi, Hyderabad, Kannur, Kozhikode, Mangaluru, Mysuru (Mysore), Palakkad, Port Blair, Shimoga, Thrissur, Vatakara
<b>2. IIT Bombay</b> jam@iitb.ac.in +91 22 2576 7068	Ahmedabad, Ahmednagar, Akola, Amravati, Aurangabad, Goa, Jalgaon, Kolhapur, Mumbai-Navi Mumbai - Thane, Nagpur, Nanded, Nashik, Pune, Rajkot, Sangli, Satara, Solapur, Surat, Vadodara
<b>3. IIT Delhi</b> jam@admin.iitd.ac.in +91 11 2659 1749	Faridabad, Greater NOIDA, Gurugram, Hisar, Indore, Jaipur, Jammu, Jodhpur, Mathura, New Delhi, Srinagar
<b>4. IIT Guwahati</b> jam@iitg.ac.in +91 361 258 2751	Agartala, Asansol-Durgapur, Dhanbad, Dibrugarh, Dimapur-Kohima, Guwahati, Imphal, Jorhat, Kalyani, Patna, Shillong, Siliguri
<b>5. IIT Kanpur</b> jam@iitk.ac.in +91 512 679 7412	Agra, Aligarh, Bareilly, Bhopal, Gorakhpur, Jabalpur, Kanpur, Lucknow, Prayagraj (Allahabad), Varanasi
<b>6. IIT Kharagpur</b> jam@adm.iitkgp.ac.in +91 3222 282 091	Bhubaneswar, Bilaspur, Brahmapur (Odisha), Kolaghat, Kolkata, Midnapore, Raipur, Ranchi, Vijayawada, Visakhapatnam
<b>7. IIT Madras</b> jam@iitm.ac.in +91 44 2257 8200	Alappuzha, Chennai, Coimbatore, Ernakulam, Guntur, Karimnagar, Khammam, Kollam, Kottayam, Madurai, Ongole, Puducherry, Salem, Thiruvananthapuram, Tiruchirappalli, Tirunelveli, Tirupati, Warangal
<b>8. IIT Roorkee</b> jam@iitr.ac.in +91 1332 284 531	Ambala, Dehradun, Ghaziabad, Haldwani, Jalandhar, Kangra, Kurukshetra, Meerut, Mohali-Chandigarh, Moradabad, NOIDA, Patiala, Roorkee, Shimla-Solan

## When?

Examination Date: Sunday, 11<sup>th</sup> February, 2024

<b>Forenoon (FN)</b>	Chemistry (CY), Geology (GG), Mathematics (MA)
<b>Afternoon (AN)</b>	Biotechnology (BT), Economics (EN), Mathematical Statistics (MS), Physics (PH)

Result Declaration: Sunday, 24<sup>th</sup> March, 2024

## Online Application

Registration opens: Tuesday, 05<sup>th</sup> September, 2023  
Registration closes: Friday, 13<sup>th</sup> October, 2023

## Application Fees

Gender/Category	Fee amount	
	One test paper	Two test papers
Female/SC/ST/PwD*	₹ 900/-	₹ 1,250/-
All others	₹ 1,800/-	₹ 2,500/-

\* PwD: Person with Benchmark Disability

## How to Apply?

For more details, information brochure, and Online Application please visit website  
<https://jam.iitm.ac.in>

