

Further study



Source-checked · reviewed 23 Oct 2026

8 sources cited

M.Tech through GATE

Investigate GATE as a route to M.Tech and direct doctoral study in government-supported institutes, and as a score some public sector employers have used.

At a glance

For you

— Choose a qualification

Choose your degree on the Explore page to see what the sources say for you.

Cost

✓ 2 sourced

The GATE 2027 brochure lists an application fee per paper of Rs 1,000 (regular period) or Rs 1,500 (extended period) for female...

Stipend

✓ 4 statements

AICTE's guideline says its Post Graduate Scholarship is Rs 12,400 per month for full-time GATE/GPAT qualified students admitted...

Timetable

✓ 3 sourced

The same AICTE guideline makes it obligatory for each scholarship holder to do 8 to 10 hours per week of teaching...

Admission

✓ 9 sourced

The GATE 2027 brochure says a student currently in the third or higher year of an undergraduate degree, or one who has completed...

Checked 23 Oct 2026 · 8 sources · next review 20 Nov 2026



Cost, pay and hours

As sourced

1

Extra cost**2 sourced**

- The GATE 2027 brochure lists an application fee per paper of Rs 1,000 (regular period) or Rs 1,500 (extended period) for female, SC, ST and PwD candidates, and Rs 2,000 or Rs 2,500 for other candidates.
- For two papers the fee is twice that of a single paper.

Basis:

Indian rupees GATE 2027 application fee per paper

Excludes service charges, coaching, books and later M.Tech fees

Scope:

- The 2027 registration windows have closed.
- Service and bank charges are extra.
- The website's fee page, marked "to be updated soon", lists different extended-period two-paper amounts; the brochure was used.
- Coaching, books and later M.Tech tuition are not covered.

IIT Madras's 2026-27 M.Tech fee structure for Indian nationals lists a semester tuition fee of Rs 25000 and a payable total of Rs 66402 for General/OBC/EWS (Rs 41402 for SC/ST/PwD, who are exempt from tuition) at admission.

Basis:

Indian rupees Per semester (tuition) First-semester total

Tuition, enrolment, medical, seat rent, extra-curricular, student wellness, one-time fees, insurance premium and caution deposit

Excludes hostel and mess

Scope:

- IIT Madras, M.Tech, Indian nationals, 2026 admission batch.
- Sponsored candidates pay an additional Rs 50,000 per semester tuition.

Note:

- One institution only. Hostel and mess are separate.
- Does not say a GATE candidate is admitted or funded.

2 Pay

4 sourced

- AICTE's guideline says its Post Graduate Scholarship is Rs 12,400 per month for full-time GATE/GPAT qualified students admitted to AICTE approved M.E./M.Tech/M.Arch/M.Pharm programmes
- It is tenable for 24 months or the course duration, whichever is lower.

Basis:

Indian rupees	Per month	AICTE PG scholarship for GATE/GPAT qualified full-time students
---------------	-----------	---

Scope:

- AICTE approved institutions and university departments
- The student must be admitted with a valid GATE/GPAT score and must not receive any other emolument.

Note:

- Not available to foreign, sponsored or management-quota students.
- The rate can change by ministry notification.
- Not a salary and not pay after M.Tech. Excludes Contingency, library or salary grants (item 12)
- Students with other stipends or salary.

The GATE 2027 website says financial assistance to M.Tech students is Rs 12,400 per month, generally paid for 22 months, and for direct Ph.D. after B.E./B.Tech with a valid GATE score Rs 37,000 per month for the first two years and Rs 42,000 per month from the third to the fifth year.

Basis:

Indian rupees	Per month	Financial assistance for M.Tech and direct Ph.D. students
---------------	-----------	---

Scope:

- Students admitted to centrally funded institutions with assistance
- The Ph.D. figures follow Ministry of Finance OM No. 33(14)/PFC-II/2018 dated 21 June 2023.

Note:

- 'Generally 22 months' conflicts with AICTE's 'tenable for 24 months or the course duration, whichever is lower' on the same site
- The profile should say which it follows. Not a salary.
- Excludes Institutional fees; students admitted without MoE assistance.

The Ministry of Finance OM of 21 June 2023 sets Junior Research Fellow emoluments at Rs 37000 and Senior Research Fellow at Rs 42000 per month from 1 January 2023.

Basis:

Indian rupees Per month Revised emoluments w.e.f. 01.01.2023

Scope:

- Research personnel in R&D programmes of Central Government departments
- This is the OM the GATE site cites for the direct Ph.D. figures.

Note:

- The OM does not mention GATE or direct Ph.D. students; the link is made by the GATE website.
- Excludes Allowances not shown in the table.

POWERGRID's advertisement for Engineer Trainee-2027 through GATE-2027 places selected candidates in the pay scale Rs 40,000-3%-1,40,000 (IDA) during the one-year training with basic pay Rs 40,000, then absorbs them as Engineer in E2 scale Rs 50,000-3%-1,60,000 (IDA).

Basis:

Indian rupees Per month (scale) Pay scale during training and on absorption as E2

Scope:

- POWERGRID Advt. No. CC/03/2026 dated 24.09.2026
- Applies to Engineer Trainees (Electrical, Civil, Computer Science, Electronics) recruited through GATE 2027.

Note:

- The advertisement states an approximate CTC of Rs 11.00 lakhs during training and Rs 22.50 lakhs after training, varying with posting location
- Those figures are the employer's, not a market salary.
- A separate detailed notification with vacancies follows in March/April 2027.
- Excludes CTC figures vary with location; service bond of Rs 5,00,000 or Rs 2,50,000 applies.

3 Timetable & attendance

3 sourced

The same AICTE guideline makes it obligatory for each scholarship holder to do 8 to 10 hours per week of teaching- and research-related work assigned by the institute.

Scope:

AICTE PG scholarship holders.

Note:

Does not describe the hours of an employee; it describes an obligation attached to the scholarship.

NTPC's advertisement says incumbents would be posted at projects/stations for shift operation of power plants and be required to work in shifts including night shifts, and that applying counts as consent.

Scope:

NTPC Engineering Executive Trainees, Advt. 14/24 (GATE 2025 cycle).

Note:

Not every NTPC engineering post works shifts; the placement is decided after one year of training.

- POWERGRID's advertisement says postings are largely at on-site locations across the country with job rotation
- It names remote and climatically challenging locations in several states.

Scope:

POWERGRID Engineer Trainees 2027.

Note:

States no shift pattern or weekly hours.



Reality check

From the sources



The work

Not established. The cited pages describe the exam and admission, not what an M.Tech graduate does.



Entry requirements

- The GATE 2027 brochure says a student in the third year or higher of an undergraduate degree, or a graduate, in engineering, technology, architecture, science, commerce, arts or humanities, can sit GATE. It states no age limit.
- Admission to an M.Tech programme is then decided by each admitting institute.



Trade-offs to consider

- Qualifying in GATE does not guarantee admission, a scholarship or a job.
- For students admitted with financial assistance, institutes must give GATE at least 70% weightage.

- Pay after M.Tech is not established here.



Skills & employers

From the sources

Skills to investigate

Engineering fundamentals

Exam preparation

Programme research

Institutions named in sources



IIT Madras, Academic Section (Courses)



Power Grid Corporation of India Limited



NTPC Limited



Coal India Limited

Examples in cited pages, not a hiring list.

Study or credential needed

- GATE 2027 names B.E./B.Tech. as an eligible degree: a candidate currently in the third year or higher, or who has completed it, can appear
- There is no age limit and the score is valid for three years from the result announcement.

Scope:

- GATE 2027 (examination 6-7, 13-14 and 20-21 February 2027)
- Results 19 March 2027, dates liable to change).

Note:

- The brochure does not state a limit on the number of attempts (and does not say there is none).
- Eligibility to sit is not eligibility for admission or a PSU.



How admission works

9 sourced

- The GATE 2027 brochure says a student currently in the third or higher year of an undergraduate degree, or one who has completed a UGC/AICTE-approved degree in engineering, technology, architecture, science, commerce, arts or humanities, is eligible to sit GATE 2027, and that there is no age limit.
- A score stays valid for three years from the results announcement.

Source: IIT Madras, for the GATE 2027 National Coordination Board ↗

Scope:

- Eligibility to sit the exam is not admission: admitting institutes set their own requirements.
- The brochure lists further eligible groups (for example some professional degrees), which are not repeated here.
- Number of attempts: no limit was found in the text read.

-
- The GATE brochure says admission is made by the admitting institute, based on GATE alone or with a test, interview or academic record, and that Ministry of Education guidelines prescribe a minimum of 70% weightage to GATE performance for students admitted with financial assistance.
 - It states that qualifying GATE does not guarantee admission, scholarship or a job.

Source: IIT Madras, for the GATE 2027 National Coordination Board ↗

Scope:

- Applies to centrally funded institutes admitting with assistance.
- Other colleges, including state institutes, set their own rules, which were not read.

The GATE 2027 brochure says several public sector undertakings have used GATE scores in recruitment, names past users such as BHEL, Coal India and Indian Oil, and states that GATE qualification does not assure a PSU job because it depends on each PSU's recruitment procedure.

Source: IIT Madras, for the GATE 2027 National Coordination Board ↗

Scope:

- Past use only; the list is not exhaustive and not a promise about any future year.
- No vacancies, eligibility rules or pay for any PSU are established here.

- POWERGRID invited Engineer Trainee applications through GATE 2027 (Electrical, Civil, Computer Science, Electronics)
- Its application window is tentatively March/April 2027.

Source: Power Grid Corporation of India Limited ↗

Scope:

POWERGRID Advt. CC/03/2026 dated 24.09.2026.

Not established:

Vacancy numbers and selection process are to be notified later.

NTPC announced Engineering Executive Trainees-2027 through GATE-2027 in Civil, Mechanical, Electrical, Electronics, Instrumentation and Computer Science and Information Technology, and said only GATE-2027 marks will be accepted.

Source: NTPC Limited ↗

Scope:

NTPC Advt. 11/26 (posted 14 August 2026).

Not established:

- A detailed advertisement with the application period will follow
- This one gives no pay, age or percentage.

- Coal India Limited announced recruitment of Management Trainees based on GATE-2027 score for Mining Engineering graduates
- Candidates must appear in the Mining Engineering paper, and the detailed advertisement will be released in 2027.

Source: Coal India Limited ↗

Scope:

Coal India Ltd., Mining Engineering only.

Not established:

- No pay, age or percentage is stated in this short advertisement.
- Not a statement about other disciplines.

The GATE brochure lists PSUs that have used GATE scores in recruitment, including AAI, BHEL, BSNL, Coal India, GAIL, Indian Oil, NTPC, ONGC, POWERGRID and SAIL, and says Group-A posts in the Cabinet Secretariat (for example Senior Field Officer (Tele)) are recruited on GATE score.

Source: IIT Madras, for the GATE 2027 National Coordination Board ↗

Scope:

GATE 2027 brochure, past use only.

Not established:

Past use; a listed PSU may not recruit through GATE 2027.

GATE 2027 names B.E./B.Tech. (a Bachelor's degree in Engineering or Technology) as eligible, for third-year students or graduates.

Names: B.Tech

Source: IIT Madras, for the GATE 2027 National Coordination Board ↗

Scope:

GATE 2027.

Not established:

Does not say which branches PSUs accept; each employer lists its own disciplines.

POWERGRID names Full Time B.E./B.Tech/B.Sc (Engg.) as the essential qualification and lists disciplines per post (Electrical, Electronics/Electronics and Communication/Telecommunication, Civil, Computer Science/IT).

Names: B.Tech

Source: Power Grid Corporation of India Limited ↗

Scope:

POWERGRID Advt. CC/03/2026.

Not established:

- Candidates from other disciplines are not eligible, per the ad
- The Corporation reserves the right to consider others.

The work and what comes next

4 sourced

What can come next

The GATE 2027 website states that financial assistance given to M.Tech students is Rs 12,400 per month, generally paid for 22 months.

Source: IIT Madras, for the GATE 2027 National Coordination Board ↗

Scope:

- A scholarship or assistantship paid after admission to a programme in a centrally funded institute
- It is not a salary and not a statement of pay after M.Tech. Institutes can apply their own conditions.

POWERGRID requires selected candidates to sign a service agreement bond: Rs 5,00,000 for General/OBC (NCL)/EWS and Rs 2,50,000 for SC/ST/PwBD candidates, to complete training and serve at least three years.

Source: Power Grid Corporation of India Limited ↗

Scope:

POWERGRID Advt. CC/03/2026.

Not established:

Does not say when the bond is enforced; read the detailed notification due March/April 2027.

The GATE brochure states that qualifying in GATE does not guarantee admission, scholarship or a job.

Source: IIT Madras, for the GATE 2027 National Coordination Board ↗

Scope:

GATE 2027.

Not established:

Does not say how many qualifiers get assistance.

AICTE says foreign, sponsored and management-quota PG students are not eligible for its scholarship, and a student who leaves the course midway must refund the scholarship drawn.

Source: All India Council for Technical Education ↗

Scope:

AICTE PG scholarship.

Not established:

Does not cover assistance schemes of other bodies.

Sources and unanswered questions

- GATE 2027 brochure (revised 17 October 2026) and official website · India · dates and fees are for the 2027 cycle.
- Source checking confirms only the scoped statements on this page, not anyone's individual eligibility.
- Confirm current requirements with the employer or programme.

GATE 2027 Information Brochure (revised 17 October 2026) ↗

IIT Madras, for the GATE 2027 National Coordination Board · accessed 23 Oct 2026

Scope:

- Revised 17 October 2026. Dates are liable to change.
- The GATE website's fee page is marked "to be updated soon" and differs from the brochure for the extended period
- This profile uses the brochure.

Checked by a person; not monitored automatically.

GATE 2027 website (eligibility and opportunities pages) ↗

IIT Madras, for the GATE 2027 National Coordination Board · accessed 23 Oct 2026

Scope:

Pages are not dated. They state the M.Tech assistance figure and the uses of GATE scores.

Checked by a person; not monitored automatically.

Fees Circular for the New Students (UG and PG) of 2026 Batch, Annexures I and II ↗

IIT Madras, Academic Section (Courses) · accessed 24 Oct 2026

Scope:

IIT Madras, B.Tech, Indian nationals, 2026 admission batch (Jul-Nov 2026 semester). One institution only.

Not established:

- Not what other IITs charge. Hostel and mess are in a separate circular.
- The institute reserves the right to revise fees in later semesters.
- Not an estimate of the four-year total.

Checked by a person; not monitored automatically.

Guidelines for PG Grant Scheme for GATE/GPAT Qualified Students (AICTE, hosted on the GATE 2027 website) ↗

All India Council for Technical Education · accessed 24 Oct 2026

Scope:

- AICTE approved institutions and university departments
- The student must be admitted with a valid GATE/GPAT score and must not receive any other emolument.

Not established:

- Not available to foreign, sponsored or management-quota students.
- The rate can change by ministry notification.
- Not a salary and not pay after M.Tech.

Checked by a person; not monitored automatically.

Office Memorandum No. 33(14)/PFC-II/2018, Revision of emoluments for research personnel (JRF/SRF/RA) ↗

Ministry of Finance, Department of Expenditure · accessed 24 Oct 2026

Scope:

- Research personnel in R&D programmes of Central Government departments
- This is the OM the GATE site cites for the direct Ph.D. figures.

Not established:

The OM does not mention GATE or direct Ph.D. students; the link is made by the GATE website.

Checked by a person; not monitored automatically.

Recruitment of Engineer Trainee-2027 through GATE-2027, Advt. No. CC/03/2026 ↗

Power Grid Corporation of India Limited · accessed 24 Oct 2026

Scope:

- POWERGRID Advt. No. CC/03/2026 dated 24.09.2026
- Applies to Engineer Trainees (Electrical, Civil, Computer Science, Electronics) recruited through GATE 2027.

Not established:

- The advertisement states an approximate CTC of Rs 11.00 lakhs during training and Rs 22.50 lakhs after training, varying with posting location
- Those figures are the employer's, not a market salary.
- A separate detailed notification with vacancies follows in March/April 2027.

Checked by a person; not monitored automatically.

NTPC Advertisement No. 11/26, Recruitment of Engineering Executive Trainees-2027 through GATE-2027 (English Ad, on the NTPC recruitment page) ↗

NTPC Limited · accessed 24 Oct 2026

Scope:

NTPC Advt. 11/26 (posted 14 August 2026).

Not established:

- A detailed advertisement with the application period will follow
- This one gives no pay, age or percentage.

Checked by a person; not monitored automatically.

Recruitment of Management Trainees based on GATE-2027 Score, Advertisement No. 06/2026 ↗

Coal India Limited · accessed 24 Oct 2026

Scope:

Coal India Ltd., Mining Engineering only.

Not established:

- No pay, age or percentage is stated in this short advertisement.
- Not a statement about other disciplines.

Checked by a person; not monitored automatically.



Your next step: The 2027 application window has closed. Check the official site for the next cycle's dates and fees.



Open the comparison

Keep reading

A source names these qualifications for this profile: B.Tech

MCA admission (NIMCET and state tests)

B.Tech admission route (JEE Main and JoSAA)

Engineering Services Examination (UPSC)

Software developer or tester, entry level

IT service desk (level 1 support)

Government and public-sector IT posts