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Often every engineering graduate in his/her final year or after completion of engineering stands on the cross – roads and thinks what is the scope after taking GATE exam ?? This leads to many more questions like:

- What are the possible career options after cracking GATE?
- Which PSUs recruit engineers through GATE exam?
- Which are the foreign universities that accept GATE score?
- What are the different govt. jobs available for an engineer through GATE score?
- Which are the other good colleges to pursue M.Tech in India other than IITs/NITs?

To lessen every candidate's worries and efforts, here is a compiled article of various career opportunities, date of commencement of application forms, procedure to apply, salary structure, fee structure of various organisations/institutions open after GATE and much more.

This article is intended to give a comprehensive view of various opportunities through GATE, however the dates, salary structure, fee structure may change depending upon the institution/organisation.

JOBS :
Public Sector Undertakings

PSU NAME	STATUS	SALARY STRUCTURE	Apply Online Through	Tentative Date of Application
Oil & Natural Gas Corporation Limited (ONGC)	Maharatna	Rs. 60,000-1,80,000	https://www.ongcindia.com/wps/wcm/connect/en/career/recruitment-notice/	First week to Fourth week of April 2020
Indian Oil Corporation Limited (IOCL)	Maharatna	Rs.60,000-1,80,000	https://www.iocl.com/PeopleCareers/job.aspx	Second to Last week of March 2020
National Thermal Power Corporation Limited (NTPC)	Maharatna	Rs. 60,000-1,80,000	https://www.ntpc.co.in/en/careers/jobs-at-ntpc	Second week of January to First week of February 2020
Coal India Limited (CIL)	Maharatna	Rs. 60,000-1,80,000	https://www.coalindia.in/en-us/employeecorner/careers.aspx	Yet to be announced
Steel Authority of India (SAIL)	Maharatna	Rs. 60,000-1,80,000	https://www.sailcareers.com/job-openings/?type=all_jobs	Fourth week of May to Second week of June 2020

Bharat Petroleum Corporation Limited (BPCL)	Mahratna	Rs. 60,000-1,80,000	https://www.bharatpetroleum.com/careers/current-openings.aspx	Yet to be announced
Gas Authority of India Limited (GAIL)	Mahratna	Rs. 60,000-1,80,000	https://gailonline.com/hindi/CR-ApplyingGail.html	Second week of February to the second week of March 2020
Neyveli Lignite Corporation Limited(NLC)	Navratna	Rs.20600-3%-46500	https://www.nlcindia.com/new_website/index.htm	Yet to be announced
Hindustan Petroleum Corporation Limited (HPCL)	Navratna	Rs. 60,000-1,80,000	https://www.hindustanpetroleum.com/hpcareers/current_openings	Third week of January to Third week of February 2020
Oil India Limited (OIL)	Navratna	Rs. 60,000-1,80,000	https://www.oil-india.com/Current_openNew.aspx	Yet to be announced
Power Grid Corporation of India Limited (PGCIL)	Navratna	Rs. 60,000 – 1,80,000	https://www.powergridindia.com/job-opportunities-0	Final week of January to Final week of Feb 2020
Hindustan Aeronautics Limited (HAL)	Navratna	Rs.16, 400 – Rs. 40,500.	https://hal-india.co.in/Careers/M_206	Yet to be announced

National Mineral Development Corporation Limited (NMDC)	Navratna	Rs. 40000-3%-140000	https://www.nmdc.co.in/Careers/	Yet to be announced
Power Finance Corporation Limited	Navratna	Rs. 40,000-3%-1,40,000	https://pfcindia.com/Careers	Yet to be announced
National Aluminium Company Limited (NALCO)	Navratna	Rs. 60,000-1,80,000	https://nalcoindia.com/career/	Yet to be announced
Mazagaon Docks Limited (MDL)	Mini-Ratna	Rs. 40,000-1,40,000	https://mazagondock.in/Career-Executives.aspx	Second week of January to First week of Feb 2020
Airport Authority Of India Limited (AAI)	Mini-Ratna	Manager:Rs.60,000-1,80,000 Junior Executive: Rs. 40,000-1,40,000	https://www.aai.aero/en/careers/recruitment	Yet to be announced
Nuclear Power Corporation of India Limited (NPCIL)	Mini-Ratna	Level 10 of the Pay Matrix – 7 th CPC (Rs.56,100/-)	https://npcilcareers.co.in/MainSite/DefaultInfo.aspx?info=Opportunities	Second to Fourth week of April 2020
Mineral Exploration Corporation Limited	Mini-Ratna	Rs. 60,000-1,80,000	https://www.mecl.co.in/Careers.aspx	Yet to be announced

Some other Government Organisations recruiting through GATE Score

PSU NAME	SALARY STRUCTURE	Apply Online Through	Tentative Date of Application
Chenab Valley Power Projects Limited (CVPPL)	E1: 40000-3%-140000 (IDA) After 1 year E2: Rs. 50000-3%-160000 (IDA)	https://www.cvppindia.com/Career.aspx?Openings	First to fourth week of January
Power System Operation Corporation Ltd (POSOCO)	Rs. 60000-180000	https://posoco.in/careers/	After declaration of GATE 2020 results
West Bengal State Electricity Distribution Company Limited (WBSEDCL)	Rs. 15,600 – Rs. 39,100 & Grade Pay Rs. 5,400	https://www.wbsecl.in/irj/go/km/docs/internet/new_website/careers.html	After January 2020
Punjab State Power Corporation Ltd.(PSPCL)	Rs. 16650-39100 + Rs. 5800 Grade Pay.	https://www.pspcl.in/recruitment/	Released in month of September for 2019 recruitment
Delhi Development Authority	Yet to be announced for year 2020		Yet to be notified Released in month of April for 2019 recruitment
Rashtriya Ispat Nigam Limited (Vizag Steel Plant)	Yet to be announced for year 2020		Yet to be notified Released in month of Jan for 2019 recruitment

Admission in Research Institutes through GATE Score:

Organisation Name	Course/Service Description	Admission Procedure	Tentative Date of Application	Pay Scale/Stipend
BARC	Orientation Course for Engineering Graduates and Science Postgraduates (OCES) and DAE Graduate Fellowship Scheme for Engineering Graduates and Physics Postgraduates (DGFS).	<p>Screening will be done on basis of GATE Score or BARC Online exam and selected candidates will be called for interview.</p> <ul style="list-style-type: none"> • Successful completion of the Training Schemes guarantees employment as Scientific Officer „C“ in one of the DAE units. <p>http://barconlineexam.in/</p>	Last week of December	<p>OCES TSOs and DGFS Fellows are paid a stipend of ₹ 35,000 per month during the period of their Training and a onetime book allowance of ₹ 10,000.</p> <p>Appointment in all the units shall be as a Scientific Officer „C“ (SO/C) in the Level 10 - ₹ 56,100 of the 7th Central Pay Commission Pay Matrix.</p>
CSIR	JRF-GATE After 2 years of completion the fellowship	<p>Selection of JRF-GATE is done by CSIR on the basis of GATE Score and personal interview.</p> <p>The total duration of the fellowship is 5 years within which the candidate is expected to complete PhD degree.</p>	After GATE results.	<p>The fellowship amount is INR-25,000/- per month plus HRA during the PhD program. They are also given an additional amount of Rs 20,000 as a contingent grant.</p> <p>After the completion of two years as JRF-GATE, the fellowship may be upgraded to SRF-GATE and the stipend may be increased to INR-28,000/- per month as per the guidelines.</p>

Organisation Name	Course/Service Description	Admission Procedure	Tentative Date of Application	Pay Scale/Stipend
DRDO	<ul style="list-style-type: none"> • Scientist 'B' in Defence Research & Development Organization (DRDO), • Scientist 'B' in Department of Science & Technology (DST) , • Scientist/Engineer 'B' in Aeronautical Development Agency (ADA), Bengaluru, • Executive Engineer in Gallium Arsenide Enabling Technology Centre (GAETEC), Hyderabad 	<p>Category – I : Eligible candidates will be shortlisted for a Descriptive Examination on the basis of valid GATE score in the ratio of 1:25, subject to their GATE score not being below 25% of the GATE score of the first shortlisted candidate. . The final selection of the candidates will be purely on the basis of discipline wise category wise merit of aggregate of 80% weightage of marks in the Descriptive Exam and 20% weightage of marks in Personal Interview.</p> <p>Category – II : All eligible IIT and NIT graduate engineers with min 80% aggregate marks in the EQ degree will be called for a Descriptive Exam. The final selection of the candidates will be purely on the basis of discipline wise category wise merit of aggregate of 80% weightage of GATE score and 20% weightage of marks in Personal Interview.</p>	Mid week to Last week of September	Level-10 (7th CPC) of the Pay Matrix (Rs.56,100/-). Total emoluments (inclusive of HRA and all other allowances) at the time of joining will be approximately Rs. 80,000/- p.m. at the present metro city rate.

Admission in Master's Course from INDIAN INSTITUTE OF TECHNOLOGY (IIT) through GATE Score:

College	Course Description	Admission Procedure	Tentative Date of Application
IISc Bangalore	M.Tech, M.Tech(Research), M.Des, PhD	Weightage will be 70% for GATE score and 30% for the written test/interview. GATE Score > 850-900 will be considered a good score https://www.iisc.ac.in/admissions/m-tech-m-des/#ffs-tabbed-33	First week of Feb
IIT Bombay	M.Tech, PhD, Dual Degree (M.Tech + PhD)	Selection is based on GATE score only OR GATE+ Written and/ or Interview. GATE Score > 750-800 will be considered a good score. http://www.iitb.ac.in/newacadhome/mtech.jsp	Mid week of March
IIT Delhi	M.Tech/M.S, M.Des, PhD	Selection is based on GATE score only OR GATE+ Written and/ or Interview. GATE Score > 750-800 will be considered a good score http://www.iitd.ac.in/content/pg-admission	Mid week of March
IIT Kanpur	M.Tech, M.S., PhD	Generally Selection is based on GATE score only. GATE Score >800 for Mechanical Engg and 750 for other branches will be considered a good score. https://iitk.ac.in/doaa/pgadmission.htm	Mid week of March
IIT Madras	M.Tech, M.S., PhD	Selection based on GATE Score and /or interview. GATE Score > 700-750 will be considered a good score. http://gate.iitm.ac.in/	First week of March
IIT Kharagpur	M.Tech	Direct Admission based on GATE Score. GATE Score > 700 will be considered a good score http://gate.iitkgp.ac.in/jmp/	Third week of March
	PhD	a) Overall academic performance : 40 % (b) Written/Computer Test : 40 % & (c) Interview conducted by the Department/Centre/School : 20%	

IIT Roorkee	M.Tech, PhD	Selection is based on GATE score only OR GATE+ Written and/ or Interview. GATE Marks>70-75 will be considered a good score https://www.iitr.ac.in/admissions/pages/Postgraduate.html	Mid week of March
IIT BHU	M.Tech, PhD	Selection is based on GATE score only OR GATE+ Written and/ or Interview. GATE Score > 675 will be considered a good score https://www.iitbhu.ac.in/deans/doaa/academic/admissions/pg	Last week of March
IIT Guwahati	M.Tech, M.Des, PhD	Selection is based on GATE score only OR GATE+ Written and/ or Interview. GATE Score > 700-725 will be considered a good score https://www.iitg.ac.in/acad/Admission_July2019/mtech.html	Mid week of March
IIT Hyderabad	M.Tech, M.Des, PhD	Selection is based on GATE score only OR GATE+ Written and/ or Interview. GATE Score > 725-750 will be considered a good score https://www.iith.ac.in/index.php/admissions/pg/	Mid week of March
IIT Gandhi Nagar	M.Tech, PhD	Selection is based on GATE score only OR GATE+ Written and/ or Interview. GATE Score > 650-700 will be considered a good score https://www.iitgn.ac.in/mtech.htm	Mid week of March
IIT Bhubaneswar	M.Tech, PhD	Selection will be based on the performance in written test, viva voce and weightage to GATE score (70%-30% weightage respectively).GATE Score > 600-650 will be considered a good score http://www.iitbbs.ac.in/admission-mtech.php	First week of March
IIT Jodhpur	M.Tech, PhD	Selection is based on GATE score +Interview. GATE Score > 600-650 will be considered a good score. https://oa.iitj.ac.in/OA_PG_ADMISSION/	Mid week of March
IIT Patna	M.Tech, PhD	Selection is based on GATE score +Interview (70% and 30% weightage respectively.).GATE Score > 600-650 will be considered a good score https://www.iitp.ac.in/acad/admission.php	Mid week of March

IIT Dhanbad	M.Tech, PhD	Selection is based on GATE score only. GATE Score > 600-650 will be considered a good score. https://www.iitism.ac.in/gatejam/	Mid week of March
IIT Ropar	M.Tech, PhD	Selection is based on GATE score only. GATE Score > 700 will be considered a good score. http://www.iitrpr.ac.in/mtech-0	Last week of March
IIT Mandi	M.S., PhD	Selection will be based on GATE Score + Written and/ or Interview https://www.iitmandi.ac.in/academics/ms_phd_admissions.php	First week of April
IIT Indore	M.Tech,M.S.,PhD	Selection will be based on GATE Score only. GATE Score > 650-700 will be considered a good score https://academic.iiti.ac.in/phdadvt.php#	Third week of March

Preference order of IITs :

1. IISc Bangalore
2. IIT Bombay
3. IIT Delhi
4. IIT Kanpur
5. IIT Madras
6. IIT Kharagpur
7. IIT Roorkee
8. IIT BHU
9. IIT Guwahati
10. IIT Hyderabad
11. IIT Gandhi Nagar
12. IIT Bhubaneshwar
13. IIT Jodhpur
14. IIT Indore
15. IIT Patna
16. IIT Ropar
17. IIT Mandi

Order of IIITs

1. IIIT Allahabad
2. IIT Gwalior
3. IIITDM Jabalpur
4. IIITDM Kancheepuram
5. IIIT Hyderabad
6. IIIT Bhubaneswar
7. IIIT Bangalore
8. IIIT Pune

Some other good Institutes in India taking their separate exam for various PG Courses:

1. IIT Hyderabad
2. BITS Pilani
3. BIT Mesra
4. Nirma Institute of Technology, Gujarat
5. Sharda University Punjab
6. Banasthali University, Rajasthan (For Women)
7. Mody Inst. of Technology, Lakmangarh,Rajasthan
8. ISI Kolkata
9. JNU, Delhi
10. Delhi University South Campus
11. CGS Indraprastha University, DELHI

Admission in Master's Course from Foreign Universities through GATE Score:

Apart from educational institutions in India, the GATE scores are accepted by four foreign universities for admission of candidates to post graduate courses as the examination has international recognition too.

College	Course Description	Admission Procedure	Tentative Date of Application	Course Fee
National University of Singapore	M.S (1-3 years) , PhD (2-5 years)	Students with at least 90 percentile in GATE and also must have cleared ILETS/TOEFL with a good score are eligible. https://www.eng.nus.edu.sg/graduate/graduate-research-based-programmes/how-to-apply/	Mid October every year	SGD 10,000-17,220 /year (Rs. 5-8.5 lakh)
Nanyang Technological University	M.Engg and PhD	Students with at least 90 percentile in GATE and also must have cleared ILETS/TOEFL with a good score are eligible. https://admissions.ntu.edu.sg/graduate/R-Programs/R-WhenYouApply/Pages/R-HowtoApply.aspx	First week of October and June every year	SGD 10,000-17,220 /year (Rs. 5-8.5 lakh)
Technical University of Munich	Master of Science and PhD	Students with good GATE score and also must have cleared ILETS/TOEFL with a good score to prove English language proficiency are eligible. Some master courses will require a German language proficiency as well https://tum-asia.edu.sg/admissions/graduate/application-process/	First week of March and September	€500 which is approximately Rs.38000 per semester
RWTH Aachen, Germany	Master of Science and PhD	Students with good GATE score and also must have cleared ILETS/TOEFL with a good score to prove English language proficiency are eligible. Some master courses will require a German language proficiency as well https://www.rwth-aachen.de/go/id/dqml/lidx/1	First week of March and September	€240 which is approximately Rs.18000 per semester

Admission in Management Courses through GATE Score:

College	Course Description	Admission Procedure	Tentative Date of Application	Course Fee
NATIONAL INSTITUTE OF INDUSTRIAL ENGINEERING, MUMBAI	PGDIE, PGDMM, PGDM	<p>The Candidates must have aggregate 60% marks(relaxable by 5% in case of SC/ST/PwD candidates)in Engineering / Technology graduation and a valid GATE score</p> <p>Selection is based on GATE Score followed by GD and PI.</p> <p>Weightage Class 10th – 5% Class 12th – 5% Graduation- 10% GATE Score – 35% GD – 15% Interview – 30%</p> <p>Candidates can apply through https://www.nitie.edu/Admission-2019/</p>	First week of February	First year – Rs.3,69,000 Second Year Rs. 3,41,000

Admission in Master's Courses in NITs in India

College	Admission Procedure	Tentative Date of Application
<u>Any</u> <u>NATIONAL</u> <u>INSTITUTE OF</u> <u>TECHNOLOGY</u> <u>(NITs)</u>	<p>Admission in NITs of the country is done through a common portal -</p> <p>The Centralized Counselling for M.Tech./M.Arch./M.Plan. It is a convenient platform for the candidates to apply for M.Tech./M.Arch./M.Plan. programmes, based on their GATE score in all National Institute of Technologies (NITs)</p> <p>The counselling process broadly involves the following stages:</p> <ol style="list-style-type: none"> i. Online Registration. ii. Online Choice Filling and Locking. iii. Online Seat Allotment. iv. Payment of Seat Acceptance Fee. v. Physical Reporting at RC for Document Verification. vi. Physical Reporting at the Allotted Institute for Admission. vii. National Spot Round (NSR) 	<p>Last week of March – first week of April</p>

Preference order of National Institute of Technology (NITs)

1. NIT Warangal	9. NIT Kurukshetra	17. NIT Patna
2. NIT Trichy	10. NIT Durgapur	18. NIT Jamshedpur
3. NIT Suratkal	11. NIT Jalandhar	19. NIT Raipur
4. NIT Calicut	12. NIT Agartala	20. NIT Silchar
5. NIT Allahabad	13. NIT Jaipur	21. NIT Goa
6. NIT Rourkela	14. NIT Surat	22. NIT Srinagar
7. DTU Delhi	15. NIT Nagpur	
8. NIT Bhopal	16. NIT Hamirpur	

Apart from NITs the other colleges which take intakes in Master's Course through CCMT Counselling are :

IEST Shibpur,
8 IIITs,
National Institute of Foundry and Forge Technology (NIFFT) Ranchi,
School of Planning and Architecture (SPA) Vijayawada,
University of Hyderabad,
Central University of Rajasthan,
Sant Longowal Institute of Engineering and Technology (SLIET) Longowal,
Punjab Engineering College (PEC) Chandigarh and
Shri Mata Vaishno Devi University Katra

Other Institutes which could be preferred for Master's Course (Apart from IIT/NIT/IIIT)

NSIT – Delhi	Aligarh Muslim University , Aligarh
Dhirubhai Ambani Institute of Information & Communication Technology	Osmania University , Hyderabad
College of Engineering , Pune	JNTU, Hyderabad
University of Hyderabad	VIT, Vellore
Jadavpur University, Kolkata	Veermata Jijabai Technology, Mumbai
Jamia Millia Islamia , Delhi	Thapar University , Thapar
Tejpur University ,Assam	