The GATE Committee, which comprises of representatives from the administering institutes, is the sole authority for regulating the examination and declaring the results.

GATE is conducted through the constitution of eight zones. The zones and the corresponding administrative institutes are:

Zone-1: Indian Institute of Science, Bangalore
Zone-2: Indian Institute of Technology Bombay
Zone-3: Indian Institute of Technology Delhi
Zone-4: Indian Institute of Technology Guwahati
Zone-5: Indian Institute of Technology Kanpur
Zone-6: Indian Institute of Technology Kharagpur
Zone-7: Indian Institute of Technology Madras
Zone-8: Indian Institute of Technology Roorkee

The overall coordination and responsibility of conducting GATE 2013 lies with **Indian Institute of Technology Bombay,** and is designated as the **Organizing Institute** for GATE 2013.

Organization of the Brochure

The information in this brochure is mainly categorized into **Pre-Exam** (Eligibility, Application submission, Exam Centers etc.), **Examination** (Syllabus, Pattern, Scoring, Model Question Papers etc.) & **Post-Exam** (Answers, Results, Score Card etc.) sections.

2 What's New in GATE 2013?

1. 15 subject papers will be conducted by an ONLINE computer based test: AE, AG, AR, BT, CE, CH, CY, GG, MA, MN, MT, PH, TF, XE, and XL.

2. Female candidates are exempted from paying the application fee, as required by MHRD, Govt. of India.

3. All candidate related information and grievance redressal will be available in a single GATE Online Applicant Interface.

4. Soft copies of photograph and signature must be uploaded during online application (This is in addition to sending recent photograph of applicant with signed application).

5. A new formula will be used for calculating the GATE score.

6. Biometric information (Photograph and fingerprint) maybe captured on the day of the examination for randomly selected candidates.

2.1 Other Important points about GATE 2013

1 Application Process: For GATE 2013, candidates need to register and fill the application ONLINE only by accessing the zonal GATE websites of IISc and seven IITs. The application process is complete only when a print out of the filled ONLINE application with the candidate's signature and a good quality photo affixed in the appropriate place is received by the respective GATE office along with necessary documents, if any, on or before 8 October 2012. Please note that application forms are NOT available for sale anywhere.

2 Downloadable Admit Card: Admit cards are NOT sent by mail anymore. Admit cards can only be downloaded from the zonal GATE websites from 5th December 2012 onwards. Bring the admit card to the test center along with at least one original (not photocopied / scanned copy) and valid (not expired) photo identification.

3 Use of black ink ballpoint pen for Offline exams: Candidates should use only **black ink ballpoint pen** for darkening of the bubbles in the OMR sheet. Since bubbles darkened by the black ink ballpoint pen cannot be erased, candidates should darken the bubbles in the OMR sheet very carefully.

4 Numerical answer type questions in ONLINE papers: In the ONLINE papers, the question paper will consist of questions of multiple-choice type and questions of numerical answer type. For multiple choice type questions, each question will have four choices for the answer. For numerical answer type questions, each question will have a number as the answer. Each online paper will have 15 or more marks worth of questions requiring numerical answers where possible.

5 Pre-final year students: Pre-final year students are **NOT eligible** to write GATE 2013. For details, refer to Section 4.1 eligibility for GATE examination.

2.2 Important Dates related to GATE 2013

GATE Online Applicant Interface (website) Opens	Saturday	1 September 2012 (00:00 Hrs)
Last date for Submission of Online Application (website closure)	Sunday	30 September 2012 (23:00 Hrs)
Last date for the receipt of printed version of ONLINE Application at the respective zonal GATE Office	Monday	8 October 2012
Last date for request of change of city	Tuesday	20 November 2012
Availability of admit card on Online Application Interface	Wednesday	5 December, 2012
GATE 2013 Online Examination for Papers: AR, CE, GG, MA, MT, PH and TF*	Sunday	20 January 2013 (09:00 Hrs to 12:00 Hrs)
GATE 2013 Online Examination Papers: AE, AG, BT, CH, CY, MN, XE and XL*	Sunday	20 January 2013 (14:00 Hrs to 17:00 Hrs)
GATE 2013 Offline Examination Papers: CS, ME and PI*	Sunday	10 February 2013 (09:00 Hrs to 12:00 Hrs)
GATE 2013 Offline Examination Papers: EC, EE and IN*	Sunday	10 February 2013 (14:00 Hrs to 17:00 Hrs)
Announcement of results on Online Applicant Interface	Friday	15 March 2013 (10:00 Hrs)

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* Please see Section 3.2 for a complete list of GATE papers and their codes.

3 Pre Exam Related Information

Note to the Candidates: *Before* you start the application process, you must:

1. Ensure you are eligible for GATE 2013 (See Section 3.1)

2. Determine the GATE paper you wish to appear for (You can appear in only one paper for GATE 2013).

3. Choose at least two cities from the table of Cities given this Brochure that are convenient for you to write the exam. (See Section 3.4)

In addition, please note that:

1. The Application for appearing in GATE 2013 must be made online only.

2. Your choice of exam paper will determine the examination type (online/offline), date, and choice of available cities.

3.1 Eligibility for GATE

Only the following categories of candidates are eligible to appear for GATE 2013. Necessary supporting documents must be submitted ONLINE or by post during the submission of the application form for the exam. Please read this carefully and make sure that your year of qualification is not later that what is specified below.

Qualifying Degree (Short)	Qualifying Degree/Examination (Descriptive)	Description of Eligible Candidates	Year of qualification cannot be later than	Copies of Certificates to be submitted	
				Passed in the year 2012 or earlier	Expected to complete in 2013 or later
B.E./B.Tech/B.Arch	Bachelor's degree in Engineering/Technology/Architecture (4 years after 10+2/Post B.Sc./Post-Diploma)	4th year or Completed	2013	Degree Certificate / Provisional Certificate / Course Completion Certificate	Certificate from Principal
MSc./M.A./MCA equivalent	Master's degree in any branch of Science / Mathematics / Statistics / Computer Applications or equivalent	Final year or Completed	2013	Degree Certificate / Provisional Certificate / Course Completion Certificate (pertaining to Masters degree)	Certificate from Principal
Int. M.E./M.Tech or DD (after 10+2 or Diploma)	Integrated Master's degree programs or Dual Degree programs in Engineering / Technology (Five year programme)	4th/5th Year or Completed	2014	Degree Certificate / Provisional Certificate / Course Completion Certificate	Certificate from Principal
Int. M.E/M.Tech (Post BSc)	Post-BSc Integrated Master's degree programs in Engineering / Technology (Four year programme)	2nd/3rd/4th year or Completed	2015	Degree Certificate / Provisional Certificate / Course Completion Certificate	Certificate from Principal
Professional Society Examinations (equivalent to B.E/B.Tech/B.Arch)	B.E/B.Tech equivalent examinations, of Professional Societies, recognized by MHRD/UPSC/AICTE (e.g. AMIE by Institution of Engineers-India, AMICE by the Institute of Civil Engineers-India)	Completed section A or equivalent of such professional courses	NA	Professional Certificate/ Provisional Certificate/ Course Completion/ Membership Certificate issued by the Society or Institute	Copy of Marksheet for Section "A"

Certificate from Principal

Candidates who have to submit a certificate from their Principal, as determined from the above table, have to obtain a signature from their principal on a certificate that will be printed on the application PDF file provided after completion of online application submission.

Candidates with backlogs

Candidates who have appeared in the final semester/year exam in 2012, but with a backlog (arrears/failed subjects) in any of the papers in their qualifying degree should submit

1. A copy of any one of the marks sheets of the final year, OR

2. A letter from the principal indicating that the student has a backlog from an earlier semester/year to be cleared, and therefore cannot produce a course completion certificate now. This certificate will also be present in the last portion of the PDF application form provided to you after you submit application online.

3.2 GATE Papers

GATE 2013 will be conducted in the following subjects (also referred to as "papers"). Candidates must familiarize with the paper code for the paper of their choice, as this knowledge will be required at the time of application form submission and appearing for the examination.

GATE Paper	Code	GATE Paper	Code
Aerospace Engineering	AE	Instrumentation Engineering	IN
Agricultural Engineering	AG	Mathematics	MA
Architecture and Planning	AR	Mechanical Engineering	ME
Biotechnology	BT	Mining Engineering	MN
Civil Engineering	CE	Metallurgical Engineering	MT
Chemical Engineering	CH	Physics	PH
Computer Science and Information Technology	CS	Production and Industrial Engineering	PI
Chemistry	CY	Textile Engineering and Fibre Science	TF
Electronics and Communication Engineering	EC	Engineering Sciences	XE*
Electrical Engineering	EE	Life Sciences	XL**
Geology and Geophysics	GG		
*XE Paper Sections	Code	**XL Paper Sections	Code
Engineering Mathematics (Compulsory)	A	Chemistry (Compulsory)	H
Fluid Mechanics	B	Biochemistry	I
Materials Science	C	Botany	J
Solid Mechanics	D	Microbiology	K
Thermodynamics	E	Zoology	L
Polymer Science and Engineering	F	Food Technology	M
Food Technology	G		

3.3 Examination Schedule

GATE Paper Codes	Examination Time	Examination Date (Day)	Examination Type
AR, CE, GG, MA, MT, PH, and TF	09:00 hrs–12:00 hrs	20 January 2013 (Sunday)	ONLINE
AE, AG, BT, CH, CY, MN, XE and XL	14:00 hrs–17:00 hrs		
CS, ME and PI	09:00 hrs–12:00 hrs	10 February 2013 (Sunday)	OFFLINE
EC, EE and IN	14:00 hrs–17:00 hrs		

ONLINE Examination: A computer based test (CBT) where the candidate will use a computer mouse to choose a correct answer or enter a numerical answer via a virtual keypad.

OFFLINE Examination: A paper based examination where the candidate will mark the correct answer out of four options in an Optical Response Sheet (ORS) by darkening the appropriate bubble with a pen.

3.4 State-wise Exam Cities

The centers for online exam papers are **different** from the centers for offline exam papers. Please consult the table below. First determine if the paper of your choice is to be conducted online or offline, and check for a city in the state of your choice. Also seen in the table is the Zonal Administration Institute Office (Either of the IITs or IISc). This Zonal office will be your point of contact for any enquiries regarding your exam center.[1]

State	Exam Mode	City	Zonal GATE Office
Andhra Pradesh	Online	Ananthapur, Hyderabad, Kurnool, Secunderabad	IISc
		Kakinada, Vijayawada,Visakhapatnam	IITKGP
		Bapatla, Guntur, Kadapa, Nellore, Tirupati, Warangal	IITM
	Offline	Ananthapur, Hyderabad, Kurnool, Mahabubnagar, Secunderabad	IISc
		Bhimavaram, Eluru, Kakinada, Machilipatnam, Rajahmundry, Srikakulam, Tadepalligudem,Vijayawada,Visakhapatnam	IITKGP
		Bapatla, Chittoor, Gudur, Guntur, Kadapa, Karimnagar, Khammam, Kothagudem, Manchiryal, Nalgonda, Nellore, Ongole, Tenali, Tirupati, Warangal	IITM
Arunachal Pradesh	Online	—-	
	Offline	Itanagar	IITG
Assam	Online	Guwahati, Jorhat, Silchar, Tezpur	IITG
	Offline	Guwahati, Jorhat, Silchar, Tezpur	IITG
Bihar	Online	Patna	IITG
	Offline	Bhagalpur,Patna	IITG
Chattisgarh	Online	Bilaspur,Raipur	IITKGP
	Offline	Bilaspur,Raipur	IITKGP
Delhi	Online	Delhi	IITD
	Offline	Delhi Central, Delhi East, Delhi North, Delhi South, Delhi West	IITD
Goa	Online	—-	
	Offline	Goa	IITB
Gujarat	Online	Ahmedabad, Rajkot, Surat, Vadodara	IITB

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[1] While we will make every effort to allocate you to a center in the city of your choice, please note that centers may be added or removed at the discretion of the GATE committee. In case a center in the city of your choice is not available, we will allot a center that is geographically closest to the city of your choice.

State	Exam Mode	City	Zonal GATE Office
	Offline	Ahmedabad, Mahesana, Rajkot, Surat, Vadodara	IITB
Haryana	Online	Faridabad, Gurgaon	IITD
		Hisar, Kurukshetra, Rohtak	IITR
	Offline	Faridabad, Gurgaon	IITD
		Hisar, Kurukshetra, Rohtak, Yamunanagar	IITR
Himachal Pradesh	Online	Hamirpur, Shimla	IITR
	Offline	Hamirpur, Shimla	IITR
Jammu & Kashmir	Online	Jammu	IITR
	Offline	Jammu	IITR
Jharkhand	Online	Dhanbad	IITG
		Jamshedpur,Ranchi	IITKGP
	Offline	Dhanbad	IITG
		Jamshedpur,Ranchi	IITKGP
Karnataka	Online	Belgaum, Bengaluru, Davengere, Hassan, Hubli, Mangalore, Manipal, Mysore, Surathkal	IISc
		Gulbarga	IITB
	Offline	Bagalkot, Belgaum, Bengaluru, Davangere, Hassan, Hubli, Mangalore, Manipal,Mysore, Surathkal	IISc
		Gulbarga	IITB
Kerala	Online	Kanjirappally, Kannur, Kollam, Kottayam,Kozhikode, Palakkad, Thrissur	IISc
		Ernakulam, Thiruvananthapuram	IITM
	Offline	Alappuzha (Aleppy), Chengannur, Kanjirappally, Kannur, Kollam, Kothamangalam, Kottayam, Kozhikode, Palakkad, Thrissur	IISc
		Ernakulam, Thiruvananthapuram,	IITM
Madhya Pradesh	Online	Indore, Ujjain	IITD
		Bhopal, Gwalior, Jabalpur	IITK
	Offline	Indore, Ujjain	IITD
		Bhopal,Gwalior,Jabalpur, Saugar (Sagar, MP)	IITK
Maharashtra	Online	Ahmednagar, Amravati, Aurangabad, Jalgaon, Kolhapur, Mumbai (Central Line), Mumbai (Western Line), Nagpur, Nanded, Nashik, Navi Mumbai, Pune (City), Pune (Pimpri Chinchwad), Sangli, Solapur, Thane	IITB
	Offline	Ahmednagar, Akola, Amravati, Aurangabad, Bhusawal, Gondia, Jalgaon, Kolhapur, Latur, Lonavala, Loni, Mumbai (Central Line), Mumbai (Western Line), Nagpur, Nanded, Nashik, Navi Mumbai, Pandharpur, Pune (City), Pune	IITB

State	Exam Mode	City	Zonal GATE Office
		(Pimpri Chinchwad), Sangli, Satara, Shegaon, Solapur, Thane, Wardha	
Manipur	Online	Imphal	IITG
	Offline	Imphal	IITG
Orissa	Online	Bhubaneswar, Cuttack, Rourkela, Sambalpur	IITKGP
	Offline	Balasore, Berhampur, Bhubaneswar, Cuttack, Rourkela, Sambalpur	IITKGP
Puducherry	Online	Puducherry	IITM
	Offline	Puducherry	IITM
Punjab	Online	Amritsar, Bathinda, Chandigarh, Jalandhar,Patiala	IITR
	Offline	Amritsar, Bathinda, Chandigarh, Jalandhar, Ludhiana, Patiala	IITR
Rajasthan	Online	Ajmer, Bikaner, Jaipur, Jodhpur, Kota, Udaipur	IITD
	Offline	Ajmer, Alwar,Bikaner, Jaipur, Jodhpur, Kota, Sikar, Udaipur	IITD
Sikkim	Online	—-	
	Offline	Gangtok	IITG
Tamil Nadu	Online	Chennai, Chidambaram, Coimbatore, Madurai, Salem, Thanjavur, Tiruchirapalli, Tirunelveli,Vellore	IITM
	Offline	Chennai North, Chennai South, Chidambaram, Coimbatore, Dindigul,Madurai, Nagercoil,Salem, Thanjavur, Tiruchirapalli, Tirunelveli,Vellore	IITM
Tripura	Online	Agartala	IITG
	Offline	Agartala	IITG
Uttar Pradesh	Online	Agra, Aligarh, Allahabad, Bareilly, Kanpur, Lucknow, Varanasi	IITK
		Ghaziabad,Meerut, Muzaffarnagar, Noida	IITR
		Mathura	IITD
	Offline	Agra, Aligarh, Allahabad, Bareilly, Gorakhpur, Jhansi, Kanpur, Lucknow, Sultanpur,Varanasi	IITK
		Bijnor, Ghaziabad,Meerut, Muzaffarnagar, Noida	IITR
Uttarakhand	Online	Dehradun, Haldwani, Roorkee	IITR
	Offline	Dehradun, Haldwani, Haridwar, Roorkee, Srinagar	IITR
West Bengal	Online	Asansol, Durgapur, Kalyani, Siliguri	IITG
		Kharagpur, Greater Kolkata (North), Greater Kolkata (South)	IITKGP
	Offline	Asansol, Durgapur, Kalyani, Siliguri	IITG
		Kharagpur, Kolkata	IITKGP

3.5 How to Apply

All candidates **have to apply ONLINE**. Details of the application fee and the steps in the application process are given below. The application fee is non-refundable.

Category	Application Fee
General/OBC-NC (Male Candidates)	₹1200/-
SC / ST / PD* (Male Candidates)	₹ 600/-
Female Candidates	₹ 0 (Exempted)

* PD: Person with a Physical Disability

3.5.1 GATE Online Applicant Interface

An online interface is provided for most of your interaction with the GATE office. This interface can be accessed using url: http://gateapp.iitb.ac.in With this interface you can

1. Apply for the examination online

2. Upload photograph, signature, and supporting documents.

3. Make application fee payment through netbanking.

4. Check the status of your application form: Received, Under Scrutiny, Rejected after Scrutiny failed, Accepted after Successful Scrutiny, Admit Card Ready for Download, etc.

5. Contact the GATE office in case of any queries/problems (Grievance Redressal).

6. Download Admit Card.

7. View your answers, marks and GATE score.

The login to this interface is through your chosen email address and a password. Keep this information safe and do not disclose the email id and password to anyone.