

**POSTAL PREPARATORY PROGRAMME  
FOR THE  
GRADUATE APTITUDE TEST IN ENGINEERING  
(GATE), 2013**

***HERE IS AN OPPORTUNITY.....***

for advanced engineering education in India. An M.E. or M.Tech. degree is a desirable qualification for our young Engineers seeking a rewarding professional career. Engineering students, while in the final year of their degree course, spend considerable time seeking an opening for higher studies in foreign universities, but there are also several institutions of repute in India offering specialised post-graduate programmes in various disciplines.

The Graduate Aptitude Test in Engineering (GATE) is an all-India examination administered and conducted in eight zones across the country by the GATE Committee comprising Indian Institute of Science, Bangalore and seven Indian Institutes of Technology on behalf of the National Coordinating Board – GATE, Department of Higher Education, Ministry of Human Resources Development (MHRD), Government of India.

Admission to post graduate programmes with MHRD and some other government scholarships/assistantships at Engineering Colleges/ Institutes in the country are open to those who qualify through GATE. GATE qualified candidates with Bachelors degrees in Engineering / Technology / Architecture or Masters degrees in any branch of Science / Mathematics / Statistics / Computer Applications are eligible for Master / Doctoral programmes in Engineering / Technology / Architecture / Pharmacy as well as for Doctoral programmes in relevant branches of Science.

**To avail the scholarship, the candidate must additionally secure admission to such a postgraduate programme, as per the prevailing procedure of the admitting institution.**

The GATE 2013 Committee has the authority to decide the qualifying marks for each GATE paper.

GATE qualification, however, is not required for candidates with Masters degrees in Engineering / Technology / Architecture / Pharmacy who may be seeking scholarships / assistantships for relevant doctoral programmes.

For admission to postgraduate programmes with scholarships/assistantships from the Ministry of Human Resources Development and some other Govt. Agencies, a minimum weightage of 70% is given to the GATE Score with the remaining weightage given to the student's academic performance in the qualifying exam and /or interview. The exact procedure followed for the award of these scholarships/assistantships will be defined by the respective Institution granting admission.

Some Institutions specify GATE as the mandatory qualification even for admission of self-financing students to postgraduate programmes. GATE qualified candidates in Engineering disciplines are also eligible for the award of Junior Research Fellowship in CSIR Laboratories. Some government Organizations prescribe GATE qualification as a requirement for the posts of a Scientist/Engineer.

There is also an increasing trend of using the GATE score by some universities as well as many Indian and Multi-national Companies for recruitment. **Many Public Sector Enterprises & Govt. Agencies like Indian Oil Corporation Ltd; National Thermal Power Corporation Ltd; Bharat Heavy Electricals Ltd; ISRO Etc., have announced recruitment of a large number of engineers (EE, EC, IN, ME) short listing applicants from GATE qualified candidates for further selection processes.**

### ***Date of Exam***

The GATE exam is normally held on the second Sunday in February and the results announced by the middle of March.

## ***GATE Score***

The GATE score becomes valid only after the candidate completes all requirements of the qualifying degree. The GATE 2013 score will be valid for two years from the date of announcement of results.

Details about the content of the GATE Scorecard will be made available in the GATE websites at the appropriate time.

The GATE 2013 Committee has the authority to decide the qualifying marks for each paper.

There is no provision for additional GATE Score cards.

## **Eligibility \***

- (a)** Bachelor's degree holders in Engineering/Technology/Architecture (4 years after 10+2) and those who are in the final year of such programmes.
- (b)** Master's degree holders in any branch of Science/Mathematics/Statistics/Computer Applications or equivalent and those who are in the final of such programmes.
- (c)** Candidates in the third or final year of the four-year Integrated Master's degree programme (Post-B.Sc.) in Engineering/Technology or in the fourth or final year of the five-year Integrated Master's degree programmes and Dual Degree programme in Engineering/Technology.
- (d)** Candidates with qualifications obtained through an examination conducted by professional societies recognized by the UPSC/AICTE (for example AMIE by IE(1) or AMIE by ICE(1)) as equivalent to B.E./B.Tech. Those who have completed Section A or equivalent of such professional courses are also eligible.

*\* Based on the notification for GATE 2012*

## STRUCTURE OF GATE

**There will be a single, fully objective-type paper of 3 hours' duration with 65 Questions for a total of 100 marks with negative marking for each wrong answer at one-third of the marks allotted for that question. The Question Paper will be in ENGLISH only.**

1. Aerospace Engineering	(AE)	12. Instrumentation Engg.	(IN)*
2. Agricultural Engineering	(AG)*	13. Mathematics	(MA)
3. Architecture & Planning	(AR)	14. Mechanical Engineering	(ME)*
4. Bio Technology	(BT)*	15. Mining Engineering	(MN)*
5. Civil Engineering	(CE)*	16. Metallurgical Engineering	(MT)*
6. Chemical Engineering	(CH)*	17. Physics	(PH)
7. Computer Science & Inf.Tech.	(CS)	18. Production & Industrial Engg	(PI)*
8. Chemistry	(CY)*	19. Textile Engg.& Fibre Sciences	(TF)*
9. Electronics & Commn. Engg.	(EC)*	20. Engineering Sciences	(XE)
10. Electrical Engineering	(EE)*	21. Life Sciences	(XL)
11. Geology & Geophysics	(GG)		

(i) Each GATE paper shall have a common General Aptitude (GA) component carrying 15 marks.

**\*Note:** Papers in these subjects will contain questions on Engineering Mathematics for 15 marks.

**Engineering Sciences (XE) and Life Sciences (XL) are general papers and will comprise the following sections:**

**Engineering Sciences (XE)**

**Compulsory**

Engineering Mathematics (A)

**Optionals (any two)**

Fluid Mechanics	(B)	Thermodynamics	(E)
Material Science	(C)	Polymer Science & Engg.	(F)
Solid Mechanics	(D)	Food Technology	(G)

**Source:** Information Brochure for GATE 2012

## Life Sciences (XL)

### Compulsory

Chemistry (H)

### Optionals (any two)

Biochemistry (I)	Zoology (L)
Botany (J)	Food Technology (M)
Microbiology (K)	

**Note:** Candidates appearing in XE or XL are required to answer three sections, one compulsory as mentioned above, and two others of the candidate's choice, from among the Optionals mentioned against the respective papers apart from General Aptitude (GA) questions. All sections are of fully objective type.

- In XE, Compulsory Section A will be of 15 marks, with 7 one-mark and 4 two-mark questions. All other optional sections, B to G, will be of 35 marks, with 9 one-mark and 13 two-mark questions.
- In XL, Compulsory Section H will be of 25 marks, with 5 one-mark questions and 10 two-mark questions. All other optional Sections, I to L, will be of 30 marks, with 10 one-mark and 10 two-mark questions.
- In both the XL and XE Papers, there will be 10 compulsory questions in General Aptitude for a total of 15 marks.

Candidates who qualify for the XE or XL Paper will be further examined, by interview or written test, by the admitting Institute to assess their suitability for a particular programme, keeping the weightage for the GATE Score at 70%.

The choice of the appropriate paper is the responsibility of the candidate. However, as a guideline: a candidate is expected to appear in a paper appropriate to the discipline of his/her qualifying degree, though there is no bar on his/her choosing any paper according to his/her admission plan, keeping in mind the eligibility criteria of the admitting Institute.

## **BRILLIANT'S SUPPORT PROGRAMME**

We offer support for the following papers:

- |                                                       |       |
|-------------------------------------------------------|-------|
| <b>i.</b> Biotechnology                               | (BT)* |
| <b>ii.</b> Computer Science & Information Technology  | (CS)* |
| <b>iii.</b> Electronics and Communication Engineering | (EC)* |
| <b>iv.</b> Electrical Engineering                     | (EE)* |
| <b>v.</b> Instrumentation Engineering                 | (IN)* |
| <b>vi.</b> Production and Industrial Engineering      | (PI)* |
| <b>vii.</b> Mechanical Engineering                    | (ME)* |
| <b>viii.</b> Physics                                  | (PH)  |
| <b>ix.</b> <u>Life Sciences (XL):</u>                 |       |
| <b>(a)</b> Chemistry (Compulsory)                     | (H)   |
| <b>(b)</b> Biochemistry                               | (I)   |
| <b>(c)</b> Microbiology                               | (K)   |

**Note:** For all the papers we will provide the common supplements for General Aptitude.

For Papers in the subjects marked \* will include our support for Engineering Mathematics.

## ***Medium of Instruction***

The course material is in the English medium, and only students who can follow our lessons in English should apply for enrolment.

## ***Course Material***

Our lesson material will cover the entire syllabus for the subjects offered with theory, worked examples, assignments, objective questions and keys with explanatory notes for selected questions of the objective type and worked out solutions for the problems.

The preceding **five** years' Question Papers, with solutions, of the respective disciplines, will also be provided.

The course will be in the form of eight sets of lesson material, despatched at approximately monthly intervals, by Parcel Post or private Courier services.

The first set will be despatched by about April 2012 and the course will be completed by about December 2012.

Students who enrol late will receive the material at shorter intervals or in one lot, depending on the date of enrolment.

## ***Model Test Papers***

In order to provide good practice at tackling objective type questions, we will provide four Model Test Papers (MTP) patterned on the format of GATE 2012. The Papers will generally be sent with Sets 6,7 and 8 or separately.

Students should self-administer each of these Test Papers under strict examination conditions, closely following the instructions in the Papers. The Solutions for all four papers will also be provided so that students can evaluate their performance, and identify areas in which they need to concentrate more.

## ***DOUBT LETTER SCHEME***

Our Professors' services are readily available to clear doubts that students may have while studying our course material and problems. Students are welcome to send us, their doubts, in writing, up to December 2012.

Problems must be restricted to 5 per letter and be within the examination syllabus. The source from which the problems have been taken **MUST BE SPECIFIED** and student's working sheets enclosed with the problems being referred to us.

**Doubt Letters which do not meet these specific conditions will not be attended to.**

**Note: In order to facilitate and speed up processing, please write ATTN: DOUBT LETTER – GATE clearly on the cover of the Doubt Letter. The Student's Name and the Enrolment Number must also be given. Please DO NOT combine Doubt Letters with other types of correspondence.**

**Note: Students who enrol only for the Test Series detailed below are not eligible for the Doubt Letter Scheme.**



Yet another student-centric initiative from Brilliant Tutorials, in its on going quest to improve the quality and level of Support Services to its students.

Leveraging Information Technology to offer you the convenience of taking Preparatory Tests for Competitive Entrance Examinations, Taking the on-line tests including ME will greatly improve your confidence level and Chances of performing better. Brilliant is pleased to present the Indian student community an Online Test Series Package of selected subjects for the GATE Examination.

Each Test will be 3 hours in duration, and based on the GATE pattern. Each student's individual Test Score will be available immediately after he/she submits the Test. In addition, the student's percentile score will also be available, so that the student is aware of his/her relative performance with respect to all other students who took that particular Test nationally. Further, a unique feature of the online Tests will be a detailed question-wise analysis of the student's performance, highlighting areas or topics in which the student needs to concentrate more. Since the assessments will be available online till the end of the course, the student will also be able to track his/her individual progress over a period of time and close to the actual GATE Exam.



## **NEW FROM BRILLIANT**

We are pleased and proud to announce the launch of the **FIRST COMPREHENSIVE** student-centric services:

1. A “Live Chat Support: service on our website. Instead of going through the laborious process of sending an email or calling for any clarifications that students or parents may need, all they now need to do is log on to our website - [www.brilliant-tutorials.com](http://www.brilliant-tutorials.com) - and get their questions answered without any delay. **It’s that easy!**
2. We will send timely information by email or sms alerts to our students about despatch of their course material, notification about our online tests, test result availability etc. It is imperative therefore that all students give us their email ids and cell phone numbers.

### ***And coming soon***

3. An exhaustive student and parent portal to allow the student and the Parent to get all pertinent information like cumulative test scores, despatch details etc.

**As always, Brilliant Tutorials leads the way in the service of the youth of this country.**

## COURSE FEES

### STUDY MATERIAL ONLY

#### I. Specific Papers

<ul style="list-style-type: none"><li><b>i.</b> Biotechnology (BT)</li><li><b>ii.</b> Computer Science &amp; Info. Tech. (CS)</li><li><b>iii.</b> Electrical Engineering (EE)</li><li><b>iv.</b> Electronics and Communication Engg. (EC)</li><li><b>v.</b> Instrumentation Engineering (IN)</li><li><b>vi.</b> Mechanical Engineering (ME)</li><li><b>vii.</b> Production and Industrial Engineering (PI)</li></ul>	<b>Rs. 17220/-</b> + Service Tax Rs. 2128/- <b>Total: Rs. 19348/-</b> each
<ul style="list-style-type: none"><li><b>viii.</b> Physics (PH)</li></ul>	<b>Rs. 11808/-</b> + Service Tax Rs. 1459/- <b>Total: Rs. 13269/-</b> each

#### II. Life Sciences (XL)

- a.** Compulsory Subject with two Optionals:  
**Rs. 16140/-** + Service Tax Rs. 1995/-. **Total: Rs.18135/-**
- b.** Compulsory Subject with one Optional:  
**Rs. 11280/-** + Service Tax Rs. 1394/-. **Total: Rs.12674/-**
- c.** Two Optionals without Compulsory:  
**Rs. 9720/-** + Service Tax Rs. 1201/-. **Total: Rs.10921/-**
- d.** One Optional without Compulsory:  
**Rs. 4860/-** + Service Tax Rs. 601/-. **Total: Rs.5461/-**
- e.** Compulsory Subject only:  
**Rs. 6420/-** + Service Tax Rs. 794/-. **Total: Rs.7214/-**

**Note: Please choose your Optionals carefully. No change of Optional will be allowed after enrolment.**

**Fees once paid will not be refunded or adjusted under any circumstances.**

## STUDY MATERIAL WITH OPTIONAL TEST SERIES

### 1. OPTION: TS9PlusESM

- Engineering Subject Study Material and Online Test Series.
- **Available for:** Biotechnology, Mech.Engg, Elec.Engg, Electr.&Comm.Engg., Compu.Sc. & Inf.Tech. and Prod & Ind. Engg.
- **7 Full-Syllabus & 2 Part Syllabus Online Tests** on scheduled dates & time.
- Offline study materials sent as per postal despatch schedule
- Tests evaluated, Absolute Scores and All-India Percentile Scores.
- Detailed worked-out Solutions on our website.
- One set of the previous 5 Years' (2008–2012) GATE Question Papers with worked-out Solutions.
- **Fees:** Rs.20244/- + Service Tax: Rs.2502/-. **Total: Rs.22746/- each**

### 2. OPTION: TS5PlusESM

- Engineering Subject Study Material and Online Test Series.
- **Available for:** Biotechnology, Mech.Engg, Elec.Engg, Electr.&Comm. Engg., Compu.Sc. & Inf.Tech. and Prod. & Ind. Engg.
- **3 Full-Syllabus & 2 Part-Syllabus Online Tests** on scheduled dates & time.
- Offline study materials sent as per postal despatch schedule
- Tests evaluated, Absolute Scores and All-India Percentile Scores.
- Detailed worked-out solutions on our website.
- One set of the previous 5 Years' (2008–2012) GATE Question Papers with worked-out Solutions.
- **Fees:** Rs.19332 /- + Service Tax: Rs.2389/-. **Total: Rs.21721/- each**

### 3. OPTION: TS9PlusXLCSM

- **Life Sciences: Chemistry** Study Material and Online Test Series.
- **7 Full-Syllabus & 2 Part-Syllabus Online Tests** on scheduled dates & time.
- Offline study materials sent as per postal despatch schedule
- Tests evaluated, Absolute Scores and All-India Percentile Scores.
- Detailed worked-out solutions on website.
- One set of the previous 5 Years' (2008–2012) GATE Question Papers with worked-out Solutions.
- **Fees:** Rs.9444/- + Service Tax: Rs.1167/-. **Total: Rs.10611/-**

### 4. OPTION: TS5PlusXLCSM

- **Life Sciences: Chemistry** Study Material and Online Test Series.
- **3 Full-Syllabus & 2 Part-Syllabus Online Tests** on scheduled dates & time.
- Offline study materials sent as per postal despatch schedule
- Tests evaluated, Absolute Scores and All-India Percentile Scores reported on our website.
- Detailed worked-out solutions on website.
- One set of the previous 5 Years' (2008–2012) GATE Question Papers with worked-out Solutions.
- **Fees:** Rs.8532/- + Service Tax: Rs.1055/-. **Total: Rs.9587/-**

## 5. OPTION: TS9PlusXLOSM

- **Life Sciences Optional** Study Material and Online Test Series.
- Available for : Biochemistry and Microbiology
- **7 Full-Syllabus & 2 Part-Syllabus Online Tests** on scheduled dates & time.
- Offline study materials sent as per postal despatch schedule
- Tests evaluated, Absolute Scores and All-India Percentile Scores.
- Detailed worked-out solutions.
- One set of the previous 5 Years' (2008–2012) GATE Question Papers with worked-out Solutions.
- **Fees:** Rs.7884/- + Service Tax: Rs.974/- . **Total: Rs.8858/- each**

## 6. OPTION: TS5PlusXLOSM

- **Life Sciences Optional** Study Material and Online Test Series.
- Available for : Biochemistry and Microbiology
- **3 Full-Syllabus & 2 Part-Syllabus Online Tests** on scheduled dates & time.
- Offline study materials sent as per postal despatch schedule
- Tests evaluated, Absolute Scores and All-India Percentile Scores.
- Detailed worked-out solutions.
- One set of the previous 5 Years' (2008–2012) GATE Question Papers with worked-out Solutions.
- **Fees:** Rs.7068/- + Service Tax: Rs.874/- . **Total: Rs.7942/- each**

## 7. OPTION: TS9

- **Online Test Series only**
- **Available for:**
  - Engg.Subjects:** Bio Technology, Mech.Engg. Elec.Engg, Electr.&Comm. Engg., Compu.Sc. & Inf.Tech., Prod. & Ind. Engg
  - Life Sciences** Compulsory Chemistry; Optionals: Biochemistry, Microbiology.
- **7 Full-syllabus & 2 Part-syllabus** Online Tests on scheduled dates & time.
- Test evaluated, Absolute Scores and All-India Percentile Scores.
- Detailed worked-out Solutions.
- The previous 5 years' (2008–2012) GATE Question Papers with worked-out Solutions.
- **Fees:** Rs.3024/- + Service Tax: Rs.374/- **Total: Rs.3398/- each**

## 8. OPTIONS: TS5

- **Online Test Series only**
- **Available for:**
  - Engg.Subjects:** Bio Technology, Mech.Engg. Elec.Engg, Electr.&Comm. Engg., Compu.Sc. & Inf.Tech., Prod. & Ind. Engg
  - Life Sciences** Compulsory Chemistry; Optionals: Biochemistry, Microbiology.
- **3 Full-syllabus & 2 Part-Syllabus** Online Tests on scheduled dates & time.
- Tests evaluated, and Absolute Scores plus All-India Percentile Scores.
- Detailed worked-out Solutions.
- The previous 3 Years' (2010–2012) GATE Question Papers with worked-out Solutions.
- **Fees:** Rs.2112/- + Service Tax: Rs.261/- **Total: Rs.2373/- each**

## PROCEDURE FOR ENROLMENT

Enrolment for GATE 2013 opens on January 01, 2012.

The student should send us:

1. The Enrolment Form, completed and signed on both sides, and with a passport size photograph pasted in the space provided.
2. Two additional signed copies of the photograph (preferably colour) with the Enrolment Form.

**Note: Enrolment Forms without the three photographs will not be accepted.**

3. Payment can be made by:

- a. A crossed Demand Draft, drawn in favour of **Brilliant Tutorials Pvt. Ltd**, payable at **Chennai**.
- or** b. Money Order - please include the student's full postal address and course in the coupon.
- or** c. Net Banking / Online Credit Card / Bank Transfer (Bank Routing Details on Enrolment Form).  
Log on to [www.brilliant-tutorials.com](http://www.brilliant-tutorials.com) and follow instructions for online enrolment.

**or** d. Cash or Credit Card at any of our Centres - See page 18.

**Personal cheques will not be accepted.**

**Note: Students resident outside India must follow the remittance instructions given on the Enrolment Form they receive.**

**Note:** When calling to enquire about the status of your application, please have the following information ready:

- A copy of your application form
- D/D Number and Date **or** Money Order Receipt Number and Date
- Issuing Bank / Post Office
- For Net Banking / Credit Card or Online Bank Payment: Reference Number / Transaction Confirmation Number and Date
- Mode of Despatch of Application (Courier, Registered Post, Speed Post, Ordinary Post)
- Date of Despatch

Please wait at least 15 days after date of despatch before calling.

**Note I:** Brilliant's comprehensive Support Programme for GATE 2013 is based on the structure, pattern and syllabus for GATE 2012. Should there be any change in the structure, pattern or syllabus for GATE 2013, Brilliant Tutorials reserves the right to revise the fee structure, as may be necessary, after the Notification for GATE 2013 is published.

**Note II:** It is imperative that all students enrolling in this course provide us with their email addresses and cell phone numbers and also check their email often. All communication to our students will be sent by email.

**Note III:** It is the student's responsibility to watch for Publication of the Notification and ensure compliance with all the eligibility requirements for GATE 2013.

#### **REQUESTS FOR CHANGE OF ADDRESS ETC.**

**Normally we do not accept any advice for stoppage of despatch of study material.** Change of address, or, in exceptional cases, stoppage or resumption of despatch etc. will be implemented only if requested by a letter signed by the student. A photocopy of the Admit Card (with the photograph visible) must be enclosed with the letter. Telephone requests will not be honoured unless confirmed in writing.

This policy is designed to prevent fraud and to safeguard the interests of our genuine students.

**Please allow 15 days from the date of receipt, for implementation of the change**

*All matters are subject to the exclusive jurisdiction of the courts in Chennai only.*



# **PRIZE SCHEME**

## **FOR**

### **GATE, 2013**

**Brilliant Tutorials Pvt. Ltd.** has great pleasure in announcing the following Prize Scheme for our students appearing for GATE, 2013. Brilliant's students, enrolled in our Course towards GATE, for any of the papers that we support, securing the **ALL-INDIA**

**FIRST RANK** will be awarded a Cash Prize of **Rs. 50,000**

**SECOND RANK** will be awarded a Cash Prize of **Rs. 25,000**

**THIRD RANK** will be awarded a Cash Prize of **Rs. 10,000**

The Prize Scheme is applicable only to the Ranks of General Category and not Ranks under any other Category such as SC, ST, Defence, etc.

The prize amount will be paid in Indian Rupees.

In case of a tie, the prize money will be divided.

In all cases, the decision of the Management of **Brilliant Tutorials Private Limited** will be final.

## **COURSES OFFERED**

- **Classroom and/or Correspondence Courses for**
  - **IIT-JEE - For Stds. IX, X, XI and XII**
  - **All-India Engineering Entrance Exam (AIEEE) and BITSAT - For Stds. XI and XII**
  - **Medical Entrance Exams - For Stds. IX, X, XI and XII**
- **YG (“YOUNG GENIUS”) File with B.MAT (Brilliant's Mock All-India Tests)-One-year Test Series for IIT-JEE - For Std. XII**
- **Med.QB (Medical Question Bank) with B.NET (Brilliant's National Evaluation Tests)-One-year Test Series for Medical Entrance Examinations - For Std. XII**
- **SKOOL EXAM PREP- For Std. VIII, IX, X, XI and XII**
- **Graduate Aptitude Test in Engineering (GATE)**
- **Civil Services Examination**
- **Engineering Services Examination**
- **MBA Entrance Examinations**
- **Joint CSIR-UGC (NET)**
- **GRE, TOEFL**
- **BPOE**