

## Admission to B.Tech. Programs

### GAT (UGT) 2012 Test Code No. 99

**1.1 The GAT(UGT)-2012 (Online Admission Test) is conducted for admission to the following programs**

**1.2 Courses offered**

Visakhapatnam	Hyderabad
<b>B.Tech. (4 years)</b>	
Electronics & Communication Engineering Electronics & Instrumentation Engineering Computer Science & Engineering Mechanical Engineering Electrical & Electronics Engineering Information Technology Civil Engineering Industrial Engineering Biotechnology Architecture (5 Year B.Tech Programme)*	Electronics & Communication Engineering Electronics & Instrumentation Engineering Computer Science & Engineering Mechanical Engineering Electrical & Electronics Engineering Information Technology Civil Engineering Industrial Engineering Aeronautical Engineering
<b>5 Year Dual Degree (B.Tech.+M.Tech.)</b>	
B.Tech. + M.Tech. (ECE) B.Tech. + M.Tech. (Mechanical)	B.Tech. + M.Tech. (ECE) B.Tech. + M.Tech. (Mechanical)

**1.3. The following are the criteria for admission to B.Tech. Programs:**

- i) Pass in 10+2 / 12<sup>th</sup> examination from a recognized Central / State Board or its equivalent either in 2012 or 2011 subject to securing the following percentage of marks in specified subjects.
  - **B.Tech. (except Biotechnology) Programs** : A minimum of 60% aggregate marks in Mathematics, Physics & Chemistry and 1<sup>st</sup> Class or equivalent grade in the qualifying examination in single attempt.
  - **B.Tech. in Biotechnology**: A minimum of 60% aggregate marks in Mathematics, Physics & Chemistry or Biology, Physics & Chemistry and 1<sup>st</sup> Class or equivalent grade in the qualifying examination in single attempt.
- ii) **Rank obtained in GAT (UGT) 2012.**

**Note:** i) Candidates who are appearing for 10+2/12<sup>th</sup> examination in 2012 or who passed 10+2/12<sup>th</sup> examination in 2011 only are eligible. Students who passed 10+2/12<sup>th</sup> examination in 2010 or earlier are NOT eligible to appear for GAT (UGT) 2012.

ii)\* Candidates seeking admission to B.Arch. program should qualify NATA exam.

**1.4 Details of GAT (UGT) 2012**

The duration of the test is 2 hours. The test consists of three sections:

Section	Subject	No. of Questions	No. of Marks
A	Mathematics / Biology	40	120
B	Physics	30	90
C	Chemistry	30	90
	<b>Total</b>	<b>100</b>	<b>300</b>

All questions are of objective type (multiple choice questions), each question has four options out of which one is the correct answer. Each correct answer will be awarded 3 marks. 1 mark will be deducted from the score for each wrong answer. The unanswered questions will receive no marks.

**1.5 Syllabus for GAT (UGT) 2012: Visit [www.gitam.edu](http://www.gitam.edu)**

**Note :** Candidates appearing for GAT (UGT) 2012 (Test Code No.99) are also eligible for admission to B.Pharmacy, Bachelor of Business Management (BBM), Bachelor of Environmental Management (BEM) and 5 Year Integrated (B.Sc. + M.Sc.) Biotechnology programs.

**Admission to M.Tech. Programs  
GAT (PGT) 2012 Test Code No. 88**

**2.1 The GAT(PGT)-2012 (Online Admission Test) is conducted for admission to the following M.Tech. programs.**

**2.2 Visakhapatnam Campus**

M.Tech. Programs (Two Years)	
Computer Science and Technology (CST) * Software Engineering (SE) Information Technology (IT) RF & Microwave Engineering (RF & ME) VLSI Design Digital Systems & Signal Processing (DSSP) Electronic Instrumentation (EI)	Structural Engg. & Natural Disaster Management (SENDM) Power Systems and Automation (PSA) Machine Design (MD) CAD/CAM Industrial Engineering & Management (IEM) Biotechnology Food Processing Technology (FPT)

\* M.Tech. in Computer Science and Technology Program is offered at Hyderabad Campus also

**2.3 Eligibility criteria for admission to M.Tech. Programs :**

Pass in the Qualifying Examination as specified below with a minimum of 50% marks or equivalent grade and Score obtained in GAT (PGT) 2012.

M.Tech.	Qualifying Examination
CST	B.E./B.Tech./AMIE in any branch of Engineering or MCA or M.Sc. in Physics / Statistics / Mathematics / Applied Physics / Geophysics / Computer Science or equivalent
SE	B.E./B.Tech./AMIE in CSE / IT / ECE / EEE / EI / CSIT or MCA or M.Sc. in Computer Science /Information Systems or equivalent
IT	B.E./B.Tech./AMIE in any branch of Engg. or M.Sc. in Physics/Statistics/Mathematics/Applied Statistics/Applied Physics/Geophysics/Computer Science/Information Systems or MCA or equivalent
RF & ME	B.E./B.Tech./AMIE in ECE or M.Sc. in Electronics or M.Sc. (Tech) in Electronics or equivalent
VLSI Design	B.E./B.Tech./AMIE in ECE / EEE / EIE / CSE / IT / ICE or equivalent
DSSP	B.E./B.Tech./AMIE in ECE /EEE /EIE /CSE / IT / IEC or equivalent
EI	B.E./B.Tech./AMIE in ECE/EEE/EIE / IC / Instrumentation or equivalent / M.Sc. Instrumentation
SE & NDM	B.E./B.Tech./AMIE in Civil Engineering or equivalent
PS & A	B.E./B.Tech./AMIE in EEE or its equivalent
MD	B.E./B.Tech./AMIE in Mechanical/Production /Automobile /Marine /Aerospace or its equivalent
CAD/CAM	B.E./B.Tech./AMIE in Mechanical/Production /Automobile /Marine / Aerospace or equivalent.
I E & M	Any Engineering Degree or its equivalent
Biotechnology	B.Tech. in Biotechnology or B.Pharm or equivalent or B.Tech in Chemical Engg. or M.Sc. in Chemistry /Microbiology / Bioinformatics / Biotechnology) with proficiency in basic Biology with proficiency in basic Mathematics.
FPT	B.Tech Bio-Technology/Food Technology/Chemical Engineering/B.Pharmacy and MSC in Chemistry / Food Science with Proficiency in Basic Biology and Bio-Technology or MSC in any area of Biological Science with Proficiency in Basic Mathematics.

**2.4 Details of Admission Test GAT (PGT) 2012:**

The duration of the test is 2 hours. The test consists of three sections.

Section	Subject	No. of Questions	No. of Marks
A	Numerical Data Analysis / Quantitative Analysis	40	120
B	Reasoning & Intelligence	30	90
C	Verbal Ability	30	90
	Total	100	300

- Note:**
- All questions are of objective type (multiple choice questions), each question has four options out of which one is the correct answer. Each correct answer will be awarded 3 marks. 1 mark will be deducted from the score for each wrong answer. The unanswered questions will receive no marks.
  - GATE qualified candidates will be exempted from appearing for GAT (PGT) 2012, but they need to apply to GITAM University for admission before the last date and the candidate has to attend for counselling as per the schedule.

**2.5 Syllabus for Admission Test**

**Section A** 40 questions on Quantitative (Mathematical) Ability involving Arithmetic, Elementary Algebra, Geometry, Inequalities, Graphs (data interpretation), Sets, Relations, Functions etc.

**Section B** 30 questions on Analytical / Logical Reasoning

**Section C** 30 questions in Verbal Proficiency in English involving sentence completion, Analogy, Reading Comprehension, Antonyms, etc.

### 3. General Information

3.1. **GAT - 2012** (GITAM Admission Test) will be conducted **online** for admission to UG and PG Programs of Technology offered at Visakhapatnam and Hyderabad Campuses.

#### 3.2. **GAT- 2012 Online Tests**

Programs	Test	Test Code No
<b>B.Tech. 5 Year Integrated (B.Tech+M.Tech.) B.Arch.</b>	<b>GAT (UGT) 2012</b>	<b>99</b>
<b>M.Tech.</b>	<b>GAT (PGT) 2012</b>	<b>88</b>

#### 3.3. **How to Apply**

Candidates can apply in any one of the following methods:

- i) Apply online at **www.gitam.edu**
- ii) Applications are available throughout India in
  - Union Bank of India** (List of Branches is available on the website).
  - Indian Bank** (List of Branches is available on the website).
- iii) Applications can be obtained by post from Director-Admissions by sending a request on plain paper giving the candidate's name with complete mailing address accompanied by DD for Rs. 1100/- (Rs 700/- for Female candidates) drawn in favour of GITAM University payable at Visakhapatnam on any scheduled bank. Request by post will be accepted till 5<sup>th</sup> March, 2012.

The filled - in application along with Demand Draft for ₹ **1,000/-** (₹ **600/-** for female candidates), drawn in favor of GITAM UNIVERSITY, payable at Visakhapatnam on any scheduled bank, should reach Director-Admissions, GITAM UNIVERSITY, Gandhi Nagar Campus, Rushikonda, Visakhapatnam - 530 045, Andhra Pradesh, INDIA on or before **14<sup>th</sup> March, 2012**.

#### 3.4. **GAT-2012 CENTRES**

##### **Online Test Centres:**

- i) The University will be conducted online admission test at the following test centres depending upon the number of applications received for each centre.

<b>Bengaluru</b>	<b>Hyderabad</b>	<b>Kurnool</b>	<b>Vijayawada</b>
<b>Bhubaneswar</b>	<b>Hyderabad-GITAM</b>	<b>Nellore</b>	<b>Visakhapatnam</b>
<b>Chennai</b>	<b>Jamshedpur</b>	<b>Rajahmundry</b>	<b>Warangal</b>
<b>New Delhi</b>	<b>Khammam</b>	<b>Raipur</b>	
<b>Guntur</b>	<b>Kolkata</b>	<b>Tirupathi</b>	

- ii) The final list of centres will be announced to candidates through the website **www.gitam.edu**. The University reserves the right to cancel any test centre and in such a case, candidates allotted to these centres will be accommodated in alternate test centres.

- iii) Candidates are advised to note that depending on the response, tests may be conducted only for a limited number of days in some of the centres. The final list of test centres, venues and days of test will be announced only after all the applications are received and candidates will be informed of the same through the university website so that the candidates can choose their centre, date and time for the test as per their convenience and availability of slots in any of these centres. Candidates should indicate 3 different test centres, in order of preference, in the application for consideration by the University.
- iv) The candidate has to register his/her name in the registration counter at the test centre. The e-hall tickets of the candidates will be verified to satisfy the identity of each candidate. The candidate has to produce any one of the following for photo identification: passport / driving licence / EC voter ID card / IT PAN card / school or college photo bearing ID card. Each candidate will be given a seat with a computer. Candidate must take the allotted seat at least 15minutes before the test commences.
- v) Candidates will not be allowed to carry any textual material, printed or written, bits of papers or any other material except the e-hall ticket into the test hall. Candidates are also not permitted to bring calculators, slide rules, Clark tables and electronic watches with facilities of calculators, laptop or palmtop computers, personal stereo systems, walkie- talkie sets, mobile phones, paging devices or any other object/device that is likely to be of unfair assistance.
- vi) No candidate will be allowed to go outside the test hall till the completion of the entire duration of the test. Once a candidate leaves the hall, he/she cannot re-enter under any circumstances.
- vii) Smoking is strictly prohibited. Tea, coffee, cold drinks / snacks are not allowed into the test hall. There are no waiting facilities for family and friends at the test centre.
- viii) Candidates should maintain perfect silence. All actions of the candidate in the test hall will be closely monitored using web cam and closed circuit cameras. Any conversation or gesticulation or disturbance in the test hall shall be deemed as misbehavior and if any candidate is found using unfair means or impersonation, his/her candidature will be cancelled and they will be liable to be debarred from taking examination either permanently or for a specified period, as decided by the University. The University reserves the right to withhold result of such candidates.
- ix) Candidates must sign the attendance sheet in the presence of the invigilator. The candidate must fully obey the rules of the test centres, otherwise he / she will be automatically debarred from the test.
- x) In rare and unlikely event of a technical failure during the test, the candidate may be required to take the test again.

### **3.5. About GAT - 2012**

- i) **Candidates should arrive at the test centre one hour before the scheduled time.** There will be an on-site orientation prior to the start of the test. If a candidate arrives after the on- site orientation begins, he/she will not be allowed to take the test. If candidates do not report on time, they are likely to miss some of the general instructions relating to the test. The test hall will be opened 30 minutes before the commencement of the test.
- ii) The candidate is expected to have basic familiarity with use of computer like use of keyboard and mouse operation. It is the responsibility of the candidate to acquire these skills before appearing for the test and the University cannot take any responsibility for the same.
- iii) The questions are generated from a large question bank and all the candidates will get different question sets. An expert committee will ensure that the question sets are of comparable difficulty level, content, question type etc. In this matter, the decision of the University is final and binding on the candidate.

- iv) The candidate must ensure that the computer allotted to him/her is switched on and any problem with the computer is to be intimated to the Proctor immediately. All the questions will be in English medium only. All the questions will be of multiple choice.
- v) Each question carries 3 marks. Each correct answer will be awarded 3 marks. 1 mark will be deducted from the score for each wrong answer. The unanswered questions will receive no marks.
- vi) **Score Report:** On completion of the test, the computer will display the result in terms of number of total correct answers and wrong answers, with the score.
- vii) No student will be allowed to repeat the test in the same year.
- viii) The ranks secured by the candidates will be announced within 2 weeks from the date of completion of GAT-2012.

### 3.6. Merit List for Admissions

The merit position of the candidate for admission will be based on the score obtained in the GAT-2012. A candidate appeared for GAT-2012 will be eligible for admission only if he/she gets the required minimum marks in the qualifying examination as per the eligibility criteria subject to the rule of reservation as per UGC guidelines / norms as applicable to the University.

### 3.7. Fee Structure

in Rs.

Course	Duration	1 <sup>st</sup> Year			2 <sup>nd</sup> Year ₹	3 <sup>rd</sup> Year ₹	4 <sup>th</sup> Year ₹	5 <sup>th</sup> Year ₹
		Tuition Fee ₹	Special Fee ₹	Total ₹				
B.Tech. Aeronautical Engg.,	4 Years	2,10,500	15,000	2,25,500	2,25,500	2,25,500	2,25,500	-----
B.Arch.	5 years	1,61,000	15,000	1,76,000	1,76,000	1,76,000	1,76,000	1,76,000
B.Tech. (All other Branches)	4 Years	1,39,000	15,000	1,54,000	1,54,000	1,54,000	1,54,000	-----
Integrated Dual Degree (B.Tech. + M.Tech.)	5 Years	1,55,500	15,000	1,70,500	1,70,500	1,70,500	1,70,500	1,70,500
M.Tech.	2 Years	1,11,000	10,000	1,21,000	1,21,000	-----	-----	-----

### 3.8. Direct Admission to Board Toppers

First rank holders of the central and all state board examinations - 2012, equivalent to 10+2 will be given admission to the program of their choice, without appearing for the GAT examination subject to their fulfilling the prescribed eligibility criteria mentioned above. However they have to submit an application seeking admission into B.Tech. programs.

### 3.9. Special Provision for Female Candidates

GAT-2012 registration fee for female candidates is ₹ 600/- only. Further, the University will try its best to accommodate all female candidates at the test centre of their first preference.

### 3.10. Financial Assistance

The University offers financial assistance to the deserving meritorious candidates as follows:

- i) Merit Scholarships will be offered by way of tuition fee waiver for top 100 rankers of GAT (UGT) 2012.

Rank	Tuition Fee Exempted for First year
1-10	100 %
11-100	50 %

The continuation of these scholarships for the subsequent years will depend upon their academic performance.

- ii) Merit-cum-Means Scholarships will be awarded to 5% of students in each department of the academic institutes of the University @ ₹2,000/- per month depending upon merit of the student and income of the parent.
- iii) Stipends / Teaching Assistantships will be offered to meritorious students of M.Tech., depending upon the need and availability of suitable candidates, subject to a maximum of three students in each department @ ₹5,000/- per month.

#### **Important Dates and Deadlines for GAT – 2012**

<b>Last date of receipt of filled-in Applications</b>	<b>: 14<sup>th</sup> March, 2012</b>
<b>Online Slot Booking</b>	<b>: 30<sup>th</sup> March to 6<sup>th</sup> April, 2012</b>
<b>Download of E-Hall-Tickets from</b>	<b>: 30<sup>th</sup> March, 2012 onwards</b>
<b>Online Tests at different Centres</b>	<b>: 15<sup>th</sup> April to 4<sup>th</sup> May, 2012</b>
<b>Announcement of Test Results</b>	<b>: 16<sup>th</sup> May, 2012</b>

#### **Important points to note :**

- i. Hall Tickets will not be sent by post.
- ii. The University is not responsible for delay in receipt or loss of Application.
- iii. In all matters in the conduct of GAT–2012, the decision of the Vice-Chancellor will be final. All disputes pertaining to GAT–2012 shall be subject to the jurisdiction of Visakhapatnam.
- iv. Every effort has been made by GITAM University to ensure the correctness of the information provided in this document. However, in case of a conflict in interpretation, the decision of GITAM University is final and binding on those who apply for GAT-2012.