



GITAM
UNIVERSITY
(Estd. u/s 3 of UGC Act, 1956)

VISAKHAPATNAM ✻ HYDERABAD

Accredited by NAAC with 'A' Grade

Recognized as 'A' Category University by MHRD, Govt. of India

GSAT - 2012

GITAM Science Admission Test

UG & PG Programmes for the academic year 2012 - 13

A University Committed to Excellence



INSTITUTE OF SCIENCE

GITAM Institute of Science (GIS) is established with main emphasis on education and research in the basic and emerging areas of Science. The academic departments of GIS have been provided with state-of-the-art laboratories which include major facilities such as x-ray powder diffraction for nano studies. GIS offers a diversified learning experience characterized by strong faculty-student interaction with a perfect blend of structure and flexibility that allows students to develop personally and professionally in an enriching and collaborative environment. The curriculum is regularly revised to suit the requirements of research organizations and industry. GIS offers 3 under graduate, 12 post graduate and M.Phil./Ph.D., programmes in emerging fields of science.

The faculty with industry and research experience in leading laboratories of USA, France, Israel, Germany, South Africa, Taiwan etc., have undertaken research and consultancy projects with the financial assistance from various industrial undertakings and funding agencies such as UGC, DST, DAE, CSIR., etc. Research blended teaching is in regular practice for exposure to the students on contemporary developments in science.

The Institution is the first choice of the students from many states for pursuing quality education in sciences because of students graduated from GIS are among preferred employees by many top rated industries and also research establishments. Students undertake project works in national laboratories / industries with summer research fellowships offered by national funding agencies such as INSA etc., and a significant number of students are opting for higher studies at advanced national and international research facilities.

The Alumni of GIS have been occupying important positions in government, administration, industry and research organizations across the globe. GIS has been giving top priority to establish and strengthen a network of alumni, associating them in the academic activities particularly in curriculum design and campus placements.

Undergraduate and 5-year Integrated programmes

B C A (Bachelor of Computer Applications)

B E M (Bachelor of Environmental Mgmt.)

M.Sc. (5-year Integrated) Biotechnology

Postgraduate programmes

M.Sc. Analytical Chemistry

M.Sc. Applied Mathematics

M.Sc. Biochemistry

M.Sc. Bioinformatics

M.Sc. Biotechnology

M.Sc. Electronics Science (Embedded Systems and Networking)

M.Sc. Environmental Science

M.Sc. Food Science & Technology

M.Sc. Microbiology

M.Sc. Organic Chemistry

M.Sc. Physics (Nuclear /Space /Material /Nano)

Master of Computer Applications (MCA)

ABOUT THE PROGRAMMES

The UG & PG Science programmes are offered by eight departments of the Institute of Science located in Visakhapatnam Campus. The course curricula of the programmes are carefully designed to impart wide knowledge in the respective areas of specializations, suitable for placements in reputed organizations and for higher studies within and out side the country.

Department of Applied Mathematics:



Applied Mathematics careers flourish in areas of computer science, scientific computing, statistical methods, actuarial science, etc. The major recruiters include ISRO, Hindustan Shipyard, defense establishments, banking sectors, etc.

The Department offers two year M.Sc.(Applied Mathematics) programme. The courses are carefully designed to impart essential knowledge in Mathematics with opportunities for specialization in major areas of applied mathematics such as Real Analysis, Complex Analysis, etc. Students can also chose elective papers like Boundary value problems, Elasticity, Fluid dynamics, Optimization techniques, theoretical computer science etc.

The faculty members of the Department are well qualified and are actively engaged in research areas: Operations Research, Boundary value problems, Fuzzy logic, Fluid dynamics, etc. The faculty members have published good number of research papers in various reputed National and International journals. The Department has active links with reputed national institutes like IIT Madras, IIT Kharagpur and IISc Bangalore.

Department of Biochemistry:

The Department offers two programmes: M.Sc. Biochemistry and M.Sc. Bioinformatics.

The curricula of the above programmes are designed to cover basic and advanced aspects to provide quality education and hands-on experience to cater to the needs of academic & research organizations and industry.

The Department has qualified and experienced faculty, actively engaged in research in the areas of Cancer biology, Clinical biochemistry, Enzymology, Immunology, Molecular Biology & Genetic engineering, Genomics & Proteomics, Molecular modeling, Drug designing and Data mining. The Department is fortified with state-of-the-art equipment: HPLC, PCR, 2D electrophoresis, ELISA reader, etc.



Interactive learning enable the students to qualify in CSIR-NET, DST, DBT, ICMR and International research fellowships to pursue MS and Ph.D. programmes. The Alumni occupy coveted positions in prominent organizations like Dr. Reddy's labs, Shanta biotech, Aurobindo, GVK Biosciences, Wipro, Omics life sciences, Indian Immunologicals Limited, Sai advantium and Biocon.

Department of Biotechnology:



The Department offers two year M.Sc. in Biotechnology in addition to five year integrated M.Sc. [with an option to secure B.Sc. at the end of 3rd year and B.Sc. (Hons.) at the end of 4th year].

Biotechnology witnessed tremendous growth and progress in 21st century and influenced almost every sector of human life in areas like agriculture, human and animal health, pharmaceutical and chemical industries that enhanced the research and employment opportunities for M.Sc. students. Students are occupying positions in prominent organizations like Dr. Reddy's labs, Thomson Reuters, Monsanto, Dupont, Parexel, etc. Good number of students are also pursuing doctoral and post-doctoral programmes in various institutes like Max Planck institute, Glasgow University, NIH, IISc, CCMB, NII, AIIMS, etc.

The course curriculum is framed to impart wide knowledge to students in all areas of biotechnology with extensive research training so that they can qualify in national level fellowships/career examinations, like CSIR-UGC National Eligibility Test (NET), DBT, ICMR, BARC, DRDO, etc.

The Department has qualified and experienced faculty engaged in research in frontier areas like molecular biology, genetic engineering, nano biology, plant biotechnology, animal biotechnology and bioinformatics. The Department has good infrastructure facilities like audio visual class rooms, spacious laboratories with the state-of-the-art equipment like UV visible spectrophotometer, PCR, ELISA, millipore water purification system, CO₂ incubator, Inverted microscope, Gel documentation system, Lyophilizer, etc.

The Alumni occupy high positions in teaching and research in India and abroad.

Department of Chemistry:

The Department of Chemistry with qualified and experienced faculty, is presently offering two year M.Sc. programmes in Analytical and Organic Chemistry. Long-term and extensive links with industry and companies including Eisai Pharma Ltd, Matrix, Aurobindo Pharma, Divis, GVK-Bio and Hetero drugs ensure the market relevance of our degrees and have led to an exceptionally good track record in graduate employability and accelerated career progression.

The courses are designed with advanced topics on spectroscopy, nano technology, bioorganic chemistry and advanced instrumentation techniques in addition to the core subjects.

Faculty members engage extensively in interdisciplinary research in myriad areas of chemistry like Nano chemistry, advanced materials, computational chemistry, synthetic organic chemistry, natural products, environmental analytical chemistry, method validation and other applied fields of chemistry.



The Department has well equipped labs and some of the major instruments include FTIR, UV-VIS Spectrophotometer, powder XRD, nano particle analyzer flame photometers, ion selective meters and polarograph. Department of chemistry has a registered Alumni society which is actively engaged in promoting the network of students through an everlasting rapport with the Department.

Department of Computer Science:



The Department offers two programmes: BCA and MCA. Computer Science is a discipline that requires understanding the design of computers and computational processes. The discipline ranges from the theoretical study of algorithms to the design and implementation of software on systems for applications. The Department periodically updates the syllabi as per the need of the industry and for inter-disciplinary studies. The prominent recruiters are Yahoo, TCS, WIPRO, MIND, ACCENTURE, HP, CAPGEMINI, CSC, IGATE, HCL, etc.

The three year programs provide a solid foundation in mathematics, statistics, computational problem solving, computer organization architecture and management. The department is equipped with latest technology systems, international journals and e-journals facilitating faculty and students to pursue research, both in core and inter-disciplinary areas.

Alumni are in senior level positions in prominent software companies like Yahoo, TCS, WIPRO, MIND TREE, ACCENTURE, HP, CAPGEMINI, CSC, IGATE, HCL.

Department of Electronics & Physics:

The Department offers two year M.Sc. Electronics Science (with specialization in Embedded systems and Networking) and M.Sc. Physics (with specialization in Nuclear/Space/Nano/Material Sciences).

The invasion of embedded systems in micro to macro devices in entire human activity and the networking technology in all ICT enabled services have given impetus to the requirement of well trained man power in these two fast developing components of electronics science industry.

The setting up of a big national facility devoted to the development of nuclear energy related research by Department of Atomic Energy (DAE) near Visakhapatnam, calls for high caliber talented physicists. Besides, a big boom in Indian Space programme, breakthrough in nano and other wide ranging materials and their applications throughout the world, also require well trained graduates in these emerging areas of specialization.



The laboratories are well equipped state-of-the-art instruments like CCNA networking, embedded system kits, DSP kits, microwave bench, Scintillation & Geiger Muller counting systems with PC interfacing, in addition to good number of CROs, function generators, communication kits, etc.

The Department has qualified faculty undertaking interdisciplinary research in the fields of Nuclear science and applications, Embedded systems, Networking, Nano physics and Solid state physics. The faculty members undertake collaborative research and MoU projects with Bhabha Atomic Research Centre with the financial assistance by UGC, DAE, BRNS, UGC-DAE CSR, etc.

The prominent recruiters include IT majors such as Wipro, Infosys, HCL and hardware companies like Panacea Medical Technology, Efftronics, etc. The Alumni have excelled in securing good placements in both soft and hardware industries and also pursuing research programmes in India and abroad.

Department of Environmental Studies:



Technological growth and development in recent times has been striving to elevate the standards and quality of life. However, it has also resulted in multi-faceted environmental problems, which need to be tackled through an integrated approach involving the latest advances in the fields of physical sciences, biological sciences and engineering.

The inter-disciplinary programmes of three year Bachelor of Environmental Management (B.E.M.), and two year M.Sc Environmental Sciences have been specially designed to cater to the daily needs, by providing technically trained manpower for solving environmental problems. The programmes provide a platform for

environmental scientists and technocrats to utilize their respective skills in an integrated manner and evolve strategies for effective environmental conservation and management. The prominent recruiters are APPCB, APITCO, L&T cements, Ramky group, Matrix, Synergies Dooray, Vimta Labs, etc.

The curricula includes core subjects like applications of ecology, environmental chemistry, environmental microbiology, remediation technologies, environmental impact assessment, waste water treatment and industrial safety.

The faculty members have specialized in inter-disciplinary areas and actively doing research in phytoremediation, water resource management. Environmental pollution, environmental geology. etc. The research projects are funded by national agencies like UGC, DST, BRNS industries like NTPC, VPT, etc.

The department is equipped with advanced instruments such as spectrophotometer, flame photometer, Online gas analyzers, Weather station, noise meters, Respirable dust samplers, Bomb colorimeter, Radiation meter and other sophisticated instruments for analysis of water & waste water, air and soil/solid waste samples, etc., besides modeling and Geographic Information System.

The Alumni occupy high positions in teaching and research in India and abroad.

Department of Microbiology and Food Science & Technology:

Projections for the next 20 years suggest that there will be a demand for trained microbiologists such as bacteriologists, virologists, biotechnologists, cell biologists, environmental scientists, geneticists, immunologists, mycologists, parasitologists and also researchers in various Universities, research institutes and industries. The course curriculum is designed to train the students for gainful employment in various microbiology based industries and research organizations around the globe. The major recruiters are Indian Immunologicals Limited, Reddys' laboratories, Divis, Coromandel fertilizers etc. The laboratories are well equipped with modern equipment like bioreactor, ELISA reader, refrigerated centrifuges, UV visible spectrophotometer.



The Department also offers two year M.Sc. in Food Science & Technology with an aim to train the man power required for fast expanding food industry in the country. The students are trained in food chemistry, food engineering, food processing and product development. The major recruiters are Nestle, Capricorn Foods, etc. The students are trained in National and International Institutes like CFTRI, DFRL, NIN, etc. The Department provides hands on experience on equipment such as juice extractor, moisture analyzer, multipurpose machine, packing machine.

The Department has qualified, well trained and experienced faculty in, algal biotechnology, industrial biotechnology, microbial biotechnology, bioremediation, food product development and nutrition.

The Alumni are occupying senior positions in teaching, industry and research in India and abroad.



Faculty:

The main strength of the University is its dedicated and committed faculty numbering over 670 in various disciplines both at Visakhapatnam and Hyderabad campuses who nurture the budding scientists and professionals through effective teaching and practical training. ICT based methods are extensively used. Most of the faculty have hands-on experience in industry and research organisations. The faculty have undertaken a number of research projects sponsored by various funding agencies, and also offer consultancy to major industries across the country. In addition to the regular faculty, the University is inviting visiting faculty from industry and research institutes to teach specialized courses.

Tie-up with foreign universities and other establishments:

The University has entered into several tie-ups and collaborations with prestigious institutions in India and abroad. These include tie-ups with West Virginia University (USA), University of Glasgow, SUNY (B), Central Michigan University, University of Nebraska, Burgundy School of Business, Southern Polytechnic State University, Bhabha Atomic Research Centre (BARC), etc. The University also has tie-ups with several multi national corporations - IBM, Ericsson, Oracle, Intelli Group, TCS, HCL, WIPRO - to impart training in IT skills to the students at the university campus.

Central Library:

A fully air-conditioned central library popularly known as Knowledge Resource Centre is provided with all modern facilities like Internet, Digital Library and E-learning centre. The Library has a rich collection of 11.60 lakh books and e-learning resources, periodicals, national and international journals. It is provided with Info-Net service that facilitates online access to e-books and e-journals.

World Class Data Centre:

GITAM has a Data Centre (Central Computing Facility) housing a Super Computer capable of delivering 1.5 Teraflops (1.5 Trillion Floating Point Operations per second), an enterprise-class Unified storage of 70 Terabytes (expandable to one petabyte-1000 terabytes), 60 high-end servers most of which are virtualized with VMware-Enterprise+ with implementation of Cloud Computing. The network at GITAM is a world -class network with 10G backbone and a sophisticated high-end Wi-Fi network covering the entire campuses, both at Visakhapatnam and Hyderabad, which is capable of streaming live and on-demand video lectures to thousands of students. The wired and securely managed Wi-Fi networks together are capable of serving upto 15,000 simultaneous clients. The network is connected to the internet at a blazing speed of 1 Gbps (1000 Mbps).

Campus amenities:

The day-to-day needs of the student community are well taken care of by the amenities provided on the campus like day care health centre, Union Bank of India and Indian Bank with ATM, Post office, Book Store, Photo Studio, Travel Agency, Beauty Parlor, Sub-Way and Food Courts.

ADMISSION INFORMATION

I. For admission to M.Sc. Programmes:

Candidates seeking admission to various M.Sc. programmes of GITAM Institute of Science of GITAM University are required to appear for an entrance test **GSAT - 2012** to be held at various centres in Andhra Pradesh and outside. Admission is based on the rank obtained in the entrance test.

Requirement for admission to all science programmes is a minimum aggregate of 50% marks in group (optional) subjects in the qualifying examination.

Candidates who have already passed qualifying examination or who have appeared/ are appearing for the final examinations in 2012 are eligible.

The GSAT - 2012 consists of the following tests. In each test, there will be 60 multiple choice questions from the syllabus which can be downloaded from the GITAM website www.gitam.edu. Ranks will be given separately based on the performance in the respective tests.

Course into which admission is sought	Test code No.	Subject of the test	No. of bits*	Max. Marks	Max. Time
M.Sc. Applied Mathematics	101	Mathematics	60	60	1 hour
M.Sc. Physics	102	Physics/ Electronics	60	60	1 hour
M.Sc. Electronics Science					
M.Sc. Analytical Chemistry	103	Chemistry	60	60	1 hour
M.Sc. Organic Chemistry					
M.Sc. Biochemistry	104	Life Sciences	60	60	1 hour
M.Sc. Biotechnology					
M.Sc. Microbiology					
M.Sc. Food Science & Technology					
M.Sc. Bioinformatics	105	Bioinformatics	60	60	1 hour
M.Sc. Environmental Science	106	Environmental Science	60	60	1 hour

* *The question paper contains three sections: A (15 bits), B (20 bits), C (25 bits)*

NOTE: *Candidates are required to apply separately for each test. Fee for each test is Rs.300/-*

ELIGIBILITY CRITERIA:

Sl. No.	Eligibility for admission into	Qualifying examination with specialization at degree level
1	M.Sc. Applied Mathematics	B.Sc. with Mathematics as one of the subjects; and Maths & Physical sciences in Intermediate or 10 +2 level
2	M.Sc. Physics	B.Sc. with Physics, Mathematics and any other subject
3	M.Sc. Electronics Science	B.Sc. with Electronics/Physics, Mathematics and any other subject
4	M.Sc. Analytical Chemistry	B.Sc. with Chemistry as one of the subjects
5	M.Sc. Organic Chemistry	B.Sc. with Chemistry as one of the subjects
6	M.Sc. Biochemistry	Any two of the following subjects in B.Sc: Agriculture, Biochemistry, Bioinformatics, Biotechnology, Botany, Chemistry, Environmental Science, Food & Nutrition, Genetics, Home Science, Medical Lab Technology, Microbiology, Zoology
7	M.Sc. Biotechnology	
8	M.Sc. Microbiology	
9	M.Sc. Food Science & Technology	
10	M.Sc. Bioinformatics	Any two of the following subjects in B.Sc: Agriculture, Biochemistry, Bioinformatics, Biotechnology, Botany, Chemistry, Computer Science, Environmental Science, Food & Nutrition, Genetics, Home Science, Mathematics, Medical Lab Technology, Microbiology, Physics, Zoology
11	M.Sc. Environmental Science	First preference will be given to BEM candidates. The remaining seats will be allotted to candidates with B.Sc. in Life Sciences or Physical Sciences

II. For admission to UG programmes [BEM / 5 year Integrated M.Sc. and BCA]:

GITAM Institute of Science, GITAM University, offers the following courses for Intermediate / +2 candidates.

- **Bachelor of Environmental Management (BEM)**
- **Five year Integrated M.Sc. Programme in Biotechnology** (with an option to secure B.Sc. at the end of 3rd year and B.Sc. (Hons.) at the end of 4th year)

[Candidates with science optionals are only eligible]

- **Bachelor of Computer Applications (BCA)**

Candidates seeking admission to the above programmes are required to appear for an entrance test **GSAT - 2012** to be held at various centres in Andhra Pradesh and outside. Admission is based on the rank obtained in the entrance test.

Requirement for admission to the above programmes is a minimum aggregate of 50% marks in group (optional) subjects in the qualifying examination.

Candidates who have already passed qualifying examination or who have appeared/ are appearing for the final examinations in 2012 are eligible.

The GSAT - 2012 consists of the following tests. In each test, there will be altogether 60 multiple choice questions from the syllabus which can be downloaded from GITAM website www.gitam.edu.

Course into which admission is sought	Test code No.	Subject of the test
BEM / Five year integrated M.Sc.	107	Mathematics or Biology, Physics and Chemistry (or) Environmental education*
BCA	108	Analytical Ability

* for candidates with other than science optionals at Intermediate / +2, seeking admission to BEM programme only

Test Code No.107 contains three sections and in each section there will be 30 multiple choice questions:

Section	Subject	No. of bits	Maximum Marks
A	Mathematics	30	30
B	Physical Sciences	30	30
C	Biological Sciences	30	30

Group / optional subjects in the Qualifying examination (+2 or equivalent)	Sections to be answered	Maximum Time
Mathematics, Physics and Chemistry	SECTION A & B	1 hour
Biology, Physics and Chemistry	SECTION B & C	1 hour

Candidates with other than science optionals at Intermediate / +2, seeking admission to BEM programme, have to attempt Section D of Test Code No.107:

Section	Subject	No. of bits	Maximum Marks	Maximum Time
D	Environmental Education	60	60	1 hour

Test Code No.108 contains only one section with 60 multiple choice questions each carrying one mark.

Test Code No.	Subject	No. of bits	Maximum Marks	Maximum Time
108	Analytical Ability	60	60	1 hour

NOTE: Candidates are required to apply separately for each test. Fee for each test is Rs.300/-

*Candidates qualified in GAT-2012 are also eligible for admission to BCA, BEM and M.Sc. Biotechnology (5 year integrated) programmes

III. For admission to MCA programme:

Candidates seeking admission to MCA programme are required to appear for an entrance test **GSAT - 2012** to be held at various centres in Andhra Pradesh and outside. Admission is based on the rank obtained in the entrance test.

Requirement for admission to the above programmes is a pass in any Degree with 50% Marks and Mathematics at +2 level or Degree level or equivalent examination.

Candidates who have already passed qualifying examination or who have appeared/ are appearing for the final examinations in 2012 are eligible.

Test Code No.109 contains three sections A (15 bits), B (20 bits), C (25 bits)

Test Code No.	No. of bits	Maximum Marks	Maximum Time
109	60	60	1 hour

Section	Subject	No. of bits	Maximum Marks
A	Communicative Ability	15	15
B	Analytical Ability	20	20
C	Mathematical Ability	25	25

IV. TEST CENTRES (for both Postgraduate and Undergraduate courses):

Srikakulam, Visakhapatnam, Rajahmundry, Kakinada, Eluru, Bhimavaram, Vijayawada, Guntur, Ongole, Tirupathi, Khammam, Warangal, Hyderabad, Kurnool, Anantapur

Rayagada, Berhampur, Bhubaneswar, Guwahati, Raipur, Kota

(Tests will be conducted at the above centres depending on the number of candidates opting for the particular centre. If sufficient number of candidates do not opt for a particular centre, those candidates will be allotted to the nearby centre)

V. FINANCIAL ASSISTANCE

GITAM University offers financial assistance in the form of merit fellowships / merit-cum-means scholarships to the deserving candidates.

- Merit fellowships will be awarded to 10% of students of each M.Sc. programme @ Rs.2000/- per month depending upon their performance at the first semester end examinations. Continuation of this fellowship depends on his/her performance in the first year.
- Merit-cum-means scholarships will be awarded to 5% of students joining in various programmes of GITAM Institute of Science @Rs.2000/-per month depending on his/her performance in the first semester end examinations and income of the parent (subject to a maximum income of Rs.2,00,000/- per annum). Continuation of this scholarship depends on his/her performance in the first year of his/her study.

VI. HOW TO APPLY

- Applications can be downloaded from GITAM website www.gitam.edu
- Applications can be obtained by post, from Principal, GITAM Institute of Science by sending a request on plain paper giving the candidate's name with complete mailing address, accompanied by DD for Rs.350/- drawn in favour of GITAM University payable at Visakhapatnam on any scheduled bank. Request by post will be accepted till 04th April 2012.
- Candidates appearing for more than one test need to submit separate application along with the prescribed fee of Rs.300/- for each test.

Filled in applications along with attested copies of the following certificates and the prescribed fee of Rs.300/- should reach the Principal, GITAM Institute of Science, GITAM UNIVERSITY, Rushikonda, Visakhapatnam-530 045, A.P., India on or before **15.04.2012**

1. Date of Birth extract of SSC / ICSE/CBSE / Matriculation certificate
2. Degree / Provisional Certificate of the qualifying degree examination in the case of candidates appearing for PG programmes. Intermediate / 10 +2 certificate in the case of candidates appearing for UG programmes
3. Caste Certificate issued by appropriate authority for claiming reservation under SC/ST
4. Medical Certificate issued by appropriate authority for claiming under PH category

VII. HALL TICKETS

1. Hall tickets will be sent to candidates by post one week before the date of commencement of entrance test. In case of non-receipt of hall ticket in time, candidates are advised to contact the office of the Principal, GITAM Institute of Science, GITAM University at Tel No. (0891) 2840450/451/452 two days before the test date.
2. Hall ticket should be retained carefully as it has to be produced at the time of admission.
3. Hall tickets can also be downloaded from www.gitam.edu

VIII. TEST PROCEDURE

1. Candidates are advised to come to the examination hall at least half an hour before the commencement of the test.
2. Candidates will not be admitted into the examination hall without hall ticket or after the commencement of the test. They will not be allowed to leave the examination hall before the stipulated time.
3. Calculators, cell phones, books, papers, logarithm tables, slide-rule or any other calculating aids are not allowed into the examination hall.
4. Candidates should answer only on the answer sheet.
5. The Chief Superintendent of the test centre can take disciplinary action on candidates involved in indiscipline, malpractice, impersonation, etc., and the answer scripts of such candidates will not be valued.

IX. MERIT RANK

All candidates will be awarded GSAT - 2012 test-wise rank as per marks secured in the test appeared and they will be kept on the website.

X. FEE STRUCTURE

PROGRAMMES	FEE PARTICULARS		
	First semester* ()	Second semester ()	Total ()
POST-GRADUATE (2 years)			
M.Sc. Applied Mathematics	25,400.00	16,900.00	42,300.00
M.Sc. Physics / Electronics Science	30,900.00	22,400.00	53,300.00
M.Sc. Analytical Chemistry/Organic Chemistry	41,900.00	33,400.00	75,300.00
M.Sc. Biochemistry/Biotechnology/Microbiology/ Food Science & Technology	41,900.00	33,400.00	75,300.00
M.Sc. Bioinformatics	41,900.00	33,400.00	75,300.00
M.Sc. Environmental Science	30,900.00	22,400.00	53,300.00
MCA (3 years)	58,400.00	49,900.00	1,08,300.00
UNDER-GRADUATE (3 years)			
BEM	15,700.00	11,200.00	26,900.00
BCA	21,200.00	16,700.00	37,900.00
INTEGRATED M.Sc. (5 years)			
Biotechnology	41,900.00	33,400.00	75,300.00

* to be paid at the time of admission

XI. RESERVATION OF SEATS

Admission to various courses of study shall be made on the basis of GSAT - 2012 rank and eligibility criteria subject to the rule of reservation as applicable to GITAM University.

XII. IMPORTANT DATES

- Last date of receipt of filled in applications 15.04.2012
- Test date 04.05.2012
- Announcement of test result 14.05.2012
- Counseling date 06.06.2012

For any information, please contact **Principal, GITAM Institute of Science (0891-2840450, 2840451, 2840452; principal_science@gitam.edu)**



GITAM UNIVERSITY

(Estd. u/s 3 of UGC Act, 1956)

Gandhinagar Campus, Rushikonda, Visakhapatnam-530045, A.P., India
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Accredited by NAAC with 'A' Grade

DUPLICATE

GSAT - 2012

GITAM Science Admission Test

UG & PG Programmes for the academic year 2012 - 13

HALL TICKET

Test Code:

Centre code:

Hall Ticket No (to be filled in by the office)

Name of the candidate
(in capital letters)

Name of the Parent/Guardian

Signature of the candidate

Recent Passport
size Photograph
attested by
Gazetted Officer



GITAM UNIVERSITY

(Estd. u/s 3 of UGC Act, 1956)

Gandhinagar Campus, Rushikonda, Visakhapatnam-530045, A.P., India
0891-2840450/451/452 / 2790101, Telefax: 0891 – 2790032, website: www.gitam.edu

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ORIGINAL

GSAT - 2012

GITAM Science Admission Test

UG & PG Programmes for the academic year 2012 - 13

HALL TICKET

Test Code:

Centre code:

Hall Ticket No (to be filled in by the office)

Name of the candidate
(in capital letters)

Name of the Parent/Guardian

Signature of the candidate

Recent Passport
size Photograph
attested by
Gazetted Officer

Note: Candidate must fill and enclose this page along with the application.

INSTRUCTIONS TO FILL THE APPLICATION

- Please fill the application in English. Use CAPITAL LETTERS only.
- Please do not overwrite on the application form.
- The application should be filled properly and legibly by the candidate in his/her own handwriting in blue or black ball pen.
- A recent passport size photograph of good quality should only be affixed. Please do not staple or pin the photograph. Please do not sign or attest the photograph.

NOTE: *Candidates are required to apply separately for each test. Fee for each test is Rs.300/-*

1. **Test Code:** For example, if Bioinformatics 105

Subject	Code No.	Subject	Code No.	Subject	Code No.
Mathematics	101	Bioinformatics	105	MCA	109
Physics/Electronics	102	Environmental Science	106		
Chemistry	103	BEM/Integrated M.Sc.	107		
Life Sciences	104	BCA	108		

2. **Centre Code:** For example, if Visakhapatnam 202

Centre	Code No.	Centre	Code No.	Centre	Code No.	Centre	Code No.
Srikakulam	201	Vijayawada	207	Hyderabad	213	Guwahati	219
Visakhapatnam	202	Guntur	208	Kurnool	214	Raipur	220
Rajahmundry	203	Ongole	209	Anantapur	215	Kota	221
Kakinada	204	Tirupathi	210	Rayagada	216		
Eluru	205	Khammam	211	Berhampur	217		
Bhimavaram	206	Warangal	212	Bhubaneswar	218		

3. **Name of the candidate** should be in 'CAPITAL LETTERS' only. Leave one blank space after each initial or word in the name. For example: for ADDANKI SRINIVASA RAO

Surname

A	D	D	A	N	K	I				
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Name

S	R	I	N	I	V	A	S	A		R	A	O
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NOTE: SIMILAR PROCEDURE FOR ITEMS NOS. 4 AND 11 ALSO

5. **Date of Birth:** For example, if date of birth is 12 February 1988

Day Month Year

1	2	0	2	1	9	8	8
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6. **Sex:** Male - M, Female - F

For example, M
if male

8. **Reservation Code:** For example, if SC

SC - 301, ST - 302, PH - 303 301

9. Particulars of Qualifying Examination:

(a) Examination Code:

For PG Programmes: B.Sc. - 01 B.Sc. (vocational) - 04
B.Sc. (Ag) - 02 BEM - 05
B.Sc. (Home science) - 03 Others-06

For UG Programmes: Intermediate - 01
Intermediate (vocational) - 02
10 +2 (ICSE/CBSE) - 03

(b) Result Status Code: Appeared - 01 Completed - 02

(c) Group Subject Code in Qualifying Examination

For PG Programmes:

Agriculture	01	Computer Science	07	Mathematics	13
Biochemistry	02	Electronics	08	Medical Lab Technology	14
Bioinformatics	03	Environmental Science	09	Microbiology	15
Biotechnology	04	Food & Nutrition	10	Physics	16
Botany	05	Genetics	11	Zoology	17
Chemistry	06	Home Science	12	Others	18

For UG Programmes:

Biology	01	Physics	04
Chemistry	02	Others	05
Mathematics	03		

CHECK LIST

Duly filled in application form along with the prescribed fee of Rs.300/- (DD should be drawn in favour of Principal, GITAM Institute of Science, GITAM University and payable at Visakhapatnam)

Copy of the degree / provisional certificate of the qualifying examination in the case of candidates appearing for PG programmes.

Intermediate / 10 +2 certificate in the case of candidates appearing for UG programmes.

Copy of Date of Birth Certificate (SSC / ICSE/CBSE / Matriculation certificate)

Copy of Caste Certificate issued by appropriate authority for claiming reservation under SC/ST

Copy of Medical Certificate issued by appropriate authority for claiming under PH category



Unique features

- A top class University on par with the best in the country
- Highly qualified and committed faculty
- Adjunct faculty from industry
- Visiting faculty from reputed industry and academic institutions
- Group Personal Accident Insurance for Students
- Dedicated Training and Placement wing
- Collaborations with foreign universities and industry majors
- Near 100% placements with lucrative packages
- Alumni in prominent positions all over the world

Campus facilities

- Wi-fi campus with 1000 Mbps internet connectivity
- World class Data Centre
- Entrepreneur Development Cell
- On campus training to students
- Sophisticated language labs
- State-of-the-art infrastructure
- Separate hostel facilities for boys and girls
- World class sports facilities
- Highly active NCC and service oriented NSS units
- 33 Modern Computer labs with over 3500 desktop computers, with licensed softwares
- Health care



PLACEMENT RECORD

The University attaches utmost importance to placement services to the students. A full-fledged Training & Placement wing is established for science students to facilitate career guidance and improve their employability. Placement officers organise pre-placement training by professionals and arrange special coaching in personality development and communication skills.

GITAM enjoys patronage of several multi national corporations. GITAM's high standards are well-recognized by many MNCs and other companies in IT, Pharma, Chemical, Hardware and other fields across the country drawing them to conduct campus interviews on a large scale.

Campus recruitments have been a regular feature by top companies and research laboratories in addition to IT industry. These include Eisai, Dr.Reddy's Laboratories, Indian Immunologicals Limited, Aurobindo Pharmaceuticals, Matrix, Panacea Medical Technologies Pvt. Ltd., Biocon, Parexell, Thompson India., Infosys, TCS, HCL, Yahoo, WIPRO, CSC, Cognigent Technologies, Packetware, etc.

Attractive compensation packages are offered to the graduate students in campus placements. Some of the prominent recruiters are:



Visakhapatnam Campus

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For more information about GSAT-2012 visit:

www.gitam.edu