



**GITAM  
UNIVERSITY**

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

VISAKHAPATNAM ✻ HYDERABAD

**Accredited by NAAC with 'A' Grade**

# **GIPAT - 2012**

**(GITAM INSTITUTE OF PHARMACY ADMISSION TEST – 2012)**

**A University Committed to Excellence**

# GITAM INSTITUTE OF PHARMACY

**GITAM Institute of Pharmacy** is established with the main objective of providing world-class education in Pharmacy with a mission to make it a centre of excellence ensuring high quality value based education and unwavering commitment to provide quality teaching and innovative research.

The Institute offers a four year B. Pharmacy and two year M.Pharmacy programmes in the branches of Pharmaceutics, Pharmaceutical Analysis & Quality Assurance, Pharmacology and Pharmaceutical Chemistry apart from Ph.D. in Pharmacy. The basic mission of providing pharmaceutical education by the Institute is to create industry friendly inputs through latest technical skills, pre and para-clinical skills apart from allied core concepts, basic and interdisciplinary knowledge to fit into present global scenario.

The Institute's core strengths of academic rigor, focus on teaching-learning, handpicking of teaching talents in various specializations and involvement of industrial and academic experts in teaching, have been endorsed by professionals and academicians across the globe.

GITAM Institute of Pharmacy is an elite institution with the state-of-the-art infrastructural facilities, modern laboratories and student support services coupled with dedicated and experienced faculty. The skills and expertise imparted by the Institute enrich the student and help moulding them into creative, innovative and intellectually vibrant pharmaceutical technocrats of the future. Further, the Institute focuses on research and development in developing the formulations imparting effective patient-care services, etc., with high ethical values and life-long commitment to humanity to meet the national and global challenges in the dynamic fields of pharmaceutical industry and health care.

The Institute's instructional program provides a broader knowledge of the theoretical as well as practical concepts with continuous updates & inspired delivery of contents. The curriculum addresses the core aspects like API, formulation development, quality control, quality assurance, pre and para-clinical components, drug regulatory affairs, clinical trials, labeling and packaging of drugs, pharmacy practice and drug information services, etc., apart from foundation knowledge skills, soft skills, industrial and hospital visits with project works which enriches the techno-professional skills to handle the diversified needs of the pharma industry and healthcare sector.

The holistic academic culture, individual care to students, world-class academic ambience, campus facilities, commitment for quality education has attracted the attention of aspiring students across the country to nurture and shape their careers in pharmacy at GITAM University as a most preferred destination for pharmacy education.



# State-of-the-art Infrastructure

The Institute provides state-of-the-art infrastructural facilities with modern laboratories numbering 16, spacious lecture halls, staff rooms, library, multi-purpose hall, seminar hall, animal house, students' common room and all other facilities exclusively designed for UG, PG and research programs in Pharmacy.

## Pharmaceutics

The Pharmaceutics laboratories for Physical Pharmacy, Dispensing & Hospital Pharmacy, Pharmaceutical Engineering, Pharmaceutical Technology, Cosmetic Technology, etc., are fully equipped with state-of-the-art equipments such as - Electro lab dissolution rate test apparatus, tablet compression machines, tray driers, all purpose equipment and many more to impart industry oriented skills in manufacturing of formulations.



## Pharmaceutical analysis

The Pharmaceutical analysis laboratories with central instrumentation facilities for Pharmaceutical Analysis, Chemical Analysis,, Electro Chemical Analysis, Chromatographic methods of Analysis, Instrumental Methods of Analysis, Advanced Instrumental Methods of Analysis, are equipped with high end instruments like Shimadzu HPLC with PDA Detector, UV Visible Spectrophotometer, Florimeter, Flame Photometer etc.,



## Pharmacology

The Pharmacology laboratories for APHE, Pharmacology, Pharmacological Methods of Screening, Advanced Systemic Pharmacology, Bioassays & Screening Methods are fully equipped with all essential instruments like Actophotometer, Rotarod, Poleclimbing Apparatus, Analgesiometer, Convulsiometer, Plethsmograph, Sherrington drums with Perspex bath assembly, Centrifuge, Metabolic cages, etc.



## Pharmaceutical chemistry

The Pharmaceutical chemistry laboratories for Pharmaceutical Organic Chemistry, Medicinal Chemistry, Advanced Medicinal Chemistry, Pharmaceutical Inorganic Chemistry, Medicinal Biochemistry, Chemistry of Bulk Drugs, Chemistry of Natural Products are fully equipped with state-of-the-art equipments like Rotary Evaporator, Microwave Oven, Digital Melting Point Apparatus, Muffle Furnace, Reflux flask with condenser etc.



## Pharmacognosy and Phytochemistry

The Pharmacognosy and Phytochemistry laboratories for Phytomedicines, Chemistry of Natural Products, Herbal Drug Technology are equipped with equipments of industrial significance such as I R Moisture Balance, Digital Colony Counter, Projection Microscope, Zone Reader, Laminar Air Flow, Florimeter, Autoclave, Soxhlet Apparatus, TLC Kit, Clevenger's Apparatus, BOD Incubator, Hot Air Oven, Microscopes, Binocular and Trinocular Microscopes etc.



## Pharmaceutical Biotechnology

Pharmaceutical Biotechnology laboratory is provided with modern facilities with aseptic unit for the labs like Pharmaceutical Microbiology, Disinfection Sterilization and Immunology, Biological Pharmacy and Pharmaceutical Biotechnology for the UG program with latest equipments like Laminar Airflow, BOD Incubator, Orbital Shaker Incubator, Gel Electrophoresis, Tissue Culture Station, Rheometer, Viscometer, Sonicator, Respinometer, Water Bath Incubator etc.

### 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 lakhs 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 up to 15,000 simultaneous clients. The network is connected to the Internet at a blazing speed of 1Gbps (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 Parlour, Sub-Way and Food Courts.

### Placements:

The University has an exclusive Placement Cell for Pharmacy programmes that organise campus interviews and industry based project works. Placement potential of GITAM Pharma graduates is all the more promising with international pharmaceutical companies developing their state-of-the-art units in the Pharma City of Visakhapatnam.

### Fee Structure:

Course	Duration	Fees for 1 <sup>st</sup> year			2 <sup>nd</sup> Year Fee Rs.	3 <sup>rd</sup> Year Fee Rs.	4 <sup>th</sup> Year Fee Rs.
		Tuition Fee Rs.	Special Fee Rs.	Total Rs.			
B.Pharmacy	4 Years	1,27,500/-	10,000/-	1,37,500/-	1,37,500/-	1,37,500/-	1,37,500/-
M.Pharmacy	2 Years	2,72,500/-	30,000/-	3,02,500/-	3,02,500/-	-	-

Candidates have to pay the fees for 1st year at the time of admission and the remaining fees are to be paid at the time of registration for the respective academic year.

### Incentives to meritorious students

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

- ❖ Merit-cum-Means Scholarships to the deserving candidates.
- ❖ Teaching Assistantships to M.Pharm students.
- ❖ Earn while you learn scheme.

### Important Dates for GIPAT (UG & PG) - 2012:

- Issue/download of applications from the website 05.01.2012 (Thursday)
- Last date of receipt of filled in applications 16.04.2012 (Monday)
- Entrance Test 04.05.2012 (Friday)



# 1. General Instructions

## 1.1. Introduction

**GIPAT - 2012** will be conducted for admission to **UG and PG Programmes in Pharmacy offered at Visakhapatnam campus.**

## 1.2. GIPAT 2012 Admission Tests

Programs	Test	Test Date
B. Pharmacy	GIPAT (UG) 2012	04-05-2012
M. Pharmacy	GIPAT (PG) 2012	04-05-2012

## 1.3. How to Apply

Candidates can apply in any one of the following methods:

- Applications can be downloaded from the website **www.gitam.edu**
- Application can also be obtained from the office of the Principal, GIP on payment of Rs.100/- in person, or can be obtained by post by sending a request along with a DD for Rs.100/- drawn in favor of GITAM Institute of Pharmacy, payable at Visakhapatnam.
- The filled-in application along with the Demand Draft for **Rs. 600/-** drawn in favor of GITAM Institute of Pharmacy, payable at Visakhapatnam on any scheduled bank, along with the copies of the certificates of qualifying examinations and other relevant certificates should be sent to the Principal, GITAM Institute of Pharmacy, GITAM UNIVERSITY, Gandhi Nagar Campus, Rushikonda, Visakhapatnam- 530 045, Andhra Pradesh, INDIA on or before the last date for submission of application.

## 1.4. GIPAT-2012 TEST CENTRES

**Admission Tests for GIPAT 2012: GIPAT (UG) 2012 / GIPAT (PG) 2012**

- The written test for admission to the B. Pharm & M. Pharm programme will be conducted at the following centres all over India depending upon the number of applications received for each centre. Candidates should indicate three different test centres in order of preference.

<b>Bhubaneswar</b>	<b>Hyderabad</b>	<b>Rajahmundry</b>	<b>Visakhapatnam</b>
<b>Delhi</b>	<b>Kolkata</b>	<b>Tirupathi</b>	<b>Warangal</b>
<b>Guntur</b>	<b>Raipur</b>	<b>Vijayawada</b>	

- The University reserves the right to cancel any test centre. In case of cancellation of any centre(s) for any reason, the candidates who have opted for such centre(s) will be accommodated in an alternate test centre. The final list of test centres and venues will be decided only after the cut off date of receipt of applications. The details will be displayed on the website [www.gitam.edu](http://www.gitam.edu).

## 1.5. About GIPAT - 2012

- Candidates should arrive at the test centre one hour before the scheduled time.
- All the questions will be in English language only. All the questions will be of multiple choice. Instructions for answering the questions need to be followed scrupulously.
- The test result will be announced within one month from the date of completion of GIPAT-2012.

## 1.6. Merit List for Admissions

A candidate who has appeared for GIPAT-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. The merit position of the candidate for admission will be based on the score obtained in the admission test (GIPAT 2012).

## 1.7. Direct Admission to Board Toppers

First rank candidates of all central and state boards in India for the year 2012 will be given direct admission to the B. Pharmacy programme, irrespective of their GIPAT-2012/ GAT (UGT) 2012 score as per the eligibility criteria mentioned above. However they have to submit the application as prescribed.

**Note:** Candidates appearing for GAT (UGT) 2012 (Test Code No. 99) of GITAM University are also eligible for admission to B. Pharmacy programme, subject to fulfilment of norms. Details of GAT (UGT) 2012 (Test Code No. 99) are

## 2. Admission to B. Pharmacy Programme (4 Years)

GIPAT (UG) 2012

(Pharmacy programme is offered at Visakhapatnam campus)

2.1 Common entrance test GIPAT (UG) 2012 is conducted for selection of candidates for admission to B. Pharmacy Programme.

### 2.2 Admission Criteria:

The following are the criteria for admission to B. Pharmacy Programme:

i) Pass in 10+2/12<sup>th</sup> examination in Science stream from a recognized Central / State Board or its equivalent either in 2012 or 2011, subject to securing the following percentage of marks :

A minimum of 60% marks in the group aggregate of Physics, Chemistry & Mathematics / Biology and 1<sup>st</sup> Class or its equivalent grade in the qualifying examination in a single attempt.

ii) Rank obtained in GIPAT (UG) 2012 / GAT (UGT) 2012

### 2.3 Details of GIPAT (UG) 2012

Duration of the test	:	2 hours
No. of sections	:	3 (A,B,C)
Nature of Questions	:	Multiple choice
No. of choices for each question	:	4
Marks for each question	:	3
Total number of multiple choice questions	:	100
Total marks	:	300

### 2.4 Entrance test pattern:

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>

**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. The unanswered questions will receive no marks.

### 3. Admission to M. Pharmacy Programmes

#### GIPAT (PG) 2012

(Pharmacy programme is offered at Visakhapatnam campus)

3.1 Admission test GIPAT (PG) 2012 is conducted for selection of candidates for admission to M. Pharmacy Programme.

#### M. Pharmacy (2 Years)

- Pharmaceutics
- Pharmaceutical Analysis & Quality Assurance
- Pharmacology
- Pharmaceutical Chemistry

#### 3.2 Admission Criteria:

The following are the criteria for admission to M. Pharmacy Programme.

- B. Pharmacy with a minimum of 50% marks or its equivalent grade
- Rank obtained in GIPAT (PG) 2012.

#### 3.3 Details of Admission Test GIPAT (PG) 2012:

Duration of the test	:	2 hours
No. of sections	:	4 (A,B,C,D)
Nature of Questions	:	Multiple choice
No. of choices for each question	:	4
Marks for each question	:	3
Total No. of multiple choice questions	:	100
<b>Total marks</b>	:	<b>300</b>

#### 3.4 Entrance test pattern:

Section	Subject	No. of Questions	No. of Marks
A	Pharmaceutics	25	75
B	Pharmaceutical Analysis & Quality Assurance	25	75
C	Pharmacology	25	75
D	Pharmaceutical Chemistry	25	75
	<b>Total</b>	<b>100</b>	<b>300</b>

**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. The unanswered questions will receive no marks.

3.5 Syllabus for GIPAT (PG) 2012 : Visit [www.gitam.edu](http://www.gitam.edu)

## HALL TICKETS

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 on time, candidates are advised to download from [www.gitam.edu](http://www.gitam.edu) or contact the office of the Principal, GITAM Institute of Pharmacy, GITAM University at Tel No. (0891) 2840551 two days before the test date.

Hall ticket should be retained carefully as it has to be produced at the time of counseling/provisional admission. Candidates are advised to refer to the instructions to the candidates furnished on the back page of the Hall Ticket. Candidates are advised to follow the same scrupulously.

## Instructions to fill the application

- Please fill the application in English (CAPITAL LETTERS).
- Please do not overwrite on the application form.
- Application should be filled in properly and legibly by the candidate in his/ her own hand writing.
- Use blue or black ball pen for filling the application.
- A recent passport size colour photograph of good quality (not earlier than three months) should only be affixed. Please do not staple or pin the photograph. Please do not sign or attest the photograph.
- Candidate should indicate three different test centres in order of preference in the application for consideration by the University.

## Check List

- Duly filled in application form along with the prescribed fee of Rs. 600/-.
- Photocopy of SSC/ICSE/CBSE/ Matriculation Certificate in support of date of birth.
- Photocopy of the Intermediate/ 10+2 certificate in the case of candidates appearing for the B. Pharmacy.
- Recent passport size colour photographs to be pasted at the appropriate places of application and the hall ticket.
- Photocopy of the original degree/ Provisional Certificate of B.Pharm examination in the case of candidates appearing for the M. Pharmacy.
- Photocopy of the Caste Certificate issued by the competent authority for claiming reservation under SC/ST category.
- Photocopy of Medical Certificate issued by the competent authority for claiming under PH category.
- Self addressed envelope (9x4 cm).

## Important Note:

- i. The University is not responsible for any delay in the receipt or loss of Application.
- ii. The decision of the Vice-Chancellor will be final on all matters relating to the conduct of GIPAT-2012. All disputes pertaining to GIPAT-2012 shall be subject to the jurisdiction of Visakhapatnam.
- iii. 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/ appear for GIPAT-2012.

## For further details please contact:

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