

## **M.Phil. / Ph. D. ADMISSIONS BROCHURE (2015-16)**

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GITAM University offers the following Research programmes for the year 2015-16.

1. M.Phil. (Full-time / Part-time)
2. Ph.D. (Full-time / Part-time)

### **I. GENERAL:**

1. The Directorate of Admissions, GITAM University invites applications for admission into Research programmes in the subject areas as indicated in Appendix-I based on merit in the qualifying examination and entrance examination and as per the admission rules and regulations.
2. Admission for the following categories will be taken up during any time of the year.
  - (i) Candidates with JRF (CSIR/UGC/NET qualification).
  - (ii) Candidates selected as project fellows in the projects sanctioned by national funding agencies.
  - (iii) Candidates under FIP programme.
  - (iv) Candidates under extramural category.
3. Eligibility criteria for M.Phil. /Ph.D. programmes offered are given in Appendix-II.
4. **Candidates are advised to go through the information brochure carefully and apply for admission. The admission will be based on the information provided by the candidate at the time of application only.**
5. **(i) A candidate must satisfy the admission criteria.**  
**(ii) A candidate must secure prescribed marks in the entrance examination and personal interview.**
6. Candidates admitted to full-time M.Phil./Ph.D. should not undertake any assignment / employment or shall not pursue any other full-time programme of study simultaneously.
7. **The University reserves the right to admit or not to admit the candidate into any Research programme.**

## **II. HOW TO APPLY:**

1. **Candidates have to submit a separate application form for each programme: M.Phil./Ph.D.** along with a Demand Draft for ₹ **3,000/-** (Rupees Three thousand only) towards registration fee in favour of **GITAM University** drawn on any scheduled bank payable at **Visakhapatnam**. The name of the applicant should be written on the reverse side of the D.D.
2. The filled-in application should reach along with all enclosures to the Director, Admissions GITAM University, GN Campus, Rushikonda, Visakhapatnam - 530 045 (Andhra Pradesh) on or before **31<sup>st</sup>July, 2015**.
3. The Office of the Directorate of Admissions will not take any responsibility for the non-receipt of application sent by post / courier due to any other reason whatsoever.

## **III. ADMISSION INFORMATION:**

1. **Admission shall be based on the percentage of marks in the qualifying examination and entrance examination and personal interview subject to the fulfillment of the eligibility criteria following the rule of reservation.**
2. Candidates at the time of admission are required to submit the following original certificates in support of their qualification and reservation if claimed in the application.
  - i. Postgraduate / M.Phil. Original degree / provisional certificate.
  - ii. Marks statements of qualifying examination.
  - iii. Transfer and Conduct certificate from the Institution where the candidate last studied.
  - iv. Certificate of NET/GATE/GPAT score card.
  - v. Migration certificate for candidates from other than GITAM University.
  - vi. Date of birth certificate (SSC / Matriculation or equivalent certificate).
  - vii. Integrated community certificate issued by the competent authority in case of SC/ST candidates.
  - viii. Medical Certificate from not below the rank of a Civil Surgeon in case of PHC.
  - ix. Physical fitness certificate.
  - x. One set of Xerox copies of all the above certificates.
  - xi. Service certificate and "No objection" certificate from the present employer (for part-time candidates only).

#### **IV. ELIGIBILITY AND FEE STRUCTURE:**

##### **A. Eligibility for M.Phil. Programme:**

###### **1. Full-Time:**

**a)** Postgraduate degree holders of GITAM University or any other University recognized by the GITAM University as equivalent thereto with at least second class securing at least 55% of marks or equivalent grade (50% in the case of SC/ST candidates) in the concerned subject or in an allied subject can register for fulltime M.Phil. Degree.

**b) Admissions shall be based on Entrance Test (GURCET) followed by interview.**

**c)** The candidates qualified in CSIR-UGC (NET), ICMR, GATE, GPAT and Project fellows working in the projects recognized in national funding agencies with one year experience are eligible to join M.Phil. (FT) without appearing for the above test.

###### **2. Part-Time:**

**a)** Candidates satisfying the above eligibility conditions can be registered as Part-Time candidates in the following order of priority and by following service seniority in the respective cadre.

**b)** Teachers working in PG Departments of recognized Universities and their affiliated Colleges with a minimum of **one year** of service.

**c)** Teachers working in Degree colleges and other professional colleges affiliated to recognized Universities with at least **two years** of service.

**d)** Executives / Administrators / Engineers / Scientists with at least **three years** of service in Govt. / Quasi Govt. / Judiciary / Public Sector organizations / Public and Private Limited Companies and other organizations approved by Board or Research Studies.

**e)** Teachers working in approved Junior Colleges with atleast **three years** of service.

**f)** Employees not covered in the above clauses with at least **four years** of service as approved by Board of Research Studies.

## Duration and fee structure for M.Phil. Programme:

The duration of M.Phil. (full-time) shall be **12 months**. The candidate is required to spend the prescribed period of 12 months in the concerned department of the University.

The duration of M.Phil. (part-time) shall be **two years**. The candidate is required to spend at least **8 weeks** in total in each year in the concerned department of the University to complete course work and all the requirements for the award of the Degree.

Following is the Fee structure for M.Phil. Programme:

<b>M.Phil. (Full-Time)</b>	<b>M.Phil. (Part-Time)</b>
1 <sup>st</sup> Year ₹ 48,500/-	1 <sup>st</sup> Year ₹ 42,500/-
	2 <sup>nd</sup> Year ₹ 36,500/-

**A candidate is required to pay ₹ 5,000/- towards adjudication fees at the time of submission of M.Phil. thesis.**

## B. Eligibility for Ph.D. Programme:

Candidates pursuing the degree of Ph.D. whether Full-time, Part-time or Interdisciplinary or Extramural shall possess the minimum qualifications for admission as specified below:

### 1. Full-Time:

- a) Post-graduate degree holders of GITAM University or any other University recognized by the GITAM University as equivalent thereto with at least second class securing at least 55% of marks or equivalent grade (50% in the case SC/ST candidates) in the subject concerned or in an allied subject can register for full-time Ph.D. Degree.
- b) Admissions are based on entrance test (**GURCET**) followed by Interview.
- c) The candidates qualified in CSIR-UGC (NET), ICMR, GATE, GPAT, Project Fellows working in the projects recognized by national funding agencies at least for one year will be considered for admission without appearing for entrance test.
- d) Candidates admitted into full time Ph.D. programme need to complete prescribed course work.

## 2. Part-Time:

Candidates satisfying the above eligibility conditions can register as part time candidates in the following order of priority and on the basis of service seniority in each category.

- a) Teachers working in any postgraduate department of any recognized University or its affiliated Colleges with minimum of **one year** of service.
- b) Scientists working in research institutions recognized by GITAM University with a minimum of **two years** of service.
- c) Teachers working in any affiliated Degree / Professional Colleges with a minimum of **three years** of service.
- d) Executives / Administrators / Engineers with at least **three years** of service in Govt. / Quasi Govt. / Judiciary / Public Sector organizations / Public and Private Limited Companies and other organizations approved by BRS.
- e) Teachers working in Junior Colleges with at least **four years** of service.
- f) Any other employee not covered above with at least **five years** of service.

## 3. Duration and Fee structure for Ph.D. Programme:

The duration of Ph.D. (full-time) is **three years** for Master's degree holders in Science / Management / M.E. / M.Tech. / M.C.A. / M.L. / LL.M / M.Pharm. / M.D.S./ M.S. / M.D. degree holders from the date of registration.

The duration of Ph.D. (part-time) is **four years** for Master's degree holders in Science / Management / M.E. / M.Tech. / M.C.A. / M.L. / LL.M / M.Pharm. / M.D.S / M.D / M.S./ degree holders from the date of registration.

The duration of Ph.D. is two years (Full-Time) / three years (Part-Time) for candidates possessing M.Phil. Degree.

A part time candidate, in organizations other than GITAM University will be required to spend a semester in the University campus during the prescribed total period of research and complete course work prescribed.

Following is the Fee structure for Ph.D. programme:

Ph.D.	Full-Time	Part-time
1 <sup>st</sup> Year	₹ 60,500	₹ 66,500
2 <sup>nd</sup> Year	₹ 54,500	₹ 60,500
3 <sup>rd</sup> Year	₹ 54,500	₹ 60,500
4 <sup>th</sup> Year	--	₹ 60,500

A candidate is required to pay ₹ **20,000/-** towards adjudication fee at the time of submission of Ph.D. thesis.

### **C. Extramural:**

For admission into Ph.D. Programme under Extramural category, there should be an internal guide (Principal guide) recognized by GITAM University in the recognized Research Institution where the candidate is working and a co-guide from GITAM University. Eligibility for admission into extramural category shall be:

- a) Scientists working in research institutions recognized by GITAM University who have PG or equivalent degree and at least **two years** of experience.
- b) Research scholars with PG or equivalent degree having fellowship attached to Institutions recognized by GITAM University.
- c) Registration for an extramural candidate may be done at any time of the year.

### **D. Interdisciplinary:**

A Candidate who registers for Ph.D. whose work involves more than one department in the University will be admitted under Interdisciplinary category and will be registered in the department in which the major part of the research work is to be carried out under the guidance of a Research Guide and a Co-Research Guide from the other department.

The Candidate who wishes to pursue Interdisciplinary research must submit a statement of purpose along with the application. The statement may contain the objective, definition of the problem, method, justification and the disciplines involved.

### **V. Research Assistantships:**

A few selected full-time Ph.D. candidates based on merit will be considered for Research Fellowship / Assistantships.

## **Appendix-I**

### **M.Phil. / Ph.D. (Full-time / Part-time) Programmes**

Admissions into M.Phil. / Ph.D. programmes shall be made in the following subject areas indicated below:

#### **a) Faculty of Engineering:**

##### **Ph.D. (Full-time / Part-time / Extramural / Interdisciplinary):**

Biotechnology, Civil Engineering, Computer Science & Engineering and Information Technology, Electronics and Communication Engineering, Electrical and Electronics Engineering, Manufacturing & Industrial Engineering, Mechanical Engineering.

#### **b) Faculty of Science:**

##### **M.Phil. (Full-time / Part-time), Ph.D. (Full-time / Part-time / Extramural / Interdisciplinary):**

Applied Mathematics, Biochemistry, Bioinformatics, Biotechnology, Chemistry, Computer Science, Electronics, Environmental Science, Food Science Technology, Microbiology, Physics.

#### **c) Faculty of Management Studies:**

##### **M.Phil. (Full-time / Part-time), Ph.D. (Full-time / Part-time / Extramural / Interdisciplinary):**

Accounting, Economics, Entrepreneurship, Financial Management, Human Resources Management, Marketing Management, Operations Management, Applied Psychology and Applied Philosophy.

#### **d) Faculty of International Business:**

##### **M.Phil. (Full-time / Part-time), Ph.D. (Full-time / Part-time / Extramural / Interdisciplinary):**

Global Logistics and Supply Chain Management, International Finance, Marketing, International Trade & Finance, Global Operations Management, International Accounting, Management in the Global Context.

#### **e) Faculty of Pharmacy:**

##### **Ph.D. (Full-time / Part-time / Extramural / Interdisciplinary):**

Pharmaceutics, Pharmaceutical Analysis & Quality Assurance, Pharmacology, Pharmaceutical Chemistry, Pharmacognosy & Phytochemistry, Pharmaceutical Biotechnology.

## Appendix-II

### Eligibility criteria for admission into M.Phil / Ph.D. programmes

<b>A. Faculty of Engineering – Ph.D. (FT / PT)</b>		
<b>S.No.</b>	<b>Discipline</b>	<b>Eligibility</b>
1	Biotechnology	M.E./M.Tech. in the concerned branch
2	Civil Engineering	
3	Computer Science & Engineering	
4	Information Technology	
5	Electronics & Communication Engineering	
6	Electrical & Electronics Engineering	
7	Manufacturing & Industrial Engineering	
8	Mechanical Engineering	

<b>B. Faculty of Science – M.Phil. &amp; Ph.D. (FT / PT)</b>		
<b>S.No.</b>	<b>Discipline</b>	<b>Eligibility</b>
1	Biochemistry / Bioinformatics	M.Sc. degree in Biochemistry, Bioinformatics, Microbiology, Botany, Chemistry, Biotechnology, Zoology, Environmental Science or any branch of Biological Sciences or M.Pharm. or M.V.Sc. or M.Sc. (Agriculture) or MBBS or M.Tech. or equivalent degree.
2	Biotechnology	M.Sc. degree in Biotechnology, Microbiology, Biochemistry, Chemistry, Botany, Zoology, Environmental Science or any branch of Biological Science or M.Pharm. or M.V.Sc or M.Sc. (agriculture) or MBBS or M.Tech. or equivalent degree.
3	Chemistry	M.Sc. degree in Chemistry or Industrial Chemistry Environmental Science or Applied Chemistry or any other specialization in Chemistry.
4	Computer Science	Master degree in Computer Applications (MCA) / Information Sciences (MS (IS)) / Computer Science (M.Sc. (CS)) / M.Tech. in Information Technology (IT) / Computer Science & Engineering (CSE) or equivalent Master's in Computers.



5	Electronics / Physics	M.Sc. degree in Electronics, Physics, Nuclear Physics, Biophysics, Space Physics, Applied Physics, Environmental Science, Material Science, Applied Mathematics or M.E. / M.Tech. / M.Sc. (Engg.) or any other specialization in Physics / Electronics Science.
6	Food Science & Technology	M.Sc. degree in Food Science Technology, Food Science Nutrition, Home Science or any branch of Life Sciences.
7	Environmental Science	M.Sc. degree in Environmental Studies or Environmental Science or any PG degree in Science, Engineering or Management.
8	Applied Mathematics	M.Sc. degree in Applied Mathematics or Mathematics or Statistics or Physics or MCA or M.Tech. / M.E. in any branch of Engineering.
9	Microbiology	M.Sc. degree in Microbiology, Biotechnology, Biochemistry, Chemistry, Botany, Zoology, Food Science, Environmental Science or any branch of Biological Sciences or M.Pharm. or M.V.Sc or M.Sc. (Agriculture) or M.B.B.S or M.Tech. or equivalent degree.

### C. Faculty of Management – M.Phil& Ph.D. (FT / PT)

S.No.	Discipline	Eligibility
1	Accounting	M.B.A, PGDM(IB), M.Com, M.A. (Economics), M.Sc. (Statistics), M.A (Psychology), M.L., M.Sc (Applied Mathematics), MHRM, MA (IRPM) with specialization in the concerned area of research.
2	Economics	
3	Entrepreneurship	
4	Financial Management	
5	Human Resources Management	
6	Marketing Management	
7	Operations Management	
8	Applied Psychology	M.A. Psychology or related disciplines
9	Applied Philosophy	M.A. Philosophy or related disciplines

<b>D. Faculty of International Business- Ph.D. (FT / PT)</b>		
<b>S.No.</b>	<b>Discipline</b>	<b>Eligibility</b>
1	Global Logistics and Supply Chain Management	Masters Degree in International Business, Management, Commerce, Economics, Law, Social Sciences, Engineering and Applied Mathematics in the respective discipline.
2	International Finance	
3	Marketing	
4	International Trade & Finance	
5	Global Operations Management	
6	International Accounting	
7	Management in the Global Context	

<b>E. Faculty of Pharmacy – Ph.D. (FT / PT)</b>		
<b>S.No.</b>	<b>Discipline</b>	<b>Eligibility</b>
1	Pharmaceutics	M.Pharmacy with specialization in Pharmaceutics, Pharmaceutical Analysis & Quality Assurance, Pharmacology, Pharmaceutical Chemistry, Pharmacognosy & Phytochemistry, Pharmaceutical Biotechnology
2	Pharmaceutical Analysis & Quality Assurance	
3	Pharmacology	
4	Pharmaceutical Chemistry	
5	Pharmacognosy & Phytochemistry	
6	Pharmaceutical Biotechnology	