



## **DIRECTORATE OF ADMISSIONS**

### **M.Phil./Ph.D. ADMISSIONS BROCHURE (2018-19)**

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GITAM offers the following Research programmes for the academic year 2018-19.

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

**Please read the following carefully before filling the Application**

#### **I. GENERAL**

- 1.1 Applications are invited for admission into Research programmes offered by GITAM in the subject areas as indicated in Appendix-I.
- 1.2 Candidates belonging to the following categories need not appear for the Entrance Test:
  - (i) Those who are qualified and possessing a valid score in UGC-NET (including JRF)/UGC-CSIR NET (including JRF) / ICMR / GATE / GPAT / SLET / Teacher Fellowship and M.Phil. Degree holders.
  - (ii) Those serving as Project Fellows in the projects sanctioned by national funding agencies.
- 1.3 Candidates admitted into Full-time M.Phil./Ph.D. programme should not undertake any assignment/ employment or shall not pursue any other full-time programme of study simultaneously.
- 1.4 The last date for submission of applications is 10-03-2018.
- 1.5 GITAM reserves the right to admit or not to admit the candidate into any Research programme.

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

- 2.1 Candidates have to submit applications online at [www.gitam.edu](http://www.gitam.edu) by paying ` 3,000/- (Rupees Three thousand only) through Debit card/ Credit card (Master/VISA)/Net Banking.
- 2.2 Candidates have to upload copies of all the certificates mentioned in the section 3.2 (a).
- 2.3 The Office of the Directorate of Admissions will not take any responsibility for the non-receipt of applications in time.

### III. ADMISSION INFORMATION

3.1 Admission shall be based on the marks secured in the Entrance test and Interview, subject to the fulfillment of the eligibility criteria and the rules of reservation.

3.2 (a) The following certificates are to be uploaded along with online application

- (1) Date of Birth (SSC/Matriculation or equivalent certificate)
- (2) Postgraduate Degree/M.Phil. Degree or Provisional Certificate as applicable
- (3) NET / ICMR / GATE / GPAT / SLET etc. valid scores, if applicable
- (4) Service certificate and "No objection" certificate from the present employer (for part-time candidates only).

(b) The following Certificates (in original) are to be presented at the time of admission for verification:

- (1) Postgraduate Degree / M.Phil. Degree or Provisional Certificate as applicable.
- (2) Marks Statements of the qualifying examination.
- (3) Transfer and Conduct certificates from the Institution where the candidate last studied.
- (4) NET / ICMR / GATE / GPAT / SLET etc. valid scores, if applicable.
- (5) Migration certificate (for candidates from other than GITAM).
- (6) Date of Birth (SSC / Matriculation or equivalent certificate).
- (7) Integrated community certificate issued by the competent authority in case of SC/ST candidates.
- (8) Medical Certificate from not below the rank of a Civil Surgeon in case of PHC.
- (9) Physical fitness certificate.
- (10) Service certificate and "No objection" certificate from the present employer (for part-time candidates only).

3.3 Eligibility

Candidates seeking admission into M.Phil. or Ph.D. programme can pursue research under Full-Time and Part-Time, subject to eligibility criteria stipulated below:

3.3.1. Educational Qualification: Eligibility criteria for admission M.Phil. /Ph.D. programmes are given in Appendix-II. The candidates should have secured at least 55% marks in aggregate or its equivalent grade B in the UGC 7 – point scale/ or the point scale followed in the concerned Institutions. However, a relaxation of 5% marks, or an equivalent grade is permitted for SC/ST/ Differently abled candidates.

3.3.2. Service requirement for Part-Time candidates

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

- (b) Teachers working in Degree or Professional colleges affiliated to recognized Universities with at least two years of service.
- (c) Teachers working in recognized Junior Colleges with at least three and four years of service for admission to M.Phil. and Ph.D. programmes respectively.
- (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 the BRS.
- (e) Employees not covered in the above clauses with at least four years of service as approved by the BRS.

#### **IV. DURATION OF THE PROGRAMMES**

- 4.1 M.Phil. (FT) programme shall be for a minimum of one year and a maximum of two years.
- 4.2 M.Phil. (PT) programme shall be for a minimum of two years and a maximum of four years.
- 4.3 Ph.D. (FT) programme shall be for a minimum of three year (two years for M.Phil. Degree holders) and a maximum of six years.
- 4.4 Ph.D. (PT) programme shall be for a minimum of four years (three years for M.Phil. Degree holders) and a maximum of six years.
- 4.5 Part time candidates are required to work for at least eight weeks (in one or more than one spell) each year including the period of course work in the concerned department.
- 4.6 Women candidates and persons with disability (more than 40% disability) be allowed a relaxation of one year for M.Phil. and two years for Ph.D. in the maximum duration prescribed for the program.
- 4.7 In addition, women candidates may be provided Maternity Leave / Child Care Leave once in the entire duration of M.Phil./Ph.D. for up to 240 days.

#### **V. DETAILS OF THE ENTRANCE TEST**

- 5.1 The Syllabus for the entrance test can be downloaded from website [www.gitam.edu](http://www.gitam.edu)
- 5.2 The syllabus shall have 50% coverage on Research Methodology and 50% on specific subject.
- 5.3 The duration of the test is two hours.
- 5.4 The test comprises of a combination of conventional & objective type questions.
- 5.5 The maximum marks for the written test is 160 (80 for Research Methodology and 80 for specific subject).
- 5.6 Candidates who secure 50% in the written test shall be eligible for interview.
- 5.7 Interview is conducted for 40 Marks.
- 5.8 The merit list for admission shall be prepared on the basis of marks obtained together in the entrance test and interview.

## VI. COURSE WORK

- 6.1 Course work is mandatory for M.Phil. and Ph.D. scholars. However, Ph.D. candidates with M.Phil. degree are exempted.
- 6.2 Candidates have to put in a minimum of 75% attendance per course to be eligible to appear for the examinations.
- 6.3 The course work comprises the following:

Course - I	: Research Methodology	100 marks
Course - II	: Advanced topics in the Area of Research	100 marks
Course - III	: Comprehensive Viva-voce	50 marks
- 6.4 Each course shall have 40 contact hours. Classes for Course - I shall be arranged by the Institute, and that of Course - II by the concerned Research Supervisor.
- 6.5 M.Phil. candidates have to qualify in the prescribed courses within 6 months and the Ph.D. candidates within 12 months from the date of registration
- 6.6 Candidates have to secure at least a "P" grade in each of all the three courses simultaneously to be declared to have completed the course work.
- 6.7 Unsuccessful candidates shall be provided only two more chances to complete the course work.
- 6.8 The registration of the candidates who could not complete even after reappearance stands cancelled and they have to re-register for the programme.

## VII. FEE STRUCTURE FOR M.Phil./Ph.D. PROGRAMME

Following is the Fee structure for M.Phil./Ph.D. Programme:

S.No.	Programme	Fee (Rs.)
1.	M. Phil (Full-Time)	58,600
2.	M. Phil (Part-Time)	
	1 <sup>st</sup> Year	51,300
	2 <sup>nd</sup> Year	44,000
3.	Ph.D. (Full-Time)	
	1 <sup>st</sup> Year	73,200
	2 <sup>nd</sup> Year	66,000
	3 <sup>rd</sup> Year	66,000
4.	Ph.D. (Part-Time)	
	1 <sup>st</sup> Year	80,000
	2 <sup>nd</sup> Year	73,200
	3 <sup>rd</sup> Year	73,200
	4 <sup>th</sup> Year	73,200

In addition, the candidate is required to pay prescribed adjudication fee at the time of submission.

### **VIII. RESEARCH ASSISTANTSHIPS**

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

## **Appendix-I**

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

#### **Area of Research**

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)**

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

#### **B. Faculty of Science**

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

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

#### **C. Faculty of Management**

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

Accounting, Economics, Entrepreneurship, Financial Management, Human Resources Management, Marketing Management, Operations Management.

#### **D. Faculty of International Business**

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

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

#### **E. Faculty of Pharmacy**

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

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

#### **F. Faculty of Arts**

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

Applied Psychology and Applied Philosophy.

**Appendix-II**  
**Admission into M.Phil / Ph.D. programmes**  
**Eligibility Criteria**

<b>A. Faculty of Engineering – Ph.D. (FT / PT)</b>		
<b>S.No.</b>	<b>Discipline</b>	<b>Eligibility</b>
1	Biotechnology	i. M.Tech. /M.E. or equivalent degree in the concerned branch ii. B.Tech. in Biotechnology or B.Pharm or equivalent or B.Tech. Chemical Engineering or M.Sc.in Chemistry /Microbiology / Bioinformatics / Biotechnology) with proficiency in basic Biology with proficiency in basic Mathematics.
2	Civil Engineering	i. M.Tech. /M.E. or equivalent degree in the concerned branch ii. B.E./B.Tech /AMIE in Civil Engineering or its equivalent
3	Computer Science & Engineering	i. M.Tech. /M.E. or equivalent degree in the concerned branch ii. B.E./B.Tech./AMIE in any branch of Engineering or its equivalent
4	Information Technology	i. M.Tech. /M.E. or equivalent degree in the concerned branch ii. B.E./B.Tech./AMIE in any branch of Engineering or its equivalent
5	Electronics & Communication Engineering	i. M.Tech. /M.E. or equivalent degree in the concerned branch ii. B.E./B.Tech./AMIE in ECE / EIE / Instrumentation or its equivalent
6	Electrical & Electronics Engineering	i. M.Tech. /M.E. or equivalent degree in the concerned branch ii. B.E./B.Tech./AMIE in EEE or its equivalent
7	Industrial Engineering	i. M.Tech. /M.E. or equivalent degree in the concerned branch ii. B.E./B.Tech /AMIE in any branch of Engineering or its equivalent
8	Mechanical Engineering	i. M.Tech. /M.E. or equivalent degree in the concerned branch ii. B.E./B.Tech./AMIE in Mechanical/Production / Automobile /Marine /Aerospace or its equivalent

<b>B. Faculty of Science – M.Phil./ Ph.D. (FT / PT)</b>		
<b>S.No.</b>	<b>Discipline</b>	<b>Eligibility</b>
1	Biochemistry / Bioinformatics	M.Sc. degree in Biochemistry, Biotechnology, Microbiology, Chemistry, Genetics, Botany, Zoology, Environmental Science or any branch of Biological Science or M.Pharm. or M.V.Sc or M.Sc. (agriculture) or MD, MS or M. Tech in Biotechnology, Chemical engineering or Food technology.
2	Biotechnology	M.Sc. degree in Biotechnology, Microbiology, Biochemistry, Chemistry, Genetics, Botany, Zoology, Environmental Science or any branch of Biological Science or M.Pharm. or M.V.Sc or M.Sc. (agriculture) or MD, MS or M. Tech in Biotechnology, Chemical engineering or Food technology.
3	Chemistry	M.Sc. degree in Chemistry (any specialization).
4	Computer Science	Master degree in Computer Applications (MCA) / Information Sciences (M.Sc (IS)) / Computer Science (M.Sc. (CS)) / M.Tech. in Information Technology (IT) / Computer Science & Engineering (CSE) or equivalent Master's in Computer Sciences.
5	Electronics / Physics	M.Sc. degree in Electronics, Physics, Nuclear Physics, Theoretical Physics, Biophysics, Space Physics, Applied Physics, Materials Science, Solid State Physics or M.E. / M.Tech. / M.Sc. (Engg.) or any other equivalent 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 or M.Pharm. or M.V.Sc or M.Sc. (Agriculture), Engineering (M.E. / M.Tech. / M.Sc. (Engg.) 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 MD, MS or M.Tech. or equivalent degree.



<b>C. Faculty of Management – M.Phil./Ph.D. (FT / PT)</b>		
<b>S.No.</b>	<b>Discipline</b>	<b>Eligibility</b>
1	Accounting	M.B.A, two year 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	

<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	M.B.A, M.A. (Economics), M.Com, M.A (Social Sciences), M.Sc. (Applied Mathematics/Statistics), B.Tech. / M.Tech. in the concerned or in allied subject areas.
2	International Finance	
3	International Marketing	
4	International Trade & Finance	
5	Global Operations Management	
6	Operations Research	
7	International Accounting	
8	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.
2	Pharmaceutical Analysis & Quality Assurance	
3	Pharmacology	
4	Pharmaceutical Chemistry	
5	Pharmacognosy & Phytochemistry	

<b>F. Faculty of Arts – M.Phil./Ph.D. (FT / PT)</b>		
<b>S.No.</b>	<b>Discipline</b>	<b>Eligibility</b>
1	Applied Psychology	M.A. / M.Sc Psychology / MBA / PG in Medical Sciences with minimum 55% marks
2	Applied Philosophy	M.A. Philosophy or related disciplines in Humanities and Social Sciences with minimum 55% marks