



M.Phil./Ph.D. ADMISSIONS BROCHURE (2020-21)

GITAM offers the following Research programmes for the academic year 2020-21.

1. **Ph.D. (Full-time / Part-time)**
2. **M.Phil. (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 **31-May-2020**.
- 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 online application form at www.researchadmissions.gitam.edu by paying a non-refundable registration fee of Rs. 800/- (Rupees eight hundred 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 University will not take any responsibility for the non-receipt of applications in time. Candidates have to check the eligibility before applying.

III. ADMISSION INFORMATION

- 3.1 Admission shall be based on the marks secured in the Online Entrance Test and Interview, subject to the fulfillment of the eligibility criteria and the rules of reservation.
- 3.2 (a) The following certificates (PDF) are to be uploaded along with online application
 - i) Date of Birth (SSC / Matriculation or equivalent certificate)
 - ii) Graduate, Postgraduate / M.Phil. marks statements, Degree or Provisional certificate as applicable.
 - iii) NET / ICMR / GATE / GPAT / SLET etc. valid scores, if applicable
 - iv) 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:
 - i) Graduate, Postgraduate / M.Phil. Marks statements, Degree or Provisional Certificate as applicable.
 - ii) Transfer and Conduct certificates from the Institution where the candidate last studied.
 - iii) NET / ICMR / GATE / GPAT / SLET etc. valid scores, if applicable.
 - iv) Migration certificate from other than GITAM Deemed to be University.
 - v) Date of Birth (SSC / Matriculation or equivalent certificate).
 - vi) Integrated community certificate issued by the competent authority in case of SC / ST candidates.
 - vii) Medical Certificate from not below the rank of a Civil Surgeon in case of PHC.
 - viii) Physical fitness certificate.
 - ix) 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 / Part-Time, subject to eligibility criteria as stipulated below:

- 3.3.1. Educational Qualification: Eligibility criteria for admission into M.Phil. / Ph.D. programmes are given in [Appendix-I](#). 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 / OBC (Non creamy layer) / Divyaang 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 years of service for admission to M.Phil. and four years of service for admission in to 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 Board of Research Studies (BRS).
 - (e) Employees not covered in the above clauses with at least four years of service as approved by the Board of Research Studies (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 years (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 eight 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 granted Maternity Leave / Child Care Leave not exceeding 240 days, once in the entire duration of M.Phil. / Ph.D. (FT / PT) programme.

V. DETAILS OF THE ENTRANCE TEST

- 5.1 The syllabus for the entrance test can be downloaded from the following link https://researchadmissions.gitam.edu/Syllabus_Model_Question_Papers.
- 5.2 The syllabus coverage will be 50% on Research Methodology and 50% on specific subject.
- 5.3 The duration of the test is two hours and consists of subjective type & objective type questions.
- 5.4 The maximum marks for the online test is 140 (70 for Research Methodology and 70 for specific subject) and an interview will be conducted for 60 marks. The candidates who secure 50% marks in online test are only eligible for attending the interview.
- 5.5 The merit position of the candidates for admission to M.Phil. / Ph.D. will be based on total marks obtained in online test and interview.
- 5.6 Schedule for Entrance Test and Interview will be notified in the website.

VI. COURSE WORK

- 6.1 Course work is mandatory for M.Phil. / Ph.D. pursuing candidates. However, candidates possessing M.Phil. degree, pursuing for Ph.D. degree are exempted from course work.
- 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
Course: II	: Advanced topics in the Area of Research
Course: III	: Comprehensive Viva-voce
Course: IV	: Research and Publication ethics

- 6.4 Each course shall have 40 contact hours. Classes for Courses – I & IV 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 "Pass (P)" grade in each of all the four 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 M.Phil. / Ph.D. programme.

VII. FEE STRUCTURE FOR M.PHIL. / PH.D. PROGRAMME

Following is the fee structure for M.Phil. / Ph.D. programme (2020-21):

S.No.	M.Phil. Programme	Fee (Rs.) per year	
		1 st Year	2 nd Year
1.	M. Phil (Full-Time)	20,600	20,600
2.	M. Phil (Part-Time)	30,300	30,300

S.No.	Ph.D. Programme	Fee (Rs.) per year			
		1 st Year	2 nd Year	3 rd Year	4 th Year
1.	Ph.D. (Full-Time)	30,000	30,000	30,000	--
2.	Ph.D. (Part-Time)	40,000	40,000	40,000	40,000

* The candidate is required to pay prescribed adjudication fee at the time of submission of thesis.

VIII. DR. M.V.V.S. MURTHI RESEARCH FELLOWSHIPS

Dr. M.V.V.S. Murthi Research Fellowships will be provided to the Ph.D. (Full time) candidates for a maximum duration of three years, based on review of the progress of work and publications output every year.

The research fellowship is Rs. 20,000/- per month for candidates with NET / GATE / SLET and Rs. 15,000/- per month for candidates without NET / GATE / SLET.

APPENDIX-I: ELIGIBILITY CRITERIA FOR ADMISSION INTO M.PHIL. / PH.D. PROGRAMMES

A. Faculty of Engineering – Ph.D. (Full-time / Part-time)

S.No.	Discipline	Campus Offered			Eligibility
		VSP	HYD	BLR	
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. in 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 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. 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. 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. in ECE / EIE /Instrumentation/ Telecommunications/ Medical Electronics/ Biomedical Engineering or its equivalent.
6	Electrical & Electronics Engineering	✓	✓	✓	i. M.Tech. /M.E. or equivalent degree in the concerned branch ii. B.E./B.Tech. 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 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. in Mechanical/Production / Automobile / Marine / Aerospace or its equivalent.

B. Faculty of Pharmacy – Ph.D. (Full-time / Part-time)

S.No.	Discipline	Campus Offered			Eligibility
		VSP	HYD	BLR	
1	Pharmaceutics	✓	✓	--	M.Pharmacy with specialization in Pharmaceutics, Pharmaceutical Analysis, Pharmacology, Pharmaceutical Chemistry, Pharmacognosy & Phytochemistry and Pharm.D
2	Pharmaceutical Analysis	✓	✓	--	
3	Pharmacology	✓	✓	--	
4	Pharmaceutical Chemistry	✓	✓	--	
5	Pharmacognosy & Phytochemistry	✓	✓	--	

C. Faculty of Humanities and Social Sciences – M.Phil. (Full-time / Part-time), Ph.D. (Full-time / Part-time)

S.No.	Discipline	Campus Offered			Eligibility
		VSP	HYD	BLR	
1	Applied Psychology	✓	--	--	M.A. / M.Sc Psychology / MBA / PG in Medical Sciences
2	Applied Philosophy	✓	--	--	M.A. Philosophy or related disciplines in Humanities and Social Sciences
3	English	✓	✓	✓	Masters or equivalent in English

D. Faculty of Law – Ph.D. (Full-time / Part-time)

S.No.	Discipline	Campus Offered			Eligibility
		VSP	HYD	BLR	
1	Law	✓	--	--	i. LL.M. Degree (regular mode) from recognized University in any discipline and Bachelor's Degree in Law (regular mode) from a recognized University. ii. Degree in law and Master's Degree in Law considered equivalent to M.Phil. Degree of an Indian Institution or from a Foreign Educational Institution accredited as per UGC Regulations. iii. Judge of any State High Court in India with three years' experience or Judge of Supreme Court of India and Members of Tribunals.

E. Faculty of Science – M.Phil. (Full-time / Part-time) / Ph.D. (Full-time / Part-time)

S.No.	Discipline	Campus Offered			Eligibility
		VSP	HYD	BLR	
1	Biochemistry	✓	--	--	M.Sc. degree in Biochemistry / Biotechnology / Microbiology / Chemistry / Genetics / Botany / Zoology / Environmental Science or any branch of Biological Science / M.Pharm. or M.V.Sc or M.Sc. (Agriculture) or MD, MS or M.Tech in Biotechnology / Chemical Engineering / Food Technology.
2	Bioinformatics	✓	--	--	M.Sc. degree in Bioinformatics / Biochemistry / Biotechnology / Microbiology / Chemistry / Genetics / Environmental Science or any branch of Biological Science or M.Pharm. or M.Sc. in Agriculture or MD, MS or M.Tech in Biotechnology / Bioinformatics / Computer Science
3	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.
4	Chemistry	✓	✓	✓	M.Sc. degree in Chemistry (any specialization).
5	Computer Science	✓	--	--	Master degree in Computer Applications (MCA) or M.Sc. in Information Sciences / Computer Science / Data Science or M.Tech. in Information Technology / Computer Science & Engineering or equivalent Master's in Computer Sciences.
6	Electronics	✓	✓	✓	M.Sc. degree in Physics/ Electronic Science / Electronics / Instrumentation or any other equivalent degree.
7	Physics	✓	✓	✓	M.Sc degree in Physics / Material Science / Solid State Physics / Applied Physics / Theoretical Physics / Nuclear Physics / Space Physics / Photonics/ Spectroscopy or any other equivalent degree in Physics.
8	Food Science & Technology	✓	--	--	M.Sc. degree in Food Science Technology, Food Science Nutrition, Home Science or any branch of Life Sciences. M.Tech or equivalent degree
9	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.))
10	Mathematics	✓	✓	✓	M.Sc. degree in Applied Mathematics or Mathematics or Statistics or Data Science or Physics or MCA or M.Tech. / M.E. in any branch of Engineering.

S.No.	Discipline	Campus Offered			Eligibility
		VSP	HYD	BLR	
11	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.

F. Faculty of Management - M.Phil. (Full-time / Part-time), Ph.D. (Full-time / Part-time)

S.No.	Discipline	Campus Offered			Eligibility
		VSP	HYD	BLR	
1	Accounting	✓	✓	✓	M.B.A, two year PGDM (AICTE recognized or AIU), M.Com, M.A. (Economics), MHRM, MA (IRPM), CA, CS, ICWAI, M.A (Social Sciences), M.Sc. (Applied Mathematics/Statistics), M.Tech Operations with specialization in the area of Emerging Technologies (IOT, AI & Machine learning in relation to management).
2	Economics	✓	--	--	
3	Entrepreneurship	✓	✓	✓	
4	Financial Management	✓	✓	✓	
5	Human Resources Management	✓	✓	✓	
6	Marketing Management	✓	✓	✓	
7	Operations Management	✓	✓	✓	
8	International Business	✓	✓	--	
9	Emerging Technologies (IOT, AI & Machine learning in relation to management)	--	✓	--	