



GUJARAT TECHNOLOGICAL UNIVERSITY

(Established by Government of Gujarat Under Gujarat Act No.: 20 of 2007)

ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી

(ગુજરાત સરકારના ગુજરાત અધિનિયમ ક્રમાંક : ૨૦/૨૦૦૭ દ્વારા સ્થાપિત)

Doctor of Philosophy Program

Engineering, Pharmacy, Management & Computer Science

GTU announces commencement of its Ph.D program in the area of Engineering, Pharmacy, Management and Computer Science. Various categories, under which a Research Scholar can apply, are as under:

1. Full Time Research Scholars
2. Part Time Research Scholars
3. Independent Research Scholars

Eligibility & Enrollment :

A) FULL TIME RESEARCH SCHOLAR :-

(1) (i) Candidates with a Master's degree with not less than 55% of marks or a cumulative grade point average (CGPA) of 6.01 and above in the 10.00 point scale under CBCS, under the faculties of Computer Science, Management/Commerce, Engineering, Technology, Pharmacy etc., are eligible to apply for Ph.D. under this category. The candidates, who are qualified for CA or CFA or ACS or ICW or ICMA with basic degree, are also eligible to register under this category. Their degree in the related course should have been awarded by a University accredited by UGC. The SC/ST/SEBC candidates are eligible for 5% exemption from the prescribed minimum marks.

(ii) The candidates who have qualified for Master's Degree and have a Bachelor's Degree with a First Class or those who have only a Bachelor's Degree with a First Class, with at least ten years of professional experience, wherein they have used innovative technologies or ideas in the execution of their job-related duties and have published at least 3 papers in reputed journals, may also be considered for admission to the doctoral program. However each of such cases will be considered on the merit of their contributions during their professional work. The applicants, who do not satisfy the

*Winners of : ICT Enabled University Award E-India - 2009 ▶ Manthan Award - 2009 ▶ GESIA Award - 2011
▶ Digital Learning WES - 2011 Award ▶ AIMS International Innovative University Award - 2013*

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requirements of Master's degree with 55% or 6.01 CGPA and/or First class Bachelor's degree and would like to be considered as a Research Scholar, may apply separately with documents about their experience and with letters of recommendations from at least 3 prominent experts in their proposed research field. Such letters of recommendations must corroborate each of the claims of innovation by the candidate in his application. Candidates, who want to apply under this category will have to seek a preliminary approval for permitting him/ her to apply. These applications will require an evaluation process, with due diligence. The applicants will be permitted to apply for an entrance test only after a preliminary approval.

(2) Researchers, working at the Council for Scientific and Industrial Research (CSIR) / Indian Council for Agricultural Research (ICAR) / Bhabha Atomic Research Centre / Researchers, Scientists and JRF/SRF etc., working in research projects funded by external agencies such as DST/ DOD/ DOE/ DOS/ UGC / CSIR and similar national and state level organizations and approved by this University for the research work / Recognized research centers of the colleges affiliated to this University and Regional and National Institutions / Laboratories dedicated to Science and Technology development, are also eligible to register provided they fulfill the eligibility norms mentioned in section 1.

B) PART TIME RESEARCH SCHOLAR :-

Faculty members of GTU or any other institution of higher learning in Gujarat, any citizen of India or foreign country living either in India or abroad irrespective of their employment status who wish to pursue their doctoral research at GTU are eligible to apply for Part-Time Research work at GTU, provided they fulfill the eligibility norms equivalent to those mentioned in section 1.

C) INDEPENDENT RESEARCH SCHOLAR :-

Persons who possess the eligibility norms mentioned in 1(i), subject to the Regulation (3), are eligible to conduct research work independently.

(3) The candidates should have at least 5 years of teaching experience at UG/PG level and a minimum of 5 publications in professionally recognized journals/ edited handbooks, in the case of teachers in Colleges / University Departments.

OR

The candidates should have at least 5 years of research experience or professional experience in reputed industries and a minimum of 5 publications in

professionally recognized journals/edited handbooks, in the case of Scientists/ Researchers/ Professionals, working in Regional/National Laboratories, Institutes, Educational organizations and Industrial establishments.

(4) PhD Duration :

Categories	Min. No. of Years	Max. No. of Year
Full Time Research Scholar	3 Years	5 Years
Part Time Research Schoar	4 Years	6 Years
Independent Reseach Scholar	4 Years	6 Years

General Procedures for Admission and Registration :-

Candidates desirous of admission into the Ph.D. research programme under any category specified above shall submit the online application form from www.gtu.ac.in, to the University along with necessary documents. This should also be accompanied by experience certificate(s), copies of their published work and the processing fee of Rs 1200/- (Rupees One thousand two hundred only). For SC/ST/ SEBC candidate the fee is Rs 1000/- (Rupees One thousand only) to be paid by SBI online payment link given in univerity website <https://www.onlinesbi.com/prelogin/institutiontypedisplay.htm>

Selection Procedure :-

The selection of candidates for provisional admission shall be based on the following procedure:

The selection shall be based on both written test and interview. The selection will take into account the academic and professional background of the applicant and the candidate's research proposal. The test and the interview will be designed to examine the research aptitude, intellectual and creative ability and the general knowledge of the prospective candidates.

For overseas applicants, a written exam may be replaced by the writing of a research-style essay, which will be the original work of the student. The written essay will be examined by the admissions committee on similar lines to the written exam. The interview for overseas students will be conducted through electronic medium, and will be designed to examine the research aptitude, intellectual ability and the general knowledge of the prospective candidates. The interview will include questions from the research proposal that will validate the authenticity of the proposal itself.

Students are free to indicate their own choice of the research guide in their applications. However the allocation of the Research guide (supervisor) for a selected student will be decided by the School Research Committee, depending upon the vacancy based on the number of students per faculty member permitted by the University, the available specializations among the faculty supervisors and the chosen topic of research by the student. The allocation of student to the guide shall be in consultation with the guide.

The candidates who become qualified for research fellowships by writing the centrally conducted UGC / CSIR (NET) / JRF and similar tests specifically recognized by the University shall be exempted from the written test.

Syllabus for Entrance Examination:

- 1) GATE syllabus separate module for all Engineering branches.
- 2) GPAT for Pharmacy.
- 3) GSET style question set for Management and Computer Science.

Fees for PhD Program:

Fee structure is as given below:

- 1) Application Fee Rs. 1,200/- for General Category Candidate
Rs. 1,000/- for SC / ST / OBC Category Candidates.
- 2) Registration fee: Rs 1,000/- at the time of admission to GTU.
- 3) Caution Money Deposit Rs. 1,000/- at the time of admission to GTU.
- 4) Enrollement Fee Rs. 150/- at the time of admission to GTU.
- 5) Other Fees Rs. 200/- at the time of admission to GTU.
- 6) Term Fee: Rs. 12,000/- per semester for General Category Candidate.
Rs. 10,000/- per semester for SC / ST / OBC Category Candidate.
Rs. 40,000/- per semester for candidates residing outside Gujarat.
- 7) Thesis Evaluation Fee: Rs.8,000/- to be paid to GTU at the time of submission of final thesis.

The fee is subject to revision by the University at its discretion and the research scholars will have to pay the revised fee as and when made applicable.

-sd/-
I/c Registrar
Gujarat Technological University,
Ahemdabad.