

PhD Admission Test, Eligibility and Selection Criteria

		Computing
Degrees		PhD (Computer Science) PhD (Software Engineering)
Admission Test	Applicant must select only one out of the two admission test options	FAST-NUCES NTS-GAT subject (Computer Science)
Eligibility	1 Degree in relevant subject ¹ earned from a recognized University, after 18 years of education	Minimum 60% marks or CGPA of at least 3.00 on a scale of 4.00 in the MS/ MPhil/ Equivalent ²
Selection Criteria	1 Admission Test marks	60%
	2 Interview to assess research potential	40%

		Engineering
Degrees		PhD (Civil Engineering) PhD (Electrical Engineering)
Admission Test	Applicant must select only one out of the two admission test options	FAST-NUCES NTS-GAT subject (Civil/Electrical Engineering)
Eligibility	1 Degree in relevant subject ¹ earned from a recognized University, after 18 years of education	Minimum 60% marks or CGPA of at least 3.00 on a scale of 4.00 in the MS/ MPhil/ Equivalent ²
Selection Criteria	1 Admission Test marks	60%
	2 Interview to assess research potential	40%

		Business Administration
Degree		PhD (Management Sciences)
Admission Test	Applicant must select only one out of the two admission test options	FAST-NUCES NTS-GAT subject (Management Sciences)
Eligibility	1 Degree in relevant subject ¹ earned from a recognized University, after 18 years of education	Minimum 60% marks or CGPA of at least 3.00 on a scale of 4.00 in the MS/ MPhil/ Equivalent ²
Selection Criteria	1 Admission Test marks	60%
	2 Interview to assess research potential	40%

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¹Admission of PhD students in inter-disciplinary areas

- Students having scored minimum 50% marks in FAST-NUCES or GAT-Subject in the discipline of admission are provisionally admitted into PhD degree provided they successfully complete a Zero Semester.
- Zero Semester shall be a regular semester offered in the university in which the students shall study 9 CH of deficiency courses of level 7. The deficiency courses shall be approved by the Graduate Studies Committee (GSC).
- The GSC shall recommend admission to PhD if it is satisfied that the student's knowledge of primary area (level 7) has

sufficiently prepared him/her to undertake the course of studies of the doctoral program.

²Admission of PhD students having, a CGPA < 3.0 (out of 4.0 in the semester system) or < 60% (in the annual system) in the MS/MPhil/Equivalent degree

- Students having a minimum CGPA of 2.90 (out of 4.00 in semester system) or 58% (in the annual system) are provisionally admitted into PhD degree provided they successfully complete a Zero Semester.
- Zero Semester shall be a regular semester offered in the university in which the students shall study additional courses of 9 CH of level 7 and score minimum 3.00 out of 4.00 GPA. The additional courses shall be approved by the

Graduate Studies Committee (GSC).

- The GSC shall recommend admission to PhD if it is satisfied that the student's knowledge of primary area (level 7) has sufficiently prepared him/her to undertake the course of studies of the doctoral program.

³The applicant must obtain a minimum of 60% marks in the admission test after which the merit will be determined based on the 60% admission test marks and 40% panel evaluation.

NOTE: All documents/transcripts will be checked at the time of admission. Any incorrect/ false information submitted by the applicant or any attempt to hide information will lead to disqualification of the candidate.



PhD (Doctor of Philosophy)

Program Mission

The PhD program requires Candidates to undertake a number of graduate level courses, pass a qualifying examination and then carry out the research in a chosen area. The candidates are required to publish research papers in journals of international repute.

Program Objectives

- Impart in depth knowledge and application of methodology to investigate original research problems through a systemic and focused approach.
- Enable students to produce publishable research for journals and conferences of international repute.
- Enable students to conduct independent research.

Program Outcomes

- Students will be able to exhibit specialized knowledge and ability to use appropriate research methodology in the relevant field of study.
- Students will be able to conduct systematic and focused research.
- Students will be able to publish research papers in journals and

conferences of international repute.

- Students will be able to conduct and supervise independent research and can produce knowledge

PhD Coursework

PhD coursework comprises 6 courses (Total 18 credit hours). 4 of these 6 must be taken from parent department. 'Research Methodology' must also be passed; unless already passed during MS course work.

Comprehensive Examination

The student becomes eligible to appear in the Comprehensive Examination after passing the PhD coursework with a minimum CGPA of 3.0. This exam must be passed within Two years of admission, failing which the admission shall be cancelled.

Research Work

The Student can start work on PhD Thesis after

- a. Passing the Comprehensive Examination, AND
- b. Acceptance of Synopsis by the Graduate Studies Committee

Research Paper

Publication of at least one research paper based on PhD research in an HEC approved Journal of "X" category or above.

Research Thesis

PhD Thesis must be based on original research work

Plagiarism Test

A Plagiarism Test shall be conducted on the Thesis before its submission to the foreign experts

Evaluation by Two Foreign Experts

PhD Thesis shall be evaluated by at least Two Foreign Experts

Local Experts Evaluation

If the Foreign Experts recommend that the work is acceptable for award of PhD, then a local committee, comprising two Local Experts and an Internal Expert (from FAST-NUCES) is constituted. The Thesis is sent to all three members of this committee.

Open Defence

After receiving positive comments from the local experts, the student is expected to defend his/her PhD Thesis before the local committee. The student will be declared successful after this committee approves the work.

