



"NTU has been the premier institute of textile education in the country, meeting technical and managerial human resource needs of entire textile industry of Pakistan by establishing crucial link between university and the business world. NTU has strived to achieve the aim of imparting world class education while encouraging research and intellectual growth in the country. As a result, NTU has played a key role in setting high standards of academics and produced professionals to compete in the world. NTU imparts extraordinary academic and social skills among students to face challenges of the time and become the next generation of leaders believing in its motto "Innovate and Lead". NTU has close collaboration with the world renowned universities to promote research and innovation. The hallmark of NTU is that within a short period of 16 years, it is now among top universities of the country. On the face of fast changing and diverse world, NTU stands firm to offer new programmes in relevant, emerging fields for the people of Pakistan and the wider world."

Ph.D Textile Engineering

PhD Textile Engineering program aims to create a learning culture that enables participants to:

- To carry out research of international standard aimed at advancing the global scientific and technological knowledge.
- To enhance the intellectual development of PhD graduates through creativity, analytical thinking, critical analysis, and innovative problem-solving.
- Ability to systematically review, analyze and interpret the scientific literature and innovations in the areas of engineering in general and in textile engineering in particular.
- Ability to apply and validate innovations at the lab scale as well as industrial scale efficiently and effectively.
- Ability to conduct high quality research and to disseminate effectively the research outputs in international research journals of repute, conferences, seminars, patents, research proposals and other scientific venues



Eligibility Criteria

MS Textile Engineering or equivalent with minimum CGPA 3.00/4.00 or 3.50/5.00 in semester system, 60% marks in annual system.

- Candidate must have PEC registration
- Candidate will have to pass NTU GAT (Subject) test within minimum 70 marks.
- It is mandatory to pass interview in order to compete on merit.
- Applicant must not be already registered as a student in any other academic program in Pakistan or abroad.

Merit Criteria

M.Sc./MS/Equivalent	50 % weightage
B.Sc./BE/Equivalent	30% weightage
Interview result	10 % weightage
Publication/relevant experience	10% weightage

Semester-Wise Layout of Courses

Semester-I

<u>Course Title</u>	<u>Credit Hours</u>
Advanced Statistical Methods for Research	3
Recent Development in Textile Engineering	2
Modern Testing and Characterization	3
Methods Prototype / Review Paper	1

Semester-II

Elective-I	3
Elective-II	3
Elective-III	3

Semester-III & VIII

Research Thesis	30
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Total Credit Hours

(18 credit hours of course work and 30 credit hours for research work/thesis)	48
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Study Duration

The minimum duration of study will be 3 years and maximum of 8 years as per HEC guidelines.

How to apply

Apply online at admissions.ntu.edu.pk

For More Information Please Contact or Visit:

Office of the Graduate Studies & Research, National Textile University, Faisalabad, Sheikhpura Road, Faisalabad.
Ph. +92 41 9230081-82 (Ext.257-258) or email at ogsr@ntu.edu.pk website: www.ntu.edu.pk/ogsr