



**Isfahan
University of
Technology**

Department of Textile Engineering

In The Name of God

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Overview

Teaching of textile sciences was started at the Department of Textile Engineering of Isfahan University of Technology (IUT) in 1984. The Department's aim is the promotion of textile sciences both nationally and internationally. Currently, the Department of Textile Engineering offers textile courses at BSc level in Fiber Science, Textile Technology, Textile Chemistry, Technical Textiles, and Apparel. Post-graduate programs offered by the Department consist of Textile Technology, Textile Chemistry and Color, and Fiber Science at MSc and PhD levels. State-of-the-art teaching and, a wide range of research facilities, reputable departmental staff and smart students have raised the Department to one of the most credible centers for teaching textile science and textile research in Iran.

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Department of Textile Engineering



Degree Programs

■ B.Sc

Textile Engineering - Textile Chemistry:
137 Credits + Thesis Project with 3 credits

Textile Engineering - Fiber Science:
137 Credits + Thesis Project with 3 credits

Textile Engineering - Textile Technology:
138 Credits + Thesis Project with 3 credits

Textile Engineering - Apparel:
138 Credits + Thesis Project with 3 credits

Textile Engineering - Technical Textiles:
138 Credits + Thesis Project with 3 credits

■ M.Sc

Textile Engineering - Fiber Science:
26 Credits + Thesis with 6 credits

Textile Engineering - Textile Chemistry and Color:
26 Credits + Thesis with 6 credits

Textile Engineering - Textile Technology:
26 Credits + Thesis with 6 credits

■ Ph.D


Textile Engineering - Textile Technology:
18 Credits + Thesis with 18 credits

Textile Engineering - Textile Chemistry and Color:
18 Credits + Thesis with 18 credits

Textile Engineering - Fiber Science:
18 Credits + Thesis with 18 credits







Reasons to study at this department

- Qualitative teaching and supervision.
- Aimed research.
- High level of expertise.
- Research collaboration with other departments at IUT and other national and international universities.
- Collaboration with national and international research centers.
- Innovative teaching methodologies.
- Collaboration with industries.

Honors and Awards

- Winner of outstanding researcher award of Isfahan province in 2005.
- Winner of outstanding researcher award of Isfahan province in 2008.

Program Structures

- Flexible Program Structures
- Scientific Futuristic Thesis
- Examinations:
written, mid-term/final, graded projects

Program Objectives

- Practice-oriented
- Requirements for technology and environment
- Acquiring professional skills

Interdisciplinary Approaches

- Collaboration with other departments at IUT and other universities
- Collaboration with Iranian National Standards Organization
- Collaboration with Royan Institute
- Collaboration with Department of Technical and Vocational Education of Isfahan Province







Research Areas

- 1 Textile Dyeing, Printing and Finishing
- 2 Fiber Science
- 3 Clothing Science and Technology
- 4 Nano-fibrous, Porous and Nano-structured Materials
- 5 Fibrous and Textile Composites
- 6 Color Science and Technology
- 7 Filter media, Flat-sheet and Hollow Fiber Membranes
- 8 Biotechnology in Textile Engineering
- 9 Medical Textile
- 10 Technical Textiles
- 11 Intelligent Textiles
- 12 Non-wovens
- 13 Textile Auxiliaries
- 14 Polymer Processing
- 15 Polymer Alloys and Blends

A Profile of the Labs

- Fibers Physics Lab
- Coating and Finishing Lab
- Fiber Research Lab
- Color Research Lab
- Printing Lab
- Dyeing Lab
- Fibers Identification Lab
- Fibers Chemistry Lab
- Textile Physics Lab
- Technical Textile Lab
- Composite Lab
- Nanotechnology Lab
- Image Processing Lab
- Biotextile Lab
- Polymer Chemistry
- Polymer Process Lab
- Mechatrotex Lab
- Psychophysics Lab
- Synthesis of Dye and Textile Materials Lab

A Profile of the Workshops

- Yarn Spinning Workshop
- Weaving Workshop
- Weft Knitting Workshop
- Warp Knitting Workshop
- Melt Spinning Workshop
- Technical Textile Workshop
- Apparel Workshops



We would like to express our sincere thanks to the faculty members at the Department of Textile Engineering, and our colleagues at International Scientific Cooperation Center (ISCC) for sincere assistance in producing this prospectus.

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