

SÜLEYMAN DEMIREL UNIVERSITY
ENGINEERING FACULTY
TEXTILE ENGINEERING DEPARTMENT

R&D ACTIVITIES OF UNDERGRADUATE STUDENTS

Under the supervision of an academic advisor, students can carry out projects which are supported by institutions such as TUBITAK, Textile Companies etc.



LABORATORIES AND MACHINE INFRASTRUCTURE

- Physical Testing Laboratory
- Chemical Testing Laboratory
- Yarn Spinning Mill
- Dyeing and Finishing Machines
- Sewing Machines
- Textile CAD Laboratory
- Comfort Laboratory
- Nanotextile Laboratory
- Nanocoating Laboratory
- Microcapsule and Polymer Synthesis Laboratory

CAMPUS AND SOCIAL ACTIVITIES

The campus has a 24-hour open library, dormitories, indoor and outdoor gyms, tennis courts, olympic swimming pools, shopping malls, cafes, restaurants, etc. Students can benefit from sports, cultural and other facilities free of charge.

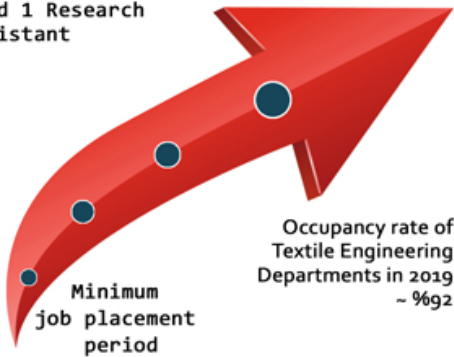


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ABOUT TEXTILE ENGINEERING DEPARTMENT

Textile Engineering Department, established within Engineering&Architecture Faculty of Süleyman Demirel University was started education in 1994-1995. Msc and PhD Program began to give education in 1994-1995 and 2005-2006 Academic Years in turn.

2 Prof., 6 Assoc.Prof.,
1 Asist Prof.
and 1 Research
Asistant



WHAT IS TEXTILE ENGINEERING?

Textile Engineering is a multidisciplinary engineering branch that covers production processes, technologies and machines starting from fiber and continuing as yarn, fabric and finishing, and reaching ready-made clothing and apparel.

WHAT DOES TEXTILE ENGINEER DO?

A Textile Engineer chooses raw material suitable for expected properties of yarn, fabric and garment products, determines and controls the appropriate working conditions of the machines used in the processing of the raw material, solves possible problems, improves the process conditions and contributes to the design and development of new and technical textile products. Textile Engineering is among the professions of the future, as it serves a wide range of fields, from technical structures to smart textiles (nanotechnology, stimuli sensitive materials, wearable electronics, etc.) that meet the needs of different industries as well as standard garments.

WHERE DOES TEXTILE ENGINEERS WORK?

Textile Engineers have the opportunity to work in high-level positions as engineer, manager, academician, researcher and employer etc.

- Fiber, yarn, weaving, knitting, nonwoven, finishing and apparel factories (in production, purchasing and marketing units)
- Companies producing and selling textile materials, accessories, machinery in Turkey and abroad
- Import/export brokerage companies
- Public/private textile laboratories
- R&D centres
- Public institutions (Ministry of Industry and Trade, Customs, Military, Universities, etc.)

COURSES TAKEN DURING THE EDUCATION

Textile Engineering Department is a 4-year undergraduate program. The courses taken during the education are listed below:

- Basic science courses (math, physics, chemistry etc.)
- Basic engineering courses (static, thermodynamics, dynamics, etc.)
- Basic vocational courses (production, control and marketing of fiber, yarn, fabric, dye-finishing, apparel, technical, functional and smart textiles and nanotextile structures, etc.)
- Social elective courses (Occupational health and safety, entrepreneurship and innovation, fashion and design, engineering ethics, sustainability, etc.)

DOUBLE MAJOR AND MINOR PROGRAMS

SDU Textile Engineering Department has double Major Programs with Machine and Industrial Engineering Departments. Minor programs are being carried out with all Departments of Engineering Faculty and the relevant Departments in Economics and Administrative Sciences Faculty.

TEXTILE COMMUNITY ACTIVITIES

Textile Community established in 2005 organizes professional social events such as technical trips, career days, student congresses (UTMÖK-National Textile Engineering Student Congress), workshops and seminars.



STUDENT EXCHANGE PROGRAMMES

SDU Textile Engineering Department has Erasmus, Farabi and Mevlana student exchange programs.



- Technical University of Liberec (Czechia)
- Universitat Politecnica De Catalunya (Spain)
- Valencia Politecnica University (Spain)
- Lodz University of Technology (Poland)
- Universitatea Din Oradea (Romania)
- University of Ljubljana (Slovenia)
- RWTH Rheinisch-Westfalische Technische Hochschule Aachen (Germany)
- Obuda University (Hungary)
- Kaunas University of Technology (Lithuania)
- Kazimieras Simonavicius University (Lithuania)
- Universidade Do Minho (Portugal)
- Universidade da Beira Interior (Portugal)