

## Assoc. Prof. Ali Kılıç

### Personal Information

**Email:** alikilic@itu.edu.tr

**Address:** İTÜ Tekstil Teknolojileri ve Tasarımı Fakültesi

### Biography

Kılıç is currently an assistant professor at Istanbul Technical University. After finishing his MSc on "PP nanofiber webs for aerosol filtration", he continued his PhD studies in the Nonwovens Institute. He studied on "Electret Aerosol Filters and Related Equipment Manufacturing" during his PhD under the direction of Drs Pourdeyhimi, Shim and Yeom.

He currently manages TEMAG Labs which was established in 2003 based at the Gumussuyu Campus of Istanbul Technical University. The studies are concentrated on interdisciplinary field of engineered fabric, their coatings, design and manufacture of specialty instruments for such materials. Focusing on novel fiber and coating applications, TEMAG facilities are divided as Filtration&Separation, Energy, Composites and Biomedical labs. The research is funded by Turkish Science and Technology Council and 7 international/national companies. Center also houses state-of-the-art facilities for product development, analytical services, materials testing, analysis and evaluation.

### Education Information

Doctorate, North Carolina State University, College Of Textiles, United States Of America 2009 - 2012

Post Graduate, İstanbul Teknik Üniversitesi, Tekstil Teknolojileri Ve Tasarımı Fakültesi, Turkey 2006 - 2008

Under Graduate, İstanbul Teknik Üniversitesi, Tekstil Teknolojileri Ve Tasarımı Fakültesi, Turkey 2002 - 2006

### Foreign Languages

English

### Dissertations

Doctorate, Improving Electret Filter Performance using Melt Additives, North Carolina State University, College Of Textiles, 2012

Post Graduate, Elektroüretim yöntemiyle eriyikten polipropilen nanolif üretimi, İstanbul Teknik Üniversitesi, Tekstil Teknolojileri Ve Tasarımı Fakültesi, 2008

### Research Areas

Technical Sciences, Environmental Engineering, Environmental Technology, Air Pollution and Control, Particle Control, Textile Engineering and Technology, Textile Materials, Textile Machinery, Technical Textiles, Metallurgical and Materials Engineering, Material science and engineering, Composites

### Academic Titles / Tasks

Assistant Professor, İstanbul Teknik Üniversitesi, Tekstil Teknolojileri Ve Tasarımı Fakültesi, Tekstil Mühendisliği Bölümü, 2018 - Continues

Assistant Professor, İstanbul Teknik Üniversitesi, Tekstil Teknolojileri Ve Tasarımı Fakültesi, Tekstil Mühendisliği Bölümü, 2013 - 2018

## Courses

Teknik Tekstiller, Post Graduate, 2013 - 2014, 2016 - 2017

Structure and Properties of Fibers, Under Graduate, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017

## Supported Projects

Kılıç A., Project Supported by Higher Education Institutions, Nanoparticles on Textiles: Approaches for Novel Functional Structures, 2016 - 2018

Kılıç A., Project Supported by Higher Education Institutions, FUNCTIONAL COATINGS FOR NANOFIBROUS WATER PURIFICATION MEMBRANES, 2015 - 2018

Kılıç A., Project Supported by Higher Education Institutions, Yenilikçi Hava ve Su FİLTRElerinin Endüstriyel Üretimi, 2015 - 2018

Kılıç A., Project Supported by Higher Education Institutions, Phosphorescent Blend Nanofiber: Characterization of Photophysical Properties, 2014 - 2018

Kılıç A., Project Supported by Higher Education Institutions, Fotokatalitik Su Filtreleri Üretimi ve Karakterizasyonu, 2015 - 2016

Kılıç A., Project Supported by Higher Education Institutions, Yeni Teknolojilerle Bitkisel Ekstarktlı Antibakteriyel Nanoliflerin Üretilmesi, 2014 - 2016

Kılıç A., Project Supported by Higher Education Institutions, Ultrasonik Yöntemle Nanohibrid Fotokatalitik Su Filtrelerinin Üretimi, 2014 - 2015

Kılıç A., Project Supported by Higher Education Institutions, Santrifüj Eğirme Cihazı İmalatı ve Antibakteriyel Nanoliflerin Üretilmesi, 2014 - 2015

## Invited Congress and Symposium Activities

International Congress on Textile Coating and Lamination, Invited Speaker, Praha, Czech Republic, 2016

Nonwoven Innovation Academy, Invited Speaker, Leeds, United Kingdom, 2015

## Citations

Total Citations (WOS):296

h-index (WOS):9