

# Assoc. Prof. BANU ÖZGEN KELEŞ

## Personal Information

**Email:** banu.ozgen@ege.edu.tr

**Post Address:** Ege Üniversitesi Emel Akın Meslek Yüksekokulu Bornova İzmir

## Education Information

Doctorate, University Of Manchester, Textiles And Paper, United Kingdom 2003 - 2009

Post Graduate, Dokuz Eylül Üniversitesi, Mühendislik Fakültesi, Tekstil Mühendisliği Bölümü, Turkey 2000 - 2002

Under Graduate, Ege Üniversitesi, Mühendislik Fakültesi, Tekstil Mühendisliği Bölümü, Turkey 1995 - 1999

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, The Geometry of Yarn Cross-section in Woven Fabrics, University Of Manchester, Textiles And Paper, 2009

Post Graduate, Ege pamuğundan ve Ege pamuğuna çeşitli oranlarda katılan Güneydoğu Anadolu pamuğundan yapılan ipliklerin kalite yönünden karşılaştırılması, Dokuz Eylül Üniversitesi, Mühendislik Fakültesi, Tekstil Mühendisliği Bölümü, 2002

## Research Areas

Textile Engineering and Technology, Yarn Technology (Spinning, weaving, knitting), Cloth Technology, Engineering and Technology

## Academic Titles / Tasks

Associate Professor, Ege Üniversitesi, Emel Akın Meslek Yüksekokulu, 2018 - Continues

Assistant Professor, Ege Üniversitesi, Emel Akın Meslek Yüksekokulu, 2009 - 2018

Research Assistant, Dokuz Eylül Üniversitesi, Mühendislik Fakültesi, Tekstil Mühendisliği Bölümü, 2001 - 2002

## Professional Experience

Assistant Director of Vocational School, Ege Üniversitesi, Emel Akın Meslek Yüksekokulu, 2018 - Continues

Assistant Director of Vocational School, Ege Üniversitesi, Emel Akın Meslek Yüksekokulu, 2011 - 2012

## Courses

İLETİŞİM, Associate Degree, 2016 - 2017, 2017 - 2018

FİZİK, Associate Degree, 2016 - 2017, 2017 - 2018

MESLEKİ YABANCI DİL I, Associate Degree, 2016 - 2017, 2017 - 2018

İPLİK TEKNOLOJİSİ, Associate Degree, 2016 - 2017, 2017 - 2018

FANTEZİ İPLİKÇİLİK, Associate Degree, 2016 - 2017, 2017 - 2018

KUMAŞ YAPISI, Associate Degree, 2016 - 2017, 2017 - 2018

TOPLUMA HİZMET UYGULAMALARI, Under Graduate, 2017 - 2018  
ARAŞTIRMA TEKNİKLERİ, Associate Degree, 2016 - 2017  
PAMUK İPLİKÇİLİĞİ, Associate Degree, 2016 - 2017  
SENTETİK İPLİKÇİLİK, Associate Degree, 2016 - 2017  
MESLEKİ ÜRETİM VE MALİYET HESAPLARI, Associate Degree, 2016 - 2017  
MESLEKİ YABANCI DİL II, Associate Degree, 2016 - 2017

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Evaluation of Air Permeability of Fabrics Woven With Slub Yarns**  
ÖZGEN KELEŞ B., ALTAŞ S.  
Tekstil Ve Konfeksiyon, vol.27, pp.126-130, 2017 (Journal Indexed in SCI Expanded)
- **The effect of slub yarn descriptive parameters and yarn linear density on upholstery fabric abrasion resistance**  
ALTAŞ S., Ozgen B.  
JOURNAL OF THE TEXTILE INSTITUTE, vol.107, pp.1232-1239, 2016 (Journal Indexed in SCI)
- **Optimization of the slub yarn tensile strength with Taguchi techniques**  
ALTAŞ S., Özgen B.  
Industria Textila, vol.66, pp.335-339, 2015 (Journal Indexed in SCI)
- **Effects of thermal aging on Kevlar and Nomex fabrics**  
Ozgen B., PAMUK G.  
Industria Textila, vol.65, pp.254-262, 2014 (Journal Indexed in SCI)
- **The investigation of thermal comfort, moisture management and handle properties of knitted fabrics made of various fibres**  
Özgen B., ALTAŞ S.  
Tekstil ve Konfeksiyon, vol.24, pp.266-271, 2014 (Journal Indexed in SCI)
- **Physical properties of Kevlar and Nomex plied and covered yarns**  
Ozgen B.  
TEXTILE RESEARCH JOURNAL, vol.83, pp.752-760, 2013 (Journal Indexed in SCI)
- **New Biodegradable Fibres Yarn Properties and Their Applications in Textiles A Review**  
ÖZGEN B.  
Industria Textila, vol.63, pp.3-7, 2012 (Journal Indexed in SCI Expanded)
- **RESIN EMBEDDING MEDIA AND TECHNIQUES FOR INVESTIGATING 3D STRUCTURE OF WOVEN FABRICS**  
Ozgen B., Gong R. H.  
TEKSTİL VE KONFEKSİYON, vol.21, pp.381-385, 2011 (Journal Indexed in SCI)
- **Modelling of yarn flattening in woven fabrics**  
Ozgen B., Gong H.  
TEXTILE RESEARCH JOURNAL, vol.81, pp.1523-1531, 2011 (Journal Indexed in SCI)
- **Yarn geometry in woven fabrics**  
Ozgen B., Gong H.  
TEXTILE RESEARCH JOURNAL, vol.81, pp.738-745, 2011 (Journal Indexed in SCI)
- **Modeling of Yarn Cross-Section in Plain Woven Fabric**  
Gong R. H. , Ozgen B., Soleimani M.  
TEXTILE RESEARCH JOURNAL, vol.79, pp.1014-1020, 2009 (Journal Indexed in SCI)
- **Comparison of quality characteristics of yarns spun from Aegean cotton fibres and their mixtures with South-East Anatolian cotton fibres Porównanie charakterystyk jakościowych przędz wytwarzanych z bawełny egejskiej i mieszanek z bawełną z południowo-wschodniej Anatolii**  
Karapinar B., Erdem N.  
Fibres and Textiles in Eastern Europe, vol.11, pp.26-29, 2003 (Journal Indexed in SCI Expanded)

## Articles Published in Other Journals

- **Investigation of fabric properties woven with different fibres**  
ALTAŞ S., ÖZGEN B.  
Tekstilec, vol.56, pp.117-122, 2013 (Journal Indexed in ESCI)

## Book & Book Chapters

- **in: Engineering of High Performance Textiles**  
GONG R., ÖZGEN B.  
Chapter 5 Fabric Structures: Woven, Knitted or Nonwoven, Miao, Menghe Xin, John, Editor, Woodhead Publishing, The Textile Institute Book Series, pp.107-131, 2018

## Refereed Congress / Symposium Publications in Proceedings

- **Geometrical Modelling of Woven Textile Structures**  
ÖZGEN KELEŞ B.  
Strutex (Structure and Structural Mechanics of Textile Fabrics, Liberec, Czech Republic, 05 Aralık 2018, pp.41-48
- **Characteristics of Fibres and Yarns Spun From Aegean and South East Anatolian Cotton Fibres**  
ERDEM N., ÖZGEN B.  
Plenary Meeting of Inter - Regional Cooperative Research Network on Cotton, Thessaloniki, Greece, 29 Eylül 2004, pp.220-227

## Scientific Refereeing

TEXTILE RESEARCH JOURNAL, SCI Journal, December 2019  
JOURNAL OF INDUSTRIAL TEXTILES, SCI Journal, October 2019  
TEXTILE RESEARCH JOURNAL, SCI Journal, August 2019  
JOURNAL OF INDUSTRIAL TEXTILES, SCI Journal, July 2019  
TEXTILE RESEARCH JOURNAL, SCI Journal, March 2019  
JOURNAL OF INDUSTRIAL TEXTILES, SCI Journal, February 2019  
Textile Research Journal, SCI Journal, September 2018  
Journal of Industrial Textiles, SCI Journal, August 2018  
Textile Reseach Journal, SCI Journal, May 2018  
Journal of Industrial Textiles, SCI Journal, April 2018  
Textile Research Journal, SCI Journal, February 2018  
Journal of Natural Fibers, SCI Journal, February 2018  
Journal of Industrial Textiles, SCI Journal, January 2018

## Tasks In Event Organizations

Özgen Keleş B., Yıldız E. Z. , Yazar E., Nitelikli Tekstil Teknikerliği Eğitiminin Gereklilikleri, Workshop Organization, İzmir, Turkey, Aralık 2019

## Invited Congress and Symposium Activities

Strutex, Invited Speaker, Liberec, Czech Republic, 2018

## Citations

Total Citations (WOS):235

h-index (WOS):5

## **Scholarships**

Full tuition fee, University, 2003 - 2007