

ITU- Department of Textile Engineering Faculty Curriculum Vitae

Name, Surname	Cevza CANDAN			
Academic Rank/Title	Professor			
Status	Full-time			
Education (Earned Degrees)	Degree	Field	Institution	Year
	B.Sc.	TE	İ.T.Ü	1988
	M.Sc.	TE	İ.T.Ü	1990
	Ph.D.	TE	Uni. of Leeds	1995
Years of Service on This Department ⁽¹⁾	Rank	Year of Appointment	Total no. of years	
	Lecturer	-	-	
	Assistant Prof.	1995	2	
	Associate Prof.	1997	5	
	Professor	2003	12	
Courses taught	Course	h/wk (theoretical)	h/wk (lab./tutorial)	Type of course⁽²⁾
	Knitting Tech.	2	1	BSc in TE
	Weft Knitting	3	-	BSc in TE
	Warp Knitting	3	-	BSc in TE
	Fashion Management	4	-	MSc. In TE
	Fashion Aesthetics	4	-	MSc. In TE
	Acoustic Textiles	3	-	MSc. In TE
	Luxury Fashion Management	4	-	MSc. In TE
	Knitwear Design: Machine Knitting	0	4	BFA in FD
	Comparative Fabric Structures	2	2	BFA in TDM
	Fabrics for Private Label Apparel	2	2	BFA in TDM
Areas of Research	Knitting technology, design of laundry programs (for domestic type washing machines) for functional textiles, dynamics of knitting elements: modelling of knitting elements using FEM, functional textiles, textile membranes			
Total number of publications in last five years	45 international Over 60 national			

Principal publications of last five years (refereed papers, symposium and conference contributions, books, in Turkish or foreign languages)

Refereed PAPERS in the journals cited SCI, and the other Indexes:

1. Sena CİMİLLİ, B. U. NERGİS, Cevza CANDAN ve M. ÖZDEMİR, A Comparative Study of Some Comfort-Related Properties of Socks of Different Fiber Types, *Textile Research Journal*, Vol 80 (10), 2010, pp 948-957
2. Yeşim İ. BECEREN, Sena CİMİLLİ, Cevza CANDAN, Properties of plain knits from siro-spun viscose/spandex yarns, *Fibres & Textiles in Eastern Europe*, Ocak 2010, V18, N1 (78), pp41-47.
3. Merve KUCUKALI OZTURK, Banu UYGUN NERGİS, Cevza CANDAN, A Study of Wicking Properties of Cotton-Acrylic Yarns & Knitted Fabrics, *Textile Research Journal*, Volume 8, Issue 3, February 2011, 324-328
4. Sena C. Duru, Cevza Candan, Effect of repeated laundering on wicking and drying properties of fabrics of seamless garments, *Textile Research Journal*, Volume 83 Issue 6 April 2013 pp. 41 – 55.
5. S.Cimilli, E. Deniz, C.Candan, B.U.Nergis, Determination of Natural Convective Heat Transfer Coefficient for Plain Knitted Fabric via CFD Modeling, *FIBRES & TEXTILES in Eastern Europe*, 2012, 20, 1(90),42-46.
6. Merve KUCUKALI OZTURK, Klara Kalinova, Banu UYGUN NERGİS, Cevza CANDAN, Comparison Of Resonant Frequency Of Nanofibrous Membrane And Homogenous Membrane Structure, *Textile Research Journal*, Published online June 2013, DOI: 10.1177/0040517513490064
7. Merve KUCUKALI OZTURK, Klara Kalinova, Banu UYGUN NERGİS, Cevza CANDAN, A new noise protection system makes itself heard: A warp-knitted spacer textile in a composite with a nanofibrous membrane improves the sound-absorption capacity, *Kettenwirk-Praxis*, Issue 2, 2014, Pages 28-29
8. Sena DURU, Cevza CANDAN, Effect of Yarn, Machine and Knitting Process Parameters on Dynamics of Circular Knitting Needle, Accepted for publishing in *Textile Research Journal*, July 2014,
9. Konstadinos Abeliotis; Cevza Candan; Caroline Amberg; Ada Ferri; Miguel Osset; Jeremy Owens; Rainer Stamminger, Impact Of Water Hardness On Consumers' Perception Of Laundry Washing Result In Five European Countries, *International Journal of Consumer Studies*, *International Journal of Consumer Studies*, 39 (2015), pp 60–66
10. Sena DURU, Cevza CANDAN, Ata MUGAN, Effect of yarn, machine and knitting process parameters on the dynamics of the circular knitting needle, *Textile Research Journal*, 2015, Vol. 85(6) 568–589, DOI: 10.1177/0040517514547216
11. Merve KUCUKALI OZTURK, Banu UYGUN NERGİS, Cevza CANDAN, Klara Kalinova, Effect of Fiber Diameter and Air Gap on Acoustic Performance of Nanofibrous Membrane, "Journal of Chemistry and Chemical Engineering", Volume 9, Number 1, June 2015 (Serial Number 86).
12. Nebahat ARAL, Banu UYGUN NERGİS, Cevza CANDAN, An alternative X-ray shielding material based on coated textiles, *Textile Research Journal*, published online, June 17, 20150040517515590409
13. M. K. Öztürk, E.Ö. Yenigün, B. Nergis, C. Candan, Nano Enhanced Light-Weight Composite Textiles For Acoustic Applications, *Journal of Industrial Textiles*, Accepted for publication, July 2015
14. Sena DURU, Cevza CANDAN, Banu UYGUN NERGİS A Multicriteria Decision Approach on Physical Properties of Socks Made from Different Fiber Types, *Journal of Fashion Technology & Textile Engineering*, <http://dx.doi.org/10.4172/2329-9568.S1-009>
15. Konstadinos Abeliotis, Caroline Amberg, Cevza Candan, Ada Ferri, Miguel Osset, Jeremy Owens, Rainer Stamminger, Trends in laundry by 2030, *H&PC Today - Household and Personal Care Today*, vol. 10(5) September/October 2015, pp 22-28
16. Sena CİMİLLİ DURU, Cevza CANDAN, Ata MUĞAN Evaluation Of Wear In Needles Working With Open End Cotton Yarn, *TEKSTİL ve KONFEKSİYON* 25(2), 2015, pp162-167
17. Ada Ferri; Miguel Osset; Konstadinos Abeliotis; Cevza Candan; Caroline Amberg; Jeremy Owens; Rainer Stamminger, Laundry performance: effect of detergent and additives on consumer satisfaction, *Tenside Surfactants Detergents*, Accepted for publication, December 2015.

⁽¹⁾ The Department of Textile Engineering has been operating under the Faculty of Textile Technologies & Design since 2004. Formerly, it was one of the Departments of the Faculty of Mechanical Engineering.

⁽²⁾ Types of courses are classified regarding the degrees given in both undergraduate and graduate programs.

Principal publications of last five years [continued] (refereed papers, symposium and conference contributions, books, in Turkish or foreign languages-

International Conferences

1. Merve KUCUKALI OZTURK, Banu UYGUN NERGİS, Cevza CANDAN, Use Of 3D Knitted Spacer Fabric With Chipboard Backing To Improve Sound Absorbency, Covitex 2011, Pakistan, 13-14 March, 2011
2. S. C. Duru, C. Candan, Dynamic Analysis Of Needle Used At Circular Knitting Machines, 5TH International Textile, Clothing & Design Cconference- Magic World Of Textiles, Croatia, Dubrovnik, 03-06 October 2010
3. Merve Kucukali Ozturk, Banu Uygun Nergis, Cevza Candan, Influence Of Washing Programs Of Domestic Washing Machines On Wool Goods, TRS 2012, 41st Textile Research Symposium, Portugal-Guimares, 11-14 SEPT 2012
4. Sena Cimilli Duru, Cevza Candan, Seda Taşçınar, Pelin Gözübüyük, Seamless Garment Design For Outerwear, TRS 2012, 41ST TEXTILE RESEARCH SYMPOSIUM, PORTUGAL-GUIMARES, 11-14 SEPT 2012.
5. Merve Kucukali Ozturk, Banu Uygun Nergis, Cevza Candan, A Study On The Influence Of Polyester Yarn Structure On Sound Absorption Properties Of Spacer Knitted Fabric, AUTEK 2012, 13-15 June 2012, Croatia
6. Merve Kucukali Ozturk, Banu Uygun Nergis, Cevza Candan, Spacer Fabric Design With Enhanced Acoustic Properties, AUTEK 2011, 6-8 June 2011, Mulhouse, France
7. S. Cimilli, E. Deniz, C. Candan, B. U. Nergis, A Multi-Criteria Decision Approach On Comfort Properties Of Socks Made From Different Fibre Types, Innovations In Textile Materials & Protective Clothing, Monograph, Warsaw, 2012, Proceedings Book, Chapter 3, Pp 196.
8. Merve Kucukali Ozturk, Banu Uygun Nergis, Cevza Candan, Effect Of Face Fabric Layer Structure On Sound Absorption Of Spacer Knitted Structure, 19th International Conference, Structure And Structural Mechanics Of Textiles, TU Liberec, Czech Republic, Aralık 2012.
9. Merve Kucukali Ozturk, Banu Uygun Nergis, Cevza Candan, Klara Kalinova, The Effect Of Measuring Equipment Settings On Resonant Behavior Of Nanofibrous Membrane, The International Istanbul Textile Congress 2013, 30 May-1 June 2013, İstanbul, Turkey
10. Umut Kivanc SAHIN; İkilem GOCEK; Cevza CANDAN; Fatma Banu UYGUN NERGİS; Fatma Betül DEMİREL; Merve Ozlem DOBUR; Melek GUL, Acquiring Antistatic Viscose Knitted Fabric With Improved Durability By The Utilisation Of Metal Salts And Plasma Treatment, Manchester & Cheshire Section & Technical Textiles Special Interest Group (SIG), International Conference: Advances In Functional Textiles, Manchester-England, 25-26 July 2013,
11. İkilem Gocek; Umut Kivanc Sahin; Cevza Candan; Fatma Banu Uygun Nergis; Merve Ozlem Dobur; Fatma Betül Demrel; Melek Gul, Obtainment Of Antibacterial Efficacy Along With Prolonged Use-life For Polyester Knitted Fabric, Manchester & Cheshire Section & Technical Textiles Special Interest Group (SIG), International Conference: Advances In Functional Textiles, Manchester-England, 25-26 July 2013
12. Berkalp, O., Yalçın İ., Küçükali M., Nergis, B.U., Candan, C. And Bakkal M., Eco-Friendly Sound Absorbant Composite Panels, Manchester & Cheshire Section & Technical Textiles Special Interest Group (SIG), International Conference: Advances In Functional Textiles, Manchester-England, 25-26 July 2013
13. İkilem GOCEK; Umut Kivanc SAHIN; Melek GUL; Cevza CANDAN; Fatma Banu UYGUN NERGİS; Fatma Betül DEMİREL, Attaining Prolonged Antibacterial Efficacy For Plasma Modified Polyamide To Obtain An Advanced Functional Textile, AMWC 2013, 16-20 Sept., Cesme-Izmir
14. Umut Kivanc SAHIN; Melek GUL; İkilem GOCEK; Fatma Banu UYGUN NERGİS; Cevza CANDAN, Enhanced Antistatic Durability For Metal Treated Viscose Via Atmospheric Plasma Technique, AMWC 2013, 16-20 Sept., Cesme-Izmir
15. Merve Kucukali Ozturk, Banu Uygun Nergis, Klara Kalinova, Cevza Candan, The Effect Of Measuring Equipment Settings On Resonant Behavior Of Nanofibrous Membrane, The International Istanbul Textile Congress 2013 May 30th To June 1th 2013, İstanbul, Turkey
16. Merve Kucukali Ozturk, Banu Uygun Nergis, Cevza Candan, Klara Kalinova, The Influence Of Air Gap Between Non-Fibrous Layer And Rigid Wall On The Sound Absorption Behavior, International Conference, TEXTILE SCIENCE & ECONOMY 2013, 5-6 November 2013, Zrenjanin-Serbia

	<p>17. N. Aral, B. Nergis, C. Candan, Non-Lead X-Ray Shielding Textile Material For Medical Applications, 14th AUTEX World Textile Conference, 26-28 May 2014, Bursa, Türkiye</p> <p>18. Merve K. Ozturk, Banu U. Nergis, Cevza Candan, Klara Kalinova, The Effect Of Mass Per Unit Area On The Sound Absorption Behavior Of The Combined Structures From Nanofibrous Membrane And Porous Material, 14th AUTEX World Textile Conference, 26-28 May 2014, Bursa, Türkiye</p> <p>19. E. İşmar, M. Kucukali Ozturk, B. U. Nergis, C. Candan, Investigation Of Sound Absorption Properties Of Acrylic/Wool Blended Spacer Knitted Fabrics, 14th AUTEX World Textile Conference, 26-28 May 2014, Bursa, Türkiye</p> <p>20. S. C. Duru, C. Candan C., Y. Beceren, A Multicriteria Decision Approach On Properties Of Plain Knits From Siro-Spun Viscose/Spandex Yarns, 14th AUTEX World Textile Conference, 26-28 May 2014, Bursa, Türkiye</p> <p>21. S. C. Duru, C. Candan C., B. Nergis, A Multicriteria Decision Approach On Physical Properties Of Socks Made From Different Fiber Types, 47th International Federation Of Knitting Technologists Congress, 23-26 Sept, 2014, İzmir-Turkey</p> <p>22. S. C. Duru, C. Candan C., Y. Beceren, Stress And Strain Analyses Of Circular Knitting Needles By Using Finite Element Method, 47th International Federation Of Knitting Technologists Congress, 23-26 Sept, 2014, İzmir-Turkey</p> <p>23. N. Aral, B. Nergis, C. Candan, X-Ray Attenuation Properties Of Metal Powder Silicone Rubber Coated Fabrics, 6th International Istanbul Textile Conference, Future Technical Textiles 2014, 15-17 October 2014, İstanbul, Türkiye</p> <p>24. B. Kalaycı, C. Candan, A Comprehensive Review: Eco-Design Approaches With The Use Of Sustainable Textiles In Aviation Industry, International Symposium On Sustainable Aviation, May 31- June 3, 2015, İstanbul, TURKEY</p> <p>25. S.C. Duru, C. Candan, Wicking And Drying Behaviours Of Seamless Garments, TBIS 2015 International Symposium Globalized Innovations June 14-17, 2015, Zadar, Croatia</p> <p>26. Merve K. Ozturk, Banu U. Nergis, Cevza Candan, Klara Kalinova, A Study On Acoustic Behavior Of The Combined Structure From Nanofibrous Membrane And Nonwoven Fabric, International Conference On Advances In Composite Materials And Structures, 13-15 April 2015, İstanbul Technical University, İstanbul, Turkey</p> <p>27. Merve K. Ozturk, Banu U. Nergis, Cevza Candan, Klara Kalinova, Use Of PU Nanofibrous Membrane Based Material For Acoustic Application, 15th AUTEX World Textile Conference 2015, June10-12, Bucharest, ROMANIA</p> <p>28. İkilem Göcek, Muhammed Heysem Arslan, Umut Kıvanç Şahin, Hatice Açıkgöz Tufan, Fatma Banu Uygun Nergis And Cevza Candan, Durability Of Antibacterial Efficacy Against Laundering For Atmospheric Plasma-Treated Knitted Fabrics With Metal Salts, ATC 13-3th Asian Textile Conference, Australia, 30 October-4 November 2015</p>																				
Institutional services in the last five years	<ul style="list-style-type: none"> • SUNY ITU-FIT Fashion Design Program Coordinator, 2006-... • Member of the Executive Board for the Apparel Retail and Fashion Management Master Program, 2014-..... • ITU Senate Member, 2012-2015 • Member of the Faculty Executive Board, 2004-2015 • Head of ABET committee of the TE Department, 2007-2012 																				
Percentage of time available for research or scholarly activities	50%																				
Percentage of time committed to the program	50%																				
Other related experience	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 15%;">Year of Appt.</th> <th style="width: 15%;">Total no. of years</th> <th style="width: 20%;">Place</th> </tr> </thead> <tbody> <tr> <td>Teaching</td> <td>2001, 2013</td> <td>2</td> <td>Marmara and Dogus Universities</td> </tr> <tr> <td>Research</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Industrial</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Government</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Year of Appt.	Total no. of years	Place	Teaching	2001, 2013	2	Marmara and Dogus Universities	Research				Industrial				Government			
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	Teaching	2001, 2013	2	Marmara and Dogus Universities																	
	Research																				
	Industrial																				
Government																					
Memberships of scientific and professional societies	-																				

Principal funded R&D projects and professional services performed of last five years	<ol style="list-style-type: none"> 1. Board for Washing Excellence (International Academic Knowledge Platform (BWE), supported by RECKITT BENKISER Group (United Kingdom) 2. Design of non-lead textile materials for medical applications, TÜBİTAK 112M453, 15.02.2013-15.02.2014 3. Improving insulation effect in closed mediums at high temperatures, TÜBİTAK 113M525, 20.09.2013-20.11.2015 4. Design of textile composites with nanofiber membrane, İTÜ BAP, Mayıs 2015-
Professional development activities in the last five years	<ol style="list-style-type: none"> 1. 47th International Federation of Knitting Technologists Congress, 23-26 Sept, 2014 2. 2nd International Engineering Education Conference (IEEC2012), 3 Nov. 2012 3. XIII International Forum of Studies «Le Vie dei Mercanti»: Heritage And Technology, Mind, Knowledge, Experience, BENECON Research Center, İtal, 11-13 June 2015
Honors and awards	<ol style="list-style-type: none"> 1. İ.T.Ü International Scientific and Art Publications Incentive Award (2000) 2. TÜBİTAK International Scientific and Art Publications Incentive Award (2000, 2002, 2008, 2009, 2012, and 2014)
Patents, Loyalties, Consulting, etc.	<ol style="list-style-type: none"> 1. Head of the editorial board of Tekstil&Teknik (national sectoral magazine) 2. Journal of Industrial Engineering, (member of the editorial board), 2013- 3. Independent Journal of Management & Production, (member of the editorial board), 2014- 4. The Research Executive Agency (REA), H2020-FET Project evaluator, 2014- <p>Consulting: LC WAIKIKI APPAREL Company, May 2015-....</p>
<u>CONTACT INFORMATION</u>	
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