Dr. Nazan ERDUMLU

**PERSONAL INFORMATION**

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| Adress: | İnönü Cad. No:65, 34437 Gümüşsuyu, Beyoğlu, İSTANBUL |
| **Mobile phone:** Office phone: **Home phone:** | +905327079198  +902122931300 / 2433  +902122320676 |
| E-mail: | okurn@itu.edu.tr |
| **Place/Date of birth:** | Isparta / 25.01.1980 |
| **Marital status:** | Married, 1 son |

## EDUCATION

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| --- | --- |
| 09/2006 - 04/2011 | ITU Institute of Science and Technology, Textile Engieering PhD Program |
| 10/2008 - 10/2009 | North Carolina State University (ABD), College of Textiles, Visiting Researcher |
| 09/2003 - 06/2006 | ITU Institute of Science and Technology, Textile Engieering MSc Program |
| 09/1999 - 06/2003 | ITU Faculty of Mechanical Engineering, Department of Textile Engineering |
| 09/1998 - 06/1999 | ITU School of Foreign Languages, English Prep Program |

**PhD dissertation:** An Approach to Investigate the Spinnability of Fine Count Yarns on Vortex Spinning System.

Advisor:Prof.Dr. Bulent OZIPEK – Prof.Dr. William OXENHAM (NCSU)

**MSc thesis:** Comparative Analysis of Bamboo Fiber and Yarn Properties with Performance Properties of Other Fibers and Yarns.

Advisor:Prof.Dr. Bulent OZIPEK

## WORK EXPERIENCE

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| --- | --- |
| 07/2011-\* | ITU Faculty of Textile Technologies and Design - Research Assistant Dr. |
| 03/2006 – 07/2011 | ITU Faculty of Textile Technologies and Design - Research Assistant |
| 04/2004 - 09/2005 | Detay Translation Office – Translator |
| 07/2003 - 04/2004 | Hey Textile Company – Assistant Merchandiser |

# FOREIGN LANGUAGES

#### English(TOEFL IBT:96), German (Beginner)

## FIELD OF STUDY

· Yarn Technologies

· Technical Yarns

· Application of Nanomaterials and Composites to Different Fields

· Analysis of Efficiency and Competitiveness in Textile and Apparel Industry

· Apparel Retailing

## PUBLICATIONS

**International Journal Articles**

**Expanded SCI, SSCI, AHCI**

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| 1. ERDUMLU, N., OXENHAM, W. and OZIPEK, B., “The Impact of Combing and Processing Parameters on the Structure and Properties of Fine Count Vortex Yarns”, Textile Research Journal, 2013, Vol.83(4), 396-405. | |
| 1. ERDUMLU, N., OZIPEK, B. and OXENHAM, W., “The Structure and Properties of Carded Cotton Vortex Yarns”, Textile Research Journal, 2012, Vol.82(7), 708-718. | |
| 1. ERDUMLU, N., OZIPEK, B., OZTUNA, A.S. and CETİNKAYA, S., "Investigation of Vortex Spun YarnProperties in Comparison with Conventional Ring and Open-End Rotor Spun Yarns”, Textile Research Journal, 2009, Vol.79(7), 585-595. | |
| 1. ERDUMLU, N. and OZIPEK, B., "Effect of Draft Ratio on the Properties of Vortex Spun Yarn", Fibres & Textiles in Eastern Europe, 2010, Vol.18, No.3(80), 38-42. |
| 1. ERDUMLU, N., “Analysis of Global Impacts on the Turkish Cotton Spinning Industry”, Fibres & Textiles in Eastern Europe, 2009, Vol.17, No.5(76), 9-13. |
| 1. ERDUMLU, N. and OZIPEK, B., "Investigation of Regenerated Bamboo Fibre and Yarn Characteristics", Fibres & Textiles in Eastern Europe, 2008, Vol.16, No.4(69), 43-47. |
| 1. ERDUMLU, N. and SARICAM, C., “Electromagnetic shielding effectiveness of woven fabrics containing cotton/metal wrapped hybrid yarns”, Journal of Industrial Textiles, 2015, *accepted for publishing.* |
| 1. ERDUMLU, N., “Efficiency Benchmarking Based on Data Envelopment Analysis: A Case for Turkish Textile Sector”, Journal of the Textile Institute, 2015, *accepted for publishing*. |
| 1. ERDUMLU, N., “Evaluation of Drape, Bending and Formability of Woven Fabrics Made from Metal Covered Hybrid Yarns”, Journal of Textile and Apparel, 2015, Vol.25, No.1, 47-53. |
| 1. ERDUMLU, N. and SARICAM, C., "Wicking and Drying Properties of Conventional Ring and Vortex Spun Yarns and Fabrics", Journal of the Textile Institute, 2013, Vol. 104, No. 12, 1284-1291. |
| 1. ERDUMLU, N., OZIPEK, B., YILMAZ, G. and TOPATAN, Z. "Reuse of Effluent Water Obtained in Different Textile Finishing Processes", Autex Research Journal, 2012, Vol.12, No.1, 23-28. |

**Other indexes**

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| 1. SARICAM, C. and ERDUMLU, N., “Classification of Distribution Channels of Textile and Apparel Retailers in Turkey”, The Research Journal of the Costume Culture, 2013, Vol.21, No.6, 961-966. |
| 1. ERDUMLU, N. and SARICAM, C., “Measuring the Efficiency of Turkish Apparel Retailers”, Ege Academic Review, 2013, Vol.13, No.2, 237-244. |
| 1. SARICAM, C. and ERDUMLU, N., “Evaluating Efficiency Levels Comparatively: Data Envelopment Analysis Application for Turkish Textile and Apparel Industry”, Journal of Industrial Engineering and Management, 2012, Vol.5, No.2, 518-531. |
| 1. ERDUMLU, N., OZIPEK, B. and OXENHAM, W., “Vortex Spinning Technology”, Textile Progress, 2012, Vol. 44, No. 4, 141-174. |

**International Conference Papers**

**Full papers**

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| 1. ERDUMLU, N., SARICAM, C., GOCEK, I., SAHIN, U.K., ORAL, M., DOGRU, B., SENYAVAS, U., BAYKAL, C., “Design of Cyclodextrine Reinforced Composite Textile Membrane”, 5th International Istanbul Textile Congress 2015: Innovative Technologies “Inspire to Innovate”, 11-12 Eylül 2015, İstanbul, TÜRKİYE. (Sözlü Bildiri) |
| 1. ERDUMLU, N., SARICAM, C., SENSOY, D., HATIPOGLU, I., TUGLUK, E.T. and DELEN, Z.B., An Exploration of Fast Fashion Consumers’ Profile, 6th International Conference of Applied Research on Textile, 13-15 Kasım 2014, Hammamet, TUNUSIA. |
| 1. SARICAM, C. and ERDUMLU,N., Assessment of Features of Private Shopping Websites for Apparel Retailing, 6th International Conference of Applied Research on Textile, 13-15 November 2014, Hammamet, TUNUSIA. |
| 1. ERDUMLU, N. and SARICAM, C., “Wicking Properties of Conventional Ring and Vortex Spun Viscose Yarns”, The 2nd International Textiles and Costume Congress, 28-29 October 2013, Bangkok, THAILAND. |
| 1. SARICAM, C. and ERDUMLU,N., “Classification of Distribution Channels of Textile and Apparel Retailers in Turkey”, The 2nd International Textiles and Costume Congress, 28-29 October 2013, Bangkok, THAILAND. |
| 1. BİLDİRİCİ, C., ALBAYRAK, M., OZIPEK, B. and ERDUMLU, N., “Printing Possibilities of Organic Cotton by Using Natural Dyes”, ICONTEX, 20-22 October 2011, Tekirdag, TURKEY. |
| 1. ERDUMLU, N., OXENHAM,W. and OZIPEK, B. “Evaluation of Fuzz on Knitted Fabrics made of Vortex Spun Yarns”, 10th AUTEX World Textile Conference, 21-23 June 2010, Vilnius, LITHUANIA. |
| 1. SARICAM, C. and ERDUMLU,N., “A Research on Online Apparel Retailing Applications in Turkey”**,** 10th AUTEX World Textile Conference, 21-23 June 2010, Vilnius, LITHUANIA. |
| 1. ERDUMLU, N. and SARICAM, C., “Overview of Apparel Retailing Industry in Turkey”, 41st International Symposium on Novelties in Textiles, 27-29 May 2010, Ljubljana, SLOVENIA. |
| 1. SARICAM, C. and ERDUMLU, N., “The Impact of Knowledge on The Purchasing Decision of Environmentally Friendly Apparel”, 41st International Symposium on Novelties in Textiles, 27-29 May 2010, Ljubljana, SLOVENIA. |
| 1. ERDUMLU, N. and OZIPEK, B., “Effects of Repeated Laundering on the Performances of Plain Jersey Knitted Fabrics Made from Vortex and Ring Spun Yarns”, The Textile Research Division of the National Research Centre (NRC), 6th International Conference, 5-7 April 2009, Cairo, EGYPT. 2. ERDUMLU, R.M., TANYAŞ, M. and ERDUMLU, N., "City Logistics and Freight Village Development for Textile and Clothing Industry", Intelligent Textiles and Mass Customisation International Conference, 15-17 November 2007, Casablanca, MOROCCO. |
| **Abstracts**   1. ERDUMLU, N., “Electromagnetic Shielding Applications in Textiles”, 8th AUTEX World Textile Conference, 24-26 June 2008, Biella, ITALY. |

**National Research Papers**

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| 1. ERDUMLU, N., OXENHAM, W. and OZIPEK, B., “Properties of Vortex, Conventional Ring and Compact Ring Spun Yarns”, Electronic Journal of Textile Technologies, 2013, Vol: 7, Issue: 2, 7-15. |
| 1. ERDUMLU, N. and OXENHAM, W., “Tensile Properties of Plied Vortex Yarns”, Electronic Journal of Textile Technologies, 2011, Vol: 5, Issue: 3, 1-9. |
| 1. ERDUMLU, N.,“The Factors Affecting the Structure and Proporties of the Yarns Spun on Murata Vortex Spinner (MVS) Yarn Spinning System”, Electronic Journal of Textile Technologies, 2010, Vol: 4, Issue: 1, 98-108. |
| 1. ERDUMLU, N.,“Bamboo Fiber and its Properties”, Electronic Journal of Textile Technologies, 2008, Vol: 2, Issue: 3, 45-50. |
| 1. ERDUMLU, N., “Performances of Compact Yarns Produced on Different Systems”, Örme İhtisas Dergisi, Year:5, Issue:29, May- June 2008. |

**National Conference Papers**

**Abstracts**

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| 1. ERDUMLU, N., SARICAM C., SENSOY, D., HATIPOGLU, I., DELEN, Z.B. ve TUGLUK, E.T., “Modada Yenilikçiliğin Benimsenmesi: Türk Hızlı Moda Tüketicilerine Yönelik Bir Araştırma”, 20. Ulusal Pazarlama Kongresi, Pazarlamanın Sosyal Yönü: Sosyal Pazarlama, 10-13 Haziran 2015, Eskişehir. |
| 1. SARICAM, C. ve ERDUMLU, N., “Türkiye’deki Özel Alışveriş Sitelerinin Müşteri Beklentilerini Karşılama Derecesinin Değerlendirilmesi”, 20. Ulusal Pazarlama Kongresi, Pazarlamanın Sosyal Yönü: Sosyal Pazarlama, 10-13 Haziran 2015, Eskişehir. |

## AWARDS

* 4. Akın Çakmakcı, Best Thesis and Institution Award in University-Industry Cooperation (2012)
* Rieter 2011 International Student Award (2011)

## RESEARCH PROJECTS

* **ITU BAP – 37163:** Design of Cyclodextrine Included Hybrid Fibre **(*Project Coordinator*),** May 2013-\*
* **ITU BAP – 39038** Investigation of the Usability of Caffeine in Production of UV Protective Textiles **(*Researcher*),** January 2016 -\*
* **ISTKA -** Center of Advanced Technology and Inovation on Textile based Composite and Insulation **(*Researcher*),** September 2015 -\*