

## **Asst. Prof. İbrahim Zeki AKYURT**

### **Personal Information**

**Email:** akyurt@istanbul.edu.tr

**Web:** <http://aves.istanbul.edu.tr/akyurt/>

### **Education Information**

Doctorate, Istanbul University, Institute of Social Sciences, İşletme Abd/ Üretim Bilim Dalı, Turkey 2005 - 2010

Postgraduate, Istanbul University, Institute of Social Sciences, İşletme Abd/ Üretim Bilim Dalı, Turkey 2002 - 2005

Undergraduate, Istanbul University, School Of Business, İşletme, Turkey 1998 - 2002

### **Foreign Languages**

English, B1 Intermediate

### **Research Areas**

Social Sciences and Humanities, Management, Production Management, Logistics Management, Quality and Production Management

### **Academic Titles / Tasks**

Assistant Professor, Istanbul University, School of Business, Üretim , 2018 - Continues

Assistant Professor, Istanbul University, School of Business, Üretim , 2011 - 2018

Research Assistant PhD, Istanbul University, School of Business, Üretim , 2010 - 2011

Research Assistant, Istanbul University, School of Business, Üretim , 2002 - 2010

### **Academic and Administrative Experience**

İstanbul Üniversitesi, Uluslararası Öğrenci Uygulama Ve Araştırma Merkezi, 2019 - Continues

İstanbul Üniversitesi, Ulaştırma Lojistik Yüksekokulu, 2014 - Continues

İstanbul Üniversitesi, Sürekli Eğitim Uygulama Ve Araştırma Merkezi, 2012 - Continues

İstanbul Üniversitesi, School of Business, 2013 - 2016

### **Courses**

Üretim Yönetimi, Undergraduate, 2018 - 2019

TEDARİK ZİNCİRİNDE OPTİMİZASYON, Postgraduate, 2018 - 2019

LOJİSTİK YÖNETİMİ, Associate Degree, 2018 - 2019

HAVA YOLU TAŞIMACILIĞI VE UYGULAMALARI, Undergraduate, 2018 - 2019

LOJİSTİK YÖNETİMİ, Associate Degree, 2017 - 2018

LOJİSTİK YÖNETİMİ, Associate Degree, 2018 - 2019  
LOJİSTİK YÖNETİMİ, Undergraduate, 2018 - 2019  
YALIN ÜRETİM, Postgraduate, 2018 - 2019  
ÜRETİM SİSTEMLERİ PLANLAMASI, Undergraduate, 2018 - 2019  
üretim yönetimi, Undergraduate, 2017 - 2018, 2016 - 2017  
LOJİSTİK YÖNETİMİ, Undergraduate, 2018 - 2019  
modern üretim sistemleri, Undergraduate, 2017 - 2018, 2016 - 2017  
KALİTE SİSTEMLERİNİN TASARIMI, Postgraduate, 2018 - 2019  
YALIN ÜRETİM SİSTEMİ, Postgraduate, 2018 - 2019, 2017 - 2018  
modern üretim sistemleri, Undergraduate, 2018 - 2019, 2017 - 2018  
YALIN ÜRETİM SİSTEMİ, Postgraduate, 2017 - 2018  
Üretim Sistemleri, Undergraduate, 2018 - 2019, 2017 - 2018  
ÜRETİM SİSTEMLERİ PLANLAMASI, Undergraduate, 2017 - 2018  
ÜRETİM VE OPERASYON YÖNETİMİ, Postgraduate, 2018 - 2019  
LOJİSTİK YÖNETİMİ, Associate Degree, 2017 - 2018  
LOJİSTİK SİSTEMLERDE MODELLEME, Postgraduate, 2017 - 2018  
üretim sistemleri, Undergraduate, 2016 - 2017  
Endüstriyel Kalite Kontrol, Undergraduate, 2016 - 2017  
Üretim ve Operasyon Yönetimi, Postgraduate, 2013 - 2014  
Üretim ve Operasyon Yönetimi, Undergraduate, 2013 - 2014  
Kalite Güvencesi ve Standartları, Associate Degree, 2012 - 2013  
Üretim ve Operasyon Yönetimi, Postgraduate, 2012 - 2013  
lojistikte modelleme, Postgraduate, 2013 - 2014  
modern üretim sistemleri, Undergraduate, 2012 - 2013  
Lojistikte Modelleme, Postgraduate, 2012 - 2013, 2011 - 2012  
üretim sistemleri, Undergraduate, 2012 - 2013  
Üretim Yönetimi, Associate Degree, 2012 - 2013  
Üretim Yönetimi, Undergraduate, 2011 - 2012

## Advising Theses

AKYURT İ. Z., X-S, Cusum ve Ewma kalite kontrol grafiklerinin bir seramik karo üretim işletmesinde uygulanması, Postgraduate, B.Canan(Student), 2018

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **An integrated ARAS and interval type-2 hesitant fuzzy sets method for underground site selection: Seasonal hydrogen storage in salt caverns**  
Iordache M., Schitea D., Deveci M., Akyurt I. Z., Iordache L.  
JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING, vol.175, pp.1088-1098, 2019 (SCI-Expanded)
- II. **Hydrogen mobility roll-up site selection using intuitionistic fuzzy sets based WASPAS, COPRAS and EDAS**  
Schitea D., Deveci M., Iordache M., Bilgili K., Akyurt I. Z., Iordache I.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.44, no.16, pp.8585-8600, 2019 (SCI-Expanded)
- III. **A GIS-based interval type-2 fuzzy set for public bread factory site selection**  
Deveci M., Akyurt I. Z., YAVUZ S.  
JOURNAL OF ENTERPRISE INFORMATION MANAGEMENT, vol.31, no.6, pp.820-847, 2018 (SSCI)

## Articles Published in Other Journals

- I. **A Comparative Research on The Crew Planning Department of Airlines Adopting Different Business Models-Turkish Flag Carrier and A Low-Cost Airline Example**  
YAŞLIOĞLU D. T., AKYURT İ. Z., YAŞLIOĞLU M., ERDAĞ T.  
Journal of aviation (Online), vol.7, no.1, pp.17-28, 2023 (Peer-Reviewed Journal)
- II. **ÇANAKKALE KALE SERAMİK İŞLETMESİ KARO ÜRETİMİNDE  $\alpha$ - $\beta$ , CUSUM VE EWMA KALİTE KONTROL GRAFİKLERİNİN UYGULANMASI**  
AKYURT İ. Z., Türkmen B. C.  
Akademik Bakış Uluslararası Hakemli Sosyal Bilimler Dergisi, no.66, pp.376-395, 2018 (Peer-Reviewed Journal)
- III. **Reorder Point and Replenishment Point of Dynamic Inventory Model under Shortages**  
AKYURT İ. Z.  
Research Journal of Politics, Economics and Management, vol.4, no.2, pp.69-86, 2016 (Peer-Reviewed Journal)
- IV. **Comparison of Periodic Review Inventory Models under Poisson Demand Distribution**  
AKYURT İ. Z.  
Social Sciences Research Journal, vol.5, no.1, pp.150-160, 2016 (Peer-Reviewed Journal)
- V. **TALEP TAHMİNİNİN YAPAY SİNİR AĞLARIYLA MODELLENMESİ: YERLİ OTOMOBİL ÖRNEĞİ**  
AKYURT İ. Z.  
İstanbul Üniversitesi İktisat Fakültesi Ekonometri ve İstatistik eDergisi, no.23, pp.147-157, 2015 (Peer-Reviewed Journal)
- VI. **Using Genetic Algorithm for Winter Maintenance Operations: Multi Depot K- Chinese Postman Problem**  
AKYURT İ. Z., KESKİNTÜRK T., Kalkancı Ç.  
Emerging Markets Journal, vol.5, no.1, pp.50-59, 2015 (Peer-Reviewed Journal)
- VII. **Genetic Algorithm for Distance Balancing in Set Partitioning Problems**  
AKYURT İ. Z., KİREMİTÇİ S.  
Istanbul University Journal of the School of Business Administration, vol.41, no.1, pp.47-61, 2012 (Peer-Reviewed Journal)
- VIII. **Genetic algorithm for distance balancing in set partitioning problems**  
KİREMİTÇİ S., Akyurt I. Z.  
ISTANBUL UNIVERSITY JOURNAL OF THE SCHOOL OF BUSINESS, vol.41, no.1, pp.47-61, 2012 (ESCI)
- IX. **Ülke Derecelendirme Sisteminin Markov Zinciri ile Analizi**  
AKYURT İ. Z.  
İşletme İktisadi Enstitüsü Yönetim, no.69, pp.45-60, 2011 (Peer-Reviewed Journal)
- X. **Periyodik Opsiyonlu Yenileme Modeli Parametrelerinin Simülasyon Yardımıyla Belirlenmesi**  
AKYURT İ. Z., ÖNDER E.  
Akademik Fener, no.11, pp.63-74, 2009 (Peer-Reviewed Journal)
- XI. **Stokastik (R,s,S) ve Stokastik (R,S) Stok Kontrol Politikalarının Poliüretan Sektöründe Markov Karar Süreci Yardımıyla Karşılaştırılması**  
ÖZÇAKAR N., Akyurt İ. Z.  
İstanbul Üniversitesi İşletme Fakültesi İşletme İktisadi Enstitüsü Yönetim Dergisi, vol.18, no.56, pp.10-23, 2007 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Kanban Sisteminin Toyota Üretim Sistemiyle Özdeşleşmesi ve Bir Uygulama Örneği**  
AKYURT İ. Z., Aydoğdu T.  
II. Uluslararası Ekonomi, Finans ve Ekonometri Öğrenci Sempozyumu, İstanbul, Turkey, 3 - 04 May 2018, pp.45
- II. **Examination of Changing Bread Consumption Habits**  
AKYURT İ. Z., BEKTAŞ H.  
4th SCF International Conference on "Economics and Social Impacts of Globalization" and "Future Turkey-European

Union Relations”, Nevşehir, Turkey, 26 - 28 April 2018, pp.3

- III. **GENETIC ALGORITHM APPROACH FOR ROUTING WINTER SERVICE VEHICLES**  
AKYURT İ. Z., kalkancı ç.  
2015 International Conference on Business and Information- Winter, 4 - 06 February 2015, pp.316-320
- IV. **Ant colony optimization for Workload balancing in Paralle Machines while Minimizing Total Tardiness and Average of Active Machines**  
Yıldırım M. B., Barut M., KESKİNTÜRK T., AKYURT İ. Z.  
DSI Annual Meeting 2012, San Francisco, United States Of America, 17 - 20 November 2012, pp.1
- V. **SOLVING A SEALED - BID REVERSE AUCTION B2G (IMPLEMENTED BY TURKISH PUBLIC PROCUREMENT LAW) PROBLEM SATISFYING BOTH THE BUYER AND THE SUPPLIER BY QUANTITATIVE METHODS**  
Yurdakul H., AKYURT İ. Z., KESKİNTÜRK T.  
X. International Logistics and Supply Chain Congresses - 2012, Turkey, pp.1-7
- VI. **"Multi - criteria inventory classification (ABC) using analytic hierarchy process (AHP): a case study for an automotive weather stripping company"**  
AKYURT İ. Z., Yurdakul H., Saatçioğlu D.  
IX. International Logistics & Supply Chain Congress "International Retail Logistics in the Value Era", Turkey, 1 - 04 October 2011, pp.133-142
- VII. **Designing supply contract with quantity commitments and stochastic demand: a conceptual model**  
AKYURT İ. Z., Yurdakul h.  
IX. International Logistics & Supply Chain Congress "International Retail Logistics in the Value Era", Turkey, 1 - 04 October 2011, pp.322-327
- VIII. **Determination of teams in groups of Turkish Football Federation Third League Classification Groups by genetic algorithms.**  
AKYURT İ. Z., KESKİNTÜRK T., KİREMİTÇİ B., KİREMİTÇİ S.  
VIII. International Logistics And Supply Chain Congress, 4-5, İstanbul, Turkey, 4 - 05 November 2010, pp.1-15
- IX. **Determination of Teams in Groups Of Turkish Football Federation Third League Classification Groups by Genetic Algorithms**  
AKYURT İ. Z., KESKİNTÜRK T., Kiremitci B., Kiremitci S.  
VIII. International Logistics And Supply Chain Congress, İstanbul, Turkey, 1 - 04 November 2010, pp.1-7
- X. **Determining The Parameters of Periodic Optional Replenishment Model with Genetic Algorithm in a Distribution Center**  
AKYURT İ. Z., KESKİNTÜRK T., ARIKAN M. V.  
VII. International Logistics and Supply Chain Congress, Turkey, 1 - 04 January 2009, pp.494-500
- XI. **Shifting the innovation wind: approbation of discontinuous innovation in technology-driven organizations**  
BERBER A., AKYURT İ. Z.  
8th International Continuous Innovation Network (CINet) Conference, Chalmers University of Technology, Gothenburg, Sweden, 1 - 04 September 2007

## Supported Projects

AKYURT İ. Z., YAŞLIOĞLU M. M., Project Supported by Other Private Institutions, “Mutfak, Temizlik ve Çocuk Grubu Plastik Ürünlerinin Üretim Süreç Haritalarının ve Organizasyonunun Tasarımına Yönelik Araştırma ve Geliştirme Çalışması”, 2019 - 2019

AKYURT İ. Z., TUBITAK Project, Yenilikçi Girişimci Eğitim Programı, 2015 - 2019

## Metrics

Publication: 25  
Citation (WoS): 29  
Citation (Scopus): 22  
H-Index (WoS): 3  
H-Index (Scopus): 3

## **Scholarships**

Yurtiçi Doktora Bursu, TUBITAK, 2010 - Continues

## **Non Academic Experience**

Other Public Institution, İstanbul Büyükşehir Belediyesi  
Business Establishment Private, İstim Telekomünikasyon Hizmetleri A.Ş.  
Business Establishment Private, Alkım Tekstil