

## Assoc. Prof. GÜLŞEN AKMAN

### Personal Information

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### Education Information

Post Doctorate, Pennsylvania State University, Industrial and Manufacturing Engineering, United States Of America 2010 - 2010

Doctorate, Gebze Technical University, Institute Of Social Sciences, Turkey 1999 - 2003

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği, Turkey 1993 - 1996

Undergraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Endüstri Mühendisliği Bölümü, Turkey 1989 - 1993

### Foreign Languages

English, C1 Advanced

French, A1 Beginner

### Certificates, Courses and Trainings

Data Analysis, Bilimsel Araştırmalar Yaz Seminerleri, Karadeniz Teknik Üniversitesi, 2015

### Dissertations

Doctorate, Bilişim Sektöründe Pazar Odaklılık, Yenilik Stratejileri ve Yenilik Kabiliyeti Arasındaki İlişkiler ve Bunların Şirket Performansı Üzerindeki Etkileri, Gebze Yüksek Teknoloji Enstitüsü, Sosyal Bilimler Enstitüsü, İşletme (Dr), 2003

Postgraduate, Toplam Kalite Yönetimi, Kalite Güvencesi Sistemleri, Hizmette Kalite Yönetimi, Çevre Yönetim Sistemi ve Endüstriyel Uygulama, Istanbul Technical University, Fen Bilimleri Enstitüsü, 1996

### Research Areas

Industrial Engineering , Strategic planning, Technology and Innovation Management, Supply Chain and Logistics Management, Engineering and Technology

### Academic Titles / Tasks

Associate Professor, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2017 - Continues

Assistant Professor, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2005 - 2018

Assistant Professor, Pennsylvania State University, Engineering, Industrial Engineering, 2010 - 2010

Research Assistant PhD, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2003 - 2005

Research Assistant, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği, 1998 - 2003

## Academic and Administrative Experience

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2016 - Continues

Erasmus Coordinator, Kocaeli University, Mühendislik Fakültesi, 2013 - Continues

Erasmus Coordinator, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2011 - Continues

İntibak Komisyonu Başkanı, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2011 - 2015

## Courses

STRATEJİK PAZARLAMA YÖNETİMİ, Undergraduate, 2021 - 2022

BİTİRME ÇALIŞMASI, Undergraduate, 2021 - 2022

Bitirme çalışması, Undergraduate, 2021 - 2022

İleri İstatistiksel Analiz, Doctorate, 2021 - 2022

AR-GE VE TEKNOLOJİ YÖNETİMİ, Postgraduate, 2021 - 2022

STRATEJİK PAZARLAMA YÖNETİMİ, Undergraduate, 2021 - 2022

Ar-ge ve Teknoloji Yönetimi, Postgraduate

7.Dönem Projesi, Undergraduate

İleri İstatistiksel Analiz, Doctorate

7.Dönem Projesi, Undergraduate

stratejik Pazarlama Yönetimi, Undergraduate

Ar-ge ve Teknoloji Yönetimi, Postgraduate

Üretim Sistemlerinin tasarımı ve yönetimi, Undergraduate

Üretim sistemlerinin tasarımı ve yönetimi, Undergraduate

İleri İstatistiksel Analiz, Doctorate

Pazarlama Yönetimi, Postgraduate

Pazarlama Yönetimi, Postgraduate

Uzmanlık Alan Dersi Doktora, Doctorate

Uzmanlık Alan Dersi-Yüksek Lisans, Postgraduate

Üretim sistemlerinin tasarımı ve yönetimi, Undergraduate

Üretim sistemlerinin tasarımı ve yönetimi, Undergraduate

Stratejik Pazarlama Yönetimi, Undergraduate

İleri İstatistiksel Analiz, Doctorate

Uzmanlık Alan Dersi, Doctorate

Stratejik Pazarlama Yönetimi, Undergraduate

Uzmanlık Alan Dersi-Yüksek Lisans, Postgraduate

Ar-ge ve Teknoloji Yönetimi, Postgraduate

Pazarlama Yönetimi, Postgraduate

İleri İstatistiksel analiz, Doctorate

Üretim Sistemlerinin Tasarımı Yönetimi, Undergraduate

Üretim sistemlerinin Tasarımı ve Yönetimi, Undergraduate

İleri İstatistiksel Analiz, Doctorate

Pazarlama Yönetimi, Postgraduate

Kısıtlar Teorisi, Postgraduate

Ar-ge ve Teknoloji Yönetimi, Postgraduate

Pazarlama Yönetimi, Postgraduate

Kısıtlar Teorisi, Postgraduate  
Üretim Sistemlerinin Tasarımı ve Yönetimi, Undergraduate  
Tesis Planlama, Undergraduate  
Kısıtlar Teorisi, Postgraduate  
Endüstri Mühendisliğine Giriş, Undergraduate  
Satış ve Pazarlama yönetimi, Undergraduate  
Ürün Geliştirme, Undergraduate

## Advising Theses

Akman G., Dijitalleşmenin firmanın İnovasyon Performansı Üzerindeki Etkileri, Postgraduate, C.Emre(Student), 2021  
Akman G., TOPLAM KALİTE YÖNETİMİNİN ENDÜSTRİ 4.0 BİLEŞENLERİ İLE ETKİLEŞİMİNİN ANALİZİ, Doctorate, Ş.Kamile(Student), 2021  
Akman G., OHSAS 18001 İş Sağlığı ve Güvenliği Yönetim Sistemleri ve Bir Elektronik Firmasında Uygulanması, Postgraduate, B.Önbey(Student), 2019  
Akman G., Kuruluş Yeri Seçimi Problemlerinde Çok Ölçütlü Karar Verme Tekniklerinin Kullanılması: Barışı Destekleme Harekatı Örneği, Postgraduate, U.Emre(Student), 2018  
Akman G., Çok Kriterli Karar Verme Yöntemleri İle Beyaz Eşya Sektöründe Endüstri 4.0 Dijital Dönüşüm Yetkinlik Analizi, Postgraduate, Z.Kökümer(Student), 2018  
Akman G., Firmaların Eko İnovasyona Dayalı Sürdürülebilir Performanslarının İncelenmesinde Bir Model Önerisi, Doctorate, B.Aksu(Student), 2018  
Akman G., Verimsiz Bir Üretim Hattının AHP ve Değer Akışı ile İyileştirilmesi, Postgraduate, G.Sedefoğlu(Student), 2018  
Akman G., PROTOTİPTEN SERİ ÜRETİME GEÇİŞTE TEDARİK ZİNCİRİ TASARIMI, Postgraduate, Ç.Pamuk(Student), 2015  
Akman G., Risk ve Hız Pespektiflerini İçeren Geliştirilmiş bir Balanced Scorecard Modeli Önerisi, Doctorate, H.Turan(Student), 2014  
Akman G., Kısıtlar Teorisi düşünce üreçleri Yaklaşımı ile Ağaç Endüstrisinde Lojistik Süreçlerinin İyileştirilmesi, Postgraduate, F.Çolak(Student), 2013  
Akman G., Ürün Geliştirmede Bulanık Kalite Fonksiyonu Göçerimi Endüstriyel Bir Uygulama, Postgraduate, H.Eskioğlu(Student), 2012  
Akman G., BİSTATİK VE MULTİSTATİK SUALTI SENSÖR AĞLARININ OPTİMİZASYONU, Doctorate, M.Karataş(Student), 2012  
Akman G., Tedarikçi performansının değerlendirilmesinde Bütünleşik bir çok kriterli karar modeli, Postgraduate, H.Pişkin(Student), 2010  
Akman G., Otomotiv yan sanayinde Kalite yönetim sisteminin etkinliğinin değerlendirilmesine yönelik bir saha araştırması, Postgraduate, Ö.Aydmer(Student), 2010  
Akman G., Bir otomotiv firmasının ihracat dağıtım merkezinde milk run sisteminin kurulması, Postgraduate, Ö.Demir(Student), 2010  
Akman G., Yeni Ürün Geliştirme Sürecinde Tedarikçi Bütünleşmesinin TOPSIS yöntemi ile değerlendirilmesi, Postgraduate, F.Mine(Student), 2008  
Akman G., Yerel Alan İnternet Bağlantılarında Güvenliğin Sağlanmasında Kısıtlar Teorisinin Düşünce Süreçlerinin Kullanılması, Postgraduate, Ö.Ural(Student), 2007  
Akman G., ISO9001:200 Kalite Yönetim Sisteminin Kurumsal Kaynak Planlaması Sürecine Etkilerinin İncelenmesi, Postgraduate, S.Emre(Student), 2007

## Advising Graduates (Non-Thesis)

, Akman G., Kadın ve Erkeklerin Girişimcilikteki Rolü, Masters (Non-Thesis), B.Torun(Student), 2021  
Akman G., KORDBEZİ ÜRETİM İŞLETMESİNDE ÜRÜN ÖZELLİKLERİNİN İSTATİKSEL PROSES KONTROL YÖNTEMİ İLE TAKİBİ, Masters (Non-Thesis), Ö.Bostan(Student), 2020

Akman G., Proje Adı Geri Dönüşüm Tesisinin Kurulması Analitik Hiyerarşi Süreci ve TOPSIS ile Yer belirleme, Masters (Non-Thesis), C.Gürsucu(Student), 2019  
Akman G., MARKA YÖNETİMİ VE MARKA BAĞLILIĞININ SATIN ALMA DAVRANIŞI ÜZERİNE ETKİLERİ: BİR UYGULAMA, Masters (Non-Thesis), E.Tomrun(Student), 2019  
Akman G., TEDARİK ZİNCİRİ YÖNETİMİ VE ANALATİK HİYERARŞİ PROSESİNDE UYGULAMA, Masters (Non-Thesis), K.altıntaş(Student), 2019

## Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, April, 2022  
Doctorate, Doctorate, Kocaeli Üniversitesi, January, 2022  
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, July, 2021  
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, July, 2021  
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, July, 2021  
Post Graduate, Post Graduate, Kocaeli Üniversitesi, January, 2021  
Doctorate, Doctorate, Kocaeli Üniversitesi, January, 2021  
Post Graduate, Post Graduate, Kocaeli Üniversitesi, September, 2020  
Doctorate, Doctorate, Wright State University, June, 2020  
Appointment Academic Staff, Appointment Academic Staff, Kocaeli Üniversitesi, April, 2020  
Appointment Academic Staff, Appointment Academic Staff, Samsun Üniversitesi, April, 2020  
Appointment Academic Staff, Appointment Academic Staff, Kocaeli Üniversitesi, April, 2020  
Doctorate, Doctorate, Kocaeli Üniversitesi, January, 2020  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, January, 2020  
Doctoral Examination, Doctoral Examination, Sakarya Üniversitesi, November, 2019  
Doctorate, Doctorate, Kocaeli Üniversitesi, June, 2018  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi, June, 2018  
Doctorate, Doctorate, Gebze Teknik Üniversitesi, June, 2018  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gebze Teknik Üniversitesi, June, 2018  
Doctorate, Doctorate, Yıldız Teknik Üniversitesi, June, 2018  
Post Graduate, Post Graduate, Sakarya Üniversitesi, May, 2018  
Doctorate, Doctorate, Gebze Teknik Üniversitesi, February, 2018  
Doctorate, Doctorate, Kocaeli Üniversitesi, January, 2018  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, June, 2017  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, June, 2017  
Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2017  
Doctorate, Doctorate, Kocaeli Üniversitesi, February, 2017  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi, December, 2016  
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, November, 2016  
Doctoral Examination, Doctoral Examination, Yıldız Teknik Üniversitesi, November, 2015  
Doctorate, Doctorate, Kocaeli Üniversitesi, June, 2015  
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, June, 2015  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, June, 2015  
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, June, 2015  
Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2014  
Doctorate, Doctorate, Kocaeli Üniversitesi, June, 2013  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, June, 2013

Doctorate, Doctorate, Kocaeli Üniversitesi, June, 2011

Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2009

Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2008

## **Taught Courses And Trainings**

Akman G., Yıldız M., Şahin Y., Şahin A. E. , Karabıçak Ç., Ar-ge Elemanı, 2021 - 2021

Aladağ Z., Akman G., Stratejik Yönetim Uzmanlığı, 2008 - 2008

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

- I. **DETERMINING OPTIMAL PRODUCT MIX IN MULTIPLE CONSTRAINTS MANUFACTURING ENVIRONMENT VIA THEORY OF CONSTRAINTS AND GOAL PROGRAMMING: AN APPLICATION IN THE TEXTILE SECTOR**  
Akman G., Taphasanoğlu S.  
Industria Textila, no.5, pp.1-24, 2022 (Journal Indexed in SCI Expanded)
- II. **Developing a personalized recommendation system in a smart product service system based on unsupervised learning model**  
Chiu M., Huang J., Gupta S., AKMAN G.  
COMPUTERS IN INDUSTRY, vol.128, 2021 (Journal Indexed in SCI)
- III. **DEVELOPMENT OF A DATA-DRIVEN SMART PRODUCT SERVICE SYSTEM FRAMEWORK UTILIZING UNSURPRISED LEARNING MODEL**  
Kuo T., Chiu M., Huang J., Chang C., Gupta S., Akmad G.  
INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, vol.28, no.1, pp.130-147, 2021 (Journal Indexed in SCI)
- IV. **Bistatic sonobuoy deployment strategies for detecting stationary and mobile underwater targets**  
KARATAŞ M., Craparo E., AKMAN G.  
NAVAL RESEARCH LOGISTICS, vol.65, no.4, pp.331-346, 2018 (Journal Indexed in SCI)
- V. **Evaluating suppliers to include green supplier development programs via fuzzy c-means and VIKOR methods**  
AKMAN G.  
COMPUTERS & INDUSTRIAL ENGINEERING, vol.86, pp.69-82, 2015 (Journal Indexed in SCI)
- VI. **Fuzzy multi criteria decision making approach to innovative strategies based on Miles and Snow typology**  
AKMAN G., Ozcan B., HATİPOĞLU T.  
JOURNAL OF INTELLIGENT MANUFACTURING, vol.26, no.3, pp.609-628, 2015 (Journal Indexed in SCI)
- VII. **A TOOL FOR PRODUCT DEVELOPMENT PERFORMANCE MONITORING (PDPM) FOR ALIGNMENT WITH COMPETITIVE PRIORITIES**  
Kremer G. E. O. , AKMAN G.  
INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY & DECISION MAKING, vol.12, no.6, pp.1333-1360, 2013 (Journal Indexed in SCI)
- VIII. **Assessment of model validity of analytic network process using structural equations modelling: an application of supplier evaluation problem**  
Yulugkural Y., YÖRÜR B., AKMAN G., ALADAĞ Z.  
EUROPEAN JOURNAL OF INDUSTRIAL ENGINEERING, vol.7, no.1, pp.55-77, 2013 (Journal Indexed in SCI)
- IX. **Practicing theory of constraints thinking processes to develop distance education system**  
Tekin V. N. , Şenol L., Akman G.  
Energy Education Science And Technology Part B-Social And Educational Studies, no.3, pp.933-938, 2012 (Journal Indexed in SSCI)

- X. **Fuzzy adaptive resonance theory approach to supplier involvement in product development: a case study in Turkish automobile industry**  
Ozkan C., AKMAN G., Keskin G. A. , Otkur F. M.  
EUROPEAN JOURNAL OF INDUSTRIAL ENGINEERING, vol.5, no.1, pp.43-63, 2011 (Journal Indexed in SCI)
- XI. **Empirical study of public sector employee loyalty and satisfaction**  
TÜRKYILMAZ A., AKMAN G., ÖZKAN C., Pastuszak Z.  
INDUSTRIAL MANAGEMENT & DATA SYSTEMS, vol.111, pp.675-696, 2011 (Journal Indexed in SCI)
- XII. **EFFECTING FACTORS OF CUSTOMER SATISFACTION AT SUPPLY CHAIN CONTEXT: AN EMPIRICAL INVESTIGATION AT TURKISH MANUFACTURING INDUSTRY**  
Ozkan C., AKMAN G., Ozcan B.  
INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, vol.17, no.4, pp.287-299, 2010 (Journal Indexed in SCI)

### Articles Published in Other Journals

- I. **Yeni Ürün Geliştirme Sürecinde Bulanık AHP & Oreste Bütünleşik Yöntemi ile Tedarikçi Seçimi ve Savunma Sanayii'nde Bir Uygulama**  
Akman G., Pamuk Ç., Karabıçak Ç.  
Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, vol.8, no.2, pp.787-811, 2021 (National Refreed University Journal)
- II. **EXTENSION OF THE BALANCED SCORECARD STRUCTURE FOR BANKING INDUSTRY**  
Akman G., Turan H.  
Endüstri Mühendisliği, vol.32, no.1, pp.127-146, 2021 (Other Refereed National Journals)
- III. **Organizasyonel Kültür ve Globe Kültür Unsurları Arasındaki Etkileşimin Bulanık DEMATEL ile İncelenmesi**  
AKMAN G., ALKAN A., Canbay K.  
Bilecik Şeyh Edebali Üniversitesi Sosyal Bilimler Dergisi, vol.5, no.2, pp.288-308, 2020 (Other Refereed National Journals)
- IV. **ENERGY EFFICIENCY IN BUSINESS: SCALE DEVELOPMENT STUDY**  
Şenol L., Akman G., Üzüm B.  
INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE-IJEES, vol.9, no.4, pp.619-626, 2019 (Journal Indexed in ESCI)
- V. **İmalat İşletmelerinde Enerji Verimliliğinin Yapısal Eşitlik Modeli İle İncelenmesi**  
Şenol L., Akman G.  
Anemon Muş Alparslan Üniversitesi Sosyal Bilimler Dergisi, vol.7, no.2, pp.205-215, 2019 (National Refreed University Journal)
- VI. **Applicability of Total Quality Management Principles in the Context of Industry 4.0**  
Canbay K., Akman G., Aladağ Z.  
International Journal of Advanced Research in Engineering Management, vol.5, pp.12-28, 2019 (Refereed Journals of Other Institutions)
- VII. **Researching Usage of Globe Culture Dimensions In Organizational Management By Using Dematel Method**  
Alkan A., Canbay K., Akman G., Aladağ Z.  
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.23, no.2, pp.282-290, 2019 (National Refreed University Journal)
- VIII. **Çok Kriterli Karar Vermede AHP ve TOPSIS Yöntemleriyle Uçuş Noktası Seçimi**  
AKMAN G., ÖZCAN B., BAŞLI H., GÜNDÜZ E. B.  
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Fen Bilimleri Dergisi, vol.34, no.3, pp.45-57, 2018 (Other Refereed National Journals)
- IX. **Bir Temizlik Kâğıdı Firmasında Stok Kalemleri için Değer ve Değişkenlik Ölçütlerine Dayalı Tahmin**

## **Yöntemlerinin Belirlenmesi**

KARABIÇAK Ç., AVCI S., AKMAN G., ALADAĞ Z.

Journal of Current Researches on Engineering, Science and Technology, vol.4, no.1, pp.47-68, 2018 (Refereed Journals of Other Institutions)

- X. **AHP-TOPSIS Teknikleriyle Kuruluş Yeri Seçimi Probleminin Çözümü : Barışı Destekleme Harekatı Örneği**  
EMRE U., AKMAN G.  
Electronic Journal of Vocational Colleges, vol.8, pp.1-10, 2018 (Other Refereed National Journals)
- XI. **Applying Theory of Constraints-Thinking Processes in Logistics Industry: A Case Study**  
BOYACI A. İ. , AKMAN G.  
Atlas International Referred Journal on Social Sciences, vol.4, pp.513-528, 2018 (Refereed Journals of Other Institutions)
- XII. **Improving An Inefficient Production Line Via AHP and Value stream Mapping**  
SEDEFOĞLU G., AKMAN G.  
Journal of Naval Sciences and Engineering, vol.14, pp.1-22, 2018 (Refereed Journals of Other Institutions)
- XIII. **Determination of Demand Estimation Methods based on Values and Variability Measures for Stock Items in a Cleaning Paper Company**  
Karabıçak Ç., Avcı S., Akman G., Aladağ Z.  
Journal of Current Researches on Engineering, Science and Technology, vol.4, pp.47-68, 2018 (Other Refereed National Journals)
- XIV. **Türkiye’de Kısıtlar Teorisi ve Uygulamaları Konusunda Yapılan Çalışmalar: Literatür Taraması**  
AKMAN G., ÖZCAN B.  
Çukurova Üniversitesi Sosyal Bilimler Enstitüsü Dergisi, vol.26, no.2, pp.263-277, 2017 (Other Refereed National Journals)
- XV. **Using multi-criteria decision making for selection provinces for fattening farm**  
Özcan B., Akman G., Karabıçak Ç., Erdoğan Y.  
Pressacademia Procedia, vol.5, no.1, pp.130-138, 2017 (Refereed Journals of Other Institutions)
- XVI. **Analyzing Difficulties about Application of Bologna Process in Turkey via Goldratt’s Thinking Processes: A Case Study**  
Akman G., Şenol L.  
Journal Of European Education, vol.6, no.2, pp.100-121, 2017 (Refereed Journals of Other Institutions)
- XVII. **Developing Effective Manufacturing Strategies for Product Mix Decisions via Theory of Constraints A Case Study**  
AKMAN G., ÖZCAN B.  
Journal Of Naval Science and Engineering, vol.12, no.1, pp.1-18, 2016 (Other Refereed National Journals)
- XVIII. **Evaluation of Manufacturing Companies According to their Green Capabilities in the Context of Developing Countries**  
AKMAN G., YÖRÜR B.  
Evaluation of Manufacturing Companies According to their Green Capabilities in the Context of Developing Countries, vol.5, pp.1-13, 2016 (Refereed Journals of Other Institutions)
- XIX. **İzmit kent içi ulaşımda alternatif toplu taşıma sistemlerinin aksiyomlarla tasarım yöntemi ile değerlendirilmesi**  
AKMAN G., ALKAN A.  
Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, vol.22, pp.54-63, 2016 (Other Refereed National Journals)
- XX. **Belediye Çalışanlarının İş Tatmininde Etkili Olan Faktörlerin Demografik Değişkenlere Göre İncelenmesi Üzerine Bir Araştırma**  
AKMAN G., TEKİN V. N. , ŞENOL L.  
İstanbul Ticaret Üniversitesi Sosyal Bilimler Dergisi, vol.15, pp.245-263, 2016 (Other Refereed National Journals)
- XXI. **Evaluation of alternative public transportation systems in Izmit urban transportation via axiomatic design method**  
AKMAN G., ALKAN A.

- XXII. **Logistics Service Provider Selection through an Integrated Fuzzy Multicriteria Decision Making Approach**  
AKMAN G., BAYNAL K.  
Journal of industrial engineering, vol.2014, pp.1-16, 2014 (Refereed Journals of Other Institutions)
- XXIII. **EFFECTS OF FIRM ORIENTATIONS ON INNOVATIVE CAPABILITY IN TURKISH MANUFACTURING INDUSTRY**  
Akman G., Yörür B.  
International Journal of Information Technology and Business Management , vol.13, no.1, pp.101-117, 2013 (Refereed Journals of Other Institutions)
- XXIV. **Evaluating Green Performance of Suppliers via Analytic Network Process and TOPSIS**  
AKMAN G., PIŞKİN H.  
Journal of Industrial Engineering, vol.2013, 2013 (Refereed Journals of Other Institutions)
- XXV. **A Fuzzy Quality Function Deployment QFD Approach To Determine Customer Needs For Driving Mirror**  
AKMAN G., ÖZCAN B.  
İTUCU, pp.1-21, 2011 (Other Refereed National Journals)
- XXVI. **Strateji Odaklılık ve Firma Stratejilerinin Firma Performansına Etkileri**  
AKMAN G., ÖZKAN C., ESEN H.  
İstanbul Ticaret Üniversitesi Fen Bilimleri Dergisi, vol.7, pp.93-115, 2008 (Other Refereed National Journals)
- XXVII. **Strateji odaklılık ve firma stratejilerinin firma performansına etkisinin analizi**  
AKMAN G., ÖZKAN C., ESEN H.  
İstanbul Ticaret Üniversitesi Fen Bilimleri Dergisi, vol.7, pp.93-116, 2008 (Other Refereed National Journals)
- XXVIII. **Innovative capability, innovation strategy and market orientation: An empirical analysis in Turkish software industry**  
Akman G., Yılmaz C.  
International Journal of Innovation Management, vol.12, no.1, pp.69-111, 2008 (Refereed Journals of Other Institutions)
- XXIX. **Tedarik Zinciri Yönetiminde Bulanık AHP Yöntemi Kullanılarak Tedariklerin Performansının Ölçülmesi Otomotiv Yan Sanayinde Bir Uygulama**  
AKMAN G., ALKAN A.  
İstanbul Ticaret Üniversitesi Fen Bilimleri Dergisi, vol.5, pp.23-46, 2006 (Other Refereed National Journals)
- XXX. **Yazılım Geliştirme Prosesinde Kısıtlar Teorisinin Düşünce Süreçlerinin Kullanılması**  
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- Düz E., Karademir A., Akman G., Aksu B., Other Supported Projects, Green Kocaeli Projesi, 2012 - 2012
- AKMAN G., Project Supported by Higher Education Institutions, Türk İmalat sektöründe firmaların yenilik yeteneklerinin ölçülmesine yönelik bir model önerisi: çokuluslu ve yerel şirketlerin karşılaştırılması(Bahadır YÖRÜR Tez Projesi), 2010 - 2012
- Kremer G., Akman G., Chiu M. C. , Universities of Other Countries Supported Project, Collaborative Research Cost and Sustainability Trade off Analysis for Product Design Manufacturing Supply Chain Management Dependencies, 2010 - 2011
- Mert Z. G. , Akman G., Project Supported by Higher Education Institutions, Eko-Endüstriyel Bölgeler Geliştirme Projesi, 2009 - 2011
- Demir A., Öztürk İ. T. , Akman G., Mert Z. G. , Chamber / Union / Professional Association, Kocaeli Endüstriyel Dönüşüm, 2008 - 2009

## Memberships / Tasks in Scientific Organizations

- MMO-Endüstri Mühendisliği Meslek Dalı Komisyonu, Vice President, 2020 - Continues, Turkey
- MMO-AR-GE VE TEKNOLOJİ KOMİSYONU, Member, 2020 - Continues, Turkey
- MMO Kocaeli Şubesi, Member of Advisory Board, 2014 - Continues, Turkey
- MMO Kocaeli Şubesi, Board Member, 2000 - 2002, Turkey

## Scientific Refereeing

- CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, SCI Journal, May 2022
- EUROPEAN JOURNAL OF INNOVATION MANAGEMENT, SCI Journal, May 2022
- IEEE TRANSACTIONS ON ENGINEERING MANAGEMENT, SCI Journal, May 2022

kocaeli Üniversitesi Fen Bilimleri Dergisi (Scrum Çerçevesi Uygulayan Takımlarda Üretim, Hedef ve Performans İlişisine Bağlı Olarak Takımların Sınıflandırılması), Other Journals, April 2022

EUROPEAN JOURNAL OF INNOVATION MANAGEMENT, SCI Journal, April 2022

EUROPEAN JOURNAL OF INNOVATION MANAGEMENT, SCI Journal, April 2022

JOURNAL OF CLEANER PRODUCTION, SCI Journal, March 2022

SAGE OPEN, SCI Journal, March 2022

Project Supported by Higher Education Institutions, BAP MSc, Halic University, Turkey, March 2022

EUROPEAN JOURNAL OF INNOVATION MANAGEMENT, SCI Journal, February 2022

INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, SCI Journal, January 2022

Niğde Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, Other Journals, January 2022

Int. J. of Electronic Marketing and Retailing, Other Indexed Journal, January 2022

Int. J. of Electronic Marketing and Retailing, Other Indexed Journal, December 2021

EUROPEAN JOURNAL OF INNOVATION MANAGEMENT, SCI Journal, December 2021

JOURNAL OF CLEANER PRODUCTION, SCI Journal, December 2021

kocaeli journal of Science and Engineering, Other Journals, November 2021

CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, Journal Indexed in SCI-E, October 2021

EUROPEAN JOURNAL OF INNOVATION MANAGEMENT, SCI Journal, October 2021

IEEE TRANSACTIONS ON ENGINEERING MANAGEMENT, SCI Journal, September 2021

Kırklareli Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi, Other Journals, September 2021

SAGE OPEN, SCI Journal, August 2021

EUROPEAN JOURNAL OF INNOVATION MANAGEMENT, Journal Indexed in SSCI, August 2021

Business & Management Studies: An International Journal, Other Indexed Journal, July 2021

JOURNAL OF CLEANER PRODUCTION, SCI Journal, July 2021

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, SCI Journal, July 2021

SUPPLY CHAIN MANAGEMENT-AN INTERNATIONAL JOURNAL, SCI Journal, June 2021

Int. J. of Electronic Marketing and Retailing, Other Indexed Journal, May 2021

International Journal of Procurement Management, Other Indexed Journal, April 2021

Int. J. of Intellectual Property Management, Other Indexed Journal, April 2021

Computers & Industrial Engineering, SCI Journal, April 2021

EUROPEAN JOURNAL OF INNOVATION MANAGEMENT, Journal Indexed in SCI-E, April 2021

JOURNAL OF CLEANER PRODUCTION, SCI Journal, March 2021

EUROPEAN JOURNAL OF INNOVATION MANAGEMENT, SCI Journal, February 2021

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, SCI Journal, January 2021

COMPUTERS & INDUSTRIAL ENGINEERING, SCI Journal, January 2021

Ekonomik ve Sosyal Araştırmalar Dergisi, Other Journals, December 2020

EUROPEAN JOURNAL OF INNOVATION MANAGEMENT, Journal Indexed in SSCI, December 2020

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, SCI Journal, November 2020

IBAD Sosyal Bilimler Dergisi, Other Journals, October 2020

Journal of defense Analytics and Logistics, Other Indexed Journal, October 2020

DÜZCE ÜNİVERSİTESİ BİLİM VE TEKNOLOJİ DERGİSİ, National Scientific Refreed Journal, September 2020

TEKSTİL VE KONFEKSİYON, SCI Journal, September 2020

JOURNAL OF CLEANER PRODUCTION, SCI Journal, August 2020

Ekonomik ve Sosyal Araştırmalar Dergisi , Other Journals, August 2020

JOURNAL OF CLEANER PRODUCTION, SCI Journal, July 2020

Kocaeli Üniversitesi Fen Bilimleri Dergisi, Other Journals, July 2020

EUROPEAN JOURNAL OF INDUSTRIAL ENGINEERING, SCI Journal, July 2020

International Journal of Logistics systems and Management, Other Indexed Journal, May 2020

EUROPEAN JOURNAL OF INDUSTRIAL ENGINEERING, SCI Journal, April 2020

BİLİŞİM TEKNOLOJİLERİ DERGİSİ, National Scientific Refreed Journal, April 2020

Researcher Social Science Studies, Other Journals, March 2020

EUROPEAN JOURNAL OF INDUSTRIAL ENGINEERING, SCI Journal, March 2020  
Tekstil Ve Konfeksiyon, SCI Journal, March 2020  
COMPUTERS & INDUSTRIAL ENGINEERING, SCI Journal, February 2020  
COMPUTERS & INDUSTRIAL ENGINEERING, SCI Journal, February 2020  
JOURNAL OF INTELLIGENT MANUFACTURING, SCI Journal, January 2020  
Journal of Decision Systems, Journal Indexed in ESCI, December 2019  
SUPPLY CHAIN MANAGEMENT-AN INTERNATIONAL JOURNAL, SCI Journal, September 2019  
COMPUTERS & INDUSTRIAL ENGINEERING, SCI Journal, August 2019  
COMPUTERS & INDUSTRIAL ENGINEERING, SCI Journal, May 2019  
SUPPLY CHAIN MANAGEMENT-AN INTERNATIONAL JOURNAL, SCI Journal, April 2019  
INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY & DECISION MAKING, SCI Journal, November 2018  
COMPUTERS & INDUSTRIAL ENGINEERING, SCI Journal, June 2018  
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, SCI Journal, April 2018  
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, SCI Journal, December 2017  
INDUSTRIAL MANAGEMENT & DATA SYSTEMS, SCI Journal, June 2017  
IEEE TRANSACTIONS ON ENGINEERING MANAGEMENT, SCI Journal, March 2017  
INDUSTRIAL MANAGEMENT & DATA SYSTEMS, Journal Indexed in SSCI, March 2017  
SUPPLY CHAIN MANAGEMENT-AN INTERNATIONAL JOURNAL, SCI Journal, February 2017  
JOURNAL OF CLEANER PRODUCTION, SCI Journal, November 2016  
JOURNAL OF CLEANER PRODUCTION, SCI Journal, November 2016  
JOURNAL OF CLEANER PRODUCTION, SCI Journal, September 2016  
SUPPLY CHAIN MANAGEMENT-AN INTERNATIONAL JOURNAL, SCI Journal, August 2016  
European Journal of Operation Research, SCI Journal, June 2016  
JOURNAL OF CLEANER PRODUCTION, SCI Journal, May 2016  
Project Supported by Higher Education Institutions, BAP PhD, Hitit University, Turkey, May 2016  
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, SCI Journal, March 2016  
SUPPLY CHAIN MANAGEMENT-AN INTERNATIONAL JOURNAL, SCI Journal, January 2016  
INDUSTRIAL MANAGEMENT & DATA SYSTEMS, Journal Indexed in SSCI, December 2015  
Supply Chain Management-An International Journal, SCI Journal, October 2015  
Project Supported by Higher Education Institutions, BAP Research Project, Gebze Technical University, Turkey, May 2015  
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, SCI Journal, April 2015  
SUPPLY CHAIN MANAGEMENT-AN INTERNATIONAL JOURNAL, SCI Journal, April 2015  
INDUSTRIAL MANAGEMENT & DATA SYSTEMS, Journal Indexed in SSCI, March 2015  
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, SCI Journal, December 2014  
INDUSTRIAL MANAGEMENT & DATA SYSTEMS, Journal Indexed in SSCI, October 2014  
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, SCI Journal, August 2014  
Supply Chain Management-An International Journal, SCI Journal, July 2014  
Supply Chain Management-An International Journal, SCI Journal, January 2014  
SUPPLY CHAIN MANAGEMENT-AN INTERNATIONAL JOURNAL, SCI Journal, July 2013  
JOURNAL OF CLEANER PRODUCTION, SCI Journal, May 2013  
SUPPLY CHAIN MANAGEMENT-AN INTERNATIONAL JOURNAL, SCI Journal, November 2012  
SUPPLY CHAIN MANAGEMENT-AN INTERNATIONAL JOURNAL, SCI Journal, May 2012  
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, SCI Journal, April 2012  
SUPPLY CHAIN MANAGEMENT-AN INTERNATIONAL JOURNAL, SCI Journal, December 2011  
INDUSTRIAL MANAGEMENT SYSTEMS, Journal Indexed in SSCI, June 2011  
SUPPLY CHAIN MANAGEMENT-AN INTERNATIONAL JOURNAL, SCI Journal, May 2011  
SUPPLY CHAIN MANAGEMENT-AN INTERNATIONAL JOURNAL, SCI Journal, May 2011  
SUPPLY CHAIN MANAGEMENT-AN INTERNATIONAL JOURNAL, SCI Journal, January 2010

## Scientific Consultations

Kalasalıngam Academy of Research and Education , Project Consultancy, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliđi, Turkey, 2021 - Continues

KOSGEB, Scientific Consultancy, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliđi, Turkey, 2013 - 2014

## Tasks In Event Organizations

Akman G., 2022 IEEE International Conference on Technology Management, Operations and Decisions (IEEE ICTMOD 2022) , Scientific Congress, Marrakush, Morocco, Kasım 2022

Akman G., 8th Annual International Conference on Network and Information Systems for Computers [ICNISC 2022], Scientific Congress, Hangzhou, China, Eylül 2022

Akman G., 4rd Communication, Economics and Organization Congress, Scientific Congress, Kyrgyzstan, Mayıs 2022

Akman G., Gelenbe E., iSCSi – International Conference on Industry Science and Computer Sciences Innovation - 2022 Edition, Scientific Congress, Portugal, Mart 2022

Akman G., 3rd Communication, Economics and Organization Congress, Scientific Congress, Dnipropetrovsk, Ukraine, Aralık 2021

Akman G., 2021 IEEE International Conference on Technology Management, Operations and Decisions (ICTMOD), Scientific Congress, Morocco, Kasım 2021

Akman G., 8th Annual International Conference on Information Technology and Applications [ITA2021], Scientific Congress, China, Eylül 2021

Akman G., ISENSA 2021, Scientific Congress, Kocaeli, Turkey, Mayıs 2021

Akman G., International Conference on Economic Science and Management Reform [ESMR2021], Scientific Congress, Changsha, China, Ocak 2021

Akman G., sustainability Management and Technology- Intensive Program, Science / Art Camp or Summer School Organization, Lille, France, Haziran 2012

Akman G., MMO Endüstri-İşletme Mühendisliđi Kurultayı, Scientific Congress, Sakarya, Turkey, Kasım 2009

Akman G., 26. Yöneylem Araştırması ve Endüstri Mühendisliđi Kongresi, Scientific Congress, Kocaeli, Turkey, Temmuz 2006

## Scientific Research / Working Group Memberships

Adaps Group, Pennsylvania State University University College Park Campus, Amerika Birleşik Devletleri, <https://www.facebook.com/groups/113373055372231/>, 2009 - 2016

## Mobility Activity

Erasmus Programme, Lecturing, Universitat de Pitesti, Romania, 2022 - 2022

Bilateral Colloboration Agreement, Workshop, Universite D Artois, France, 2015 - 2015

Erasmus Programme, Lecturing, Fachhochschule Deggendorf, Germany, 2014 - 2014

Bilateral Colloboration Agreement, Workshop, Universite D Artois, France, 2013 - 2013

AB Social Responsibility Project, Get Education, Sofya Teknik Üniversitesi, Bulgaria, 2013 - 2013

Erasmus Programme, Lecturing, University of Bacau, Romania, 2013 - 2013

Learning Mobility Of Individuals In Youth Field, Lecturing, Universite D Artois, France, 2012 - 2012

Bilateral Colloboration Agreement, Workshop, Universite D Artois, France, 2011 - 2011

Post Doc, Post Doc, Pennsylvania State University, United States Of America, 2010 - 2010

## **Edit Congress and Symposium Activities**

International CEO (Communication, Economics, Organization) Social Sciences Congress, Session Moderator, Udaipur, India, 2022

YARATICI PROBLEM ÇÖZME TEORİSİ TRİZ EĞİTİMİ , Audience, Kocaeli, Turkey, 2022

7th INTERNATIONAL ZEUGMA CONFERENCE ON SCIENTIFIC RESEARCH, Session Moderator, Gaziantep, Turkey, 2022

International CEO (Communication, Economics, Organization) Social Sciences Congress, Session Moderator, Kyiv, Ukraine, 2021

INTERNATIONAL ASIAN CONGRESS ON CONTEMPORARY SCIENCES-V, Session Moderator, Nakhchivan, Azerbaijan, 2021

International CEO Social Sciences Congress, Attendee, Gorazhde, Bosnia And Herzegovina, 2020

ICINSE, Panelists, Kyiv, Ukraine, 2018

BAYS Bilimsel Arařtırmalar Yaz Seminerleri, Audience, Trabzon, Turkey, 2015

CIE'44 International Conference on Computers&Industrial Engineering, Session Moderator, İstanbul, Turkey, 2014

44th International Conference on Computers and Industrial Engineering & 9th International Symposium on Intelligent Manufacturing and Service Systems, Panelists, İstanbul, Turkey, 2014

## **Citations**

Total Citations (WOS):190

h-index (WOS):5

## **Scholarships**

Üniversite eğitim bursu , University, 1991 - 1993

## **Awards**

Akman G., TUBITAK Yayın Teşvik Ödülü 2021, Tubitak, December 2021

Akman G., Başarı Belgesi, Kocaeli .Universitesi Rektörlüğü, March 2019

Akman G., Meslekte 25.yıl, Makina Mühendisleri Odası, December 2018

Akman G., Özkan C., Outstanding Paper Award Winner at the Literati Network Awards for Excellence 2012, Emerald Literati Network, February 2012

Akman G., Tübitak Akademik Yayın Teşvik Ödülü, Tubitak, September 2011

Akman G., TUBITAK Yayın Teşvik Ödülü, Tubitak, August 2011

Akman G., Başarı Belgesi, Kocaeli Üniversitesi, February 2005

## **Representation and Promotion Activities**

Institutional Representation, University of Artois, France, Arras, 2012 - 2012