

Asst. Prof. CANAN AĞLAN GÖKLER

Personal Information

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Biography

Canan Aglan is a Research Assistant of Industrial Engineering at Marmara University. She obtained her Ph.D. in industrial engineering from Istanbul Technical University. Her research interests include hybrid manufacturing systems, hybrid production control systems, Lot splitting, in-plant logistics operations, lean new product development, lean construction techniques, leanness assessment and mathematical modeling.

Education Information

Doctorate, İstanbul Teknik Üniversitesi, İşletme Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 2009 - 2015

Postgraduate, İstanbul Teknik Üniversitesi, İşletme Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 2007 - 2009

Undergraduate, Bahçeşehir Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 2003 - 2007

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Melez üretim sisteminde CONWIP kontrolü ve parti bölmesinin birlikte modellenmesi, İstanbul Teknik Üniversitesi, İşletme Fakültesi, Endüstri Mühendisliği Bölümü, 2014

Postgraduate, Melez üretim kontrol stratejileri, İstanbul Teknik Üniversitesi, İşletme Fakültesi, Endüstri Mühendisliği Bölümü, 2009

Research Areas

Engineering and Technology

Academic Titles / Tasks

Research Assistant, Marmara University, Faculty of Engineering, Industrial Engineering, 2013 - Continues

Research Assistant, Marmara University, Faculty of Engineering, Industrial Engineering, 2012 - 2016

Research Assistant, Özyeğin Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2012 - 2013

Research Assistant, Beykent Üniversitesi, Mühendislik-Mimarlık Fakültesi, Endüstri Mühendisliği Bölümü, 2010 - 2011

Courses

Operations Research, Undergraduate, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018
Selected Topics in Industrial Engineering, Undergraduate, 2016 - 2017, 2017 - 2018

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

- I. **A leanness assessment methodology based on neutrosophic DEMATEL**
KILIÇ H. S. , Yurdaer P., AĞLAN GÖKLER C.
JOURNAL OF MANUFACTURING SYSTEMS, vol.59, pp.320-344, 2021 (Journal Indexed in SCI)
- II. **A COMPLETE DESIGN METHODOLOGY FOR LEAN IN-PLANT LOGISTICS TO ASSEMBLY LINE USING AD PRINCIPLES**
Aglan C., Durmuşoğlu M. B.
INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, vol.26, no.5, pp.766-796, 2019 (Journal Indexed in SCI)
- III. **Modified self-adaptive local search algorithm for a biobjective permutation flow shop scheduling problem**
ALABAŞ USLU Ç., Dengiz B., Aglan C., SABUNCUOĞLU İ.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.27, no.4, pp.2730-2745, 2019 (Journal Indexed in SCI)
- IV. **Lot-splitting approach of a hybrid manufacturing system under CONWIP production control: a mathematical model**
AĞLAN GÖKLER C., Durmuşoğlu M. B.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.53, no.5, pp.1561-1583, 2015 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **A Multi-Objective Supplier Selection and Order Allocation Model for Green Supply Chains**
TUZKAYA G., KILIÇ H. S. , AĞLAN C.
Journal of Military and Information Science, 2016 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **CONWIP and Hybrid CONWIP Production Control Systems: A Literature Review**
DURMUŞOĞLU M. B. , AĞLAN C.
in: Production Management: Advanced Tools, Models, and Applications for Pull Systems, Khojasteh, Yacob, Editor, CRC Press, pp.123-142, 2017
- II. **Lean Thinking via Business Intelligence Technologies and Innovation Process**
Fırat S. Ü. , Ağlan C., Şimşit Z. T. , Ülkü İ., Bayram G., Erdem M.
in: Handbook of Research on Driving Competitive Advantage through Sustainable Lean and Disruptive Innovation, Latif Al-Hakim, Xiaobo Wu, Andy Koronios, Yongyi Shou, Editor, IGI Global, Arizona, pp.59-85, 2016
- III. **çekme üretim kontrol sistemleri**
AĞLAN C., DURMUŞOĞLU M. B.
in: Uygulamalı üretim yönetimi el kitabı, Mehmet Bülent Durmuşoğlu, Osman Kulak, Editor, TÜSSİDE, pp.239-261, 2014

Refereed Congress / Symposium Publications in Proceedings

- I. **Integration of Industry 4.0 and Lean Principles**

İZER M. U. , AĞLAN C.

International Symposium for Production Research 2017, 13 - 15 September 2017

II. **Balancing Production and Shipping in Implosive Industries**

AĞLAN C., DURMUŞOĞLU M. B. , İZER M. U.

International Symposium for production research, 13 - 15 September 2017

III. **Usage of Unit Load Automated Storage Retrieval System for Stock Area Design with System Analysis in Firm Making Job Order Production**

İZER M. U. , Şahin N. P. , AĞLAN C.

ÜAS 2016, 12 - 14 October 2016

IV. **A Supplier Selection and Order Allocation Methodology for Green Supply Chains**

TUZKAYA G., KILIÇ H. S. , AĞLAN C.

ICOVACS 2015, 12 - 13 March 2015

V. **Bir Yükseköğretim Kurumunda Değer Akış Haritalandırma Yöntemi ile Sürdürülebilir Süreç Tasarımı Üretim Araştırmaları Sempozyumu Sakarya Türkiye**

İzer M. U. , Ağlan C. , Erol Bingüler A. H. , Fırat S. Ü.

Üretim Araştırmaları Sempozyumu, Sakarya, Turkey, 25 - 27 September 2013

VI. **Comparison of Energy Storage Alternatives Using Fuzzy TOSIS Method**

Ak R., Ağlan C.

World Congress on Engineering (WCE 2011), London, Canada, 6 - 08 July 2011, pp.1170-1173

Scientific Refereeing

COMPUTERS & INDUSTRIAL ENGINEERING, SCI Journal, January 2020

INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, SCI Journal, November 2019

INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, SCI Journal, April 2019

INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, SCI Journal, March 2019

INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, SCI Journal, January 2019

INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, SCI Journal, July 2017

INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, SCI Journal, June 2017

INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, SCI Journal, May 2017

INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, SCI Journal, April 2017

INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, SCI Journal, September 2016

COMPUTERS & INDUSTRIAL ENGINEERING, SCI Journal, June 2016

Mobility Activity

Post Doc, Post Doc, Melbourne University, Australia, 2019 - 2020

Citations

Total Citations (WOS):5

h-index (WOS):1