

## Res. Asst. METİN İFRAZ

### Personal Information

**Office Phone:** [+90 0312 582 3846](tel:+9003125823846) Extension: 3846

**Email:** metinifraz@gazi.edu.tr

**Web:** <https://avesis.gazi.edu.tr/metinifraz>

**Address:** Gazi Üniversitesi Mühendislik Fakültesi Endüstri Mühendisliği Bölümü Eti Mah. Yükseliş Sok. No:5 Çankaya / Ankara

### International Researcher IDs

ScholarID: kfxU0IIAAAAJ

ORCID: 0000-0001-7161-223X

Publons / Web Of Science ResearcherID: JOK-0556-2023

ScopusID: 57869428000

Yoksis Researcher ID: 316105

### Education Information

Doctorate, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği, Turkey 2021 - Continues

Postgraduate, Kirikkale University, Faculty Of Engineering, Department Of Industrial Engineering, Turkey 2019 - 2021

Undergraduate, Kirikkale University, Faculty Of Engineering, Department Of Industrial Engineering, Turkey 2012 - 2016

### Research Areas

Artificial Intelligence, Computer Learning and Pattern Recognition, Optimization Theory and Methods, Decision Support Systems

### Academic Titles / Tasks

Research Assistant, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2020 - Continues

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

- I. **Sequential predictive maintenance and spare parts management with data mining methods: a case study in bus fleet**  
İFRAZ M., Ersöz S., Aktepe A., ÇETİNYOKUŞ T.  
Journal of Supercomputing, vol.80, no.15, pp.22099-22123, 2024 (SCI-Expanded)
- II. **Demand forecasting of spare parts with regression and machine learning methods: application in a bus fleet**  
İfraz M., Aktepe A., Ersöz S., Çetinyokuş T.  
JOURNAL OF ENGINEERING RESEARCH, vol.11, no.2, pp.1-10, 2023 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Determination of sample size and design of final product control plan based on product types**

## Refereed Congress / Symposium Publications in Proceedings

- I. **Linguistic Recommendation Generation in Digital Transformation**  
İfraz M., Çetinyokuş T.  
43rd Operations Research and Industrial Engineering Congress , Trabzon, Turkey, 2 - 04 October 2024
- II. **Pre-Processing of Data Using Data Mining Technique for the Application of a Recommendation System for a Bank**  
Kesat H., Çetinyokuş T., İfraz M.  
4th International Graduate Studies Congress, 5 - 08 June 2024, pp.945-946
- III. **Latest Trends in Data to Text Generation: Key Issues, Applications and Methods**  
İfraz M., Çetinyokuş T.  
42nd Operations Research and Industrial Engineering Congress, Gaziantep, Turkey, 1 - 03 November 2023, pp.188
- IV. **Selection of an Air Defense System for the Republic of Turkey Using Multi Criteria Decision Making Methods**  
Özcan S., Türker A. K., Ersöz S., İfraz M., Tebrizcik S.  
2th International Materials Engineering and Advanced Manufacturing Technologies Congress (IMEAMTC'23), İstanbul, Turkey, 12 - 13 January 2023, pp.31-38
- V. **Routing Multiple UAVs with Simulated Annealing: a Multi Objective Approach**  
İfraz M., Yıldız A. S., Özcan S., Daş G. S., Ersöz S.  
3rd International Defense Industry Symposium, Kırıkkale, Turkey, 7 - 09 October 2021, vol.1, no.1, pp.21
- VI. **An Application of Spare Parts Demand Forecasting with Machine Learning Techniques in a Bus Fleet**  
İfraz M., Ersöz S., Çetinyokuş T., Aktepe A.  
IMSS21: 11TH INTERNATIONAL SYMPOSIUM ON INTELLIGENT MANUFACTURING AND SERVICE SYSTEMS, Sakarya, Turkey, 27 - 29 May 2021, pp.116-129

## Supported Projects

Ersöz S., Türker A. K., Barışçı N., Çetinyokuş T., Aktepe A., TUBITAK Project, MAG-221M438: "Determination of Predictive Maintenance Periods with Deep Learning and Configuration Based Inventory Management and an Application in Ankara Metropolitan Municipality Ego Enterprise", 2021 - 2023

## Metrics

Publication: 9

Citation (WoS): 9

Citation (Scopus): 16

H-Index (WoS): 1

H-Index (Scopus): 1

## Scholarships

2211-A General Domestic Doctoral Scholarship, TUBITAK, 2023 - Continues

2250 - Performance-Based Scholarships Programme for PhD and Post-Doc Scholars, TUBITAK, 2023 - 2024

TÜBİTAK ARDEB 1001 SCHOLARSHIP, TUBITAK, 2022 - 2023

2250 - Performance-Based Scholarships Programme for PhD and Post-Doc Scholars, TUBITAK, 2022 - 2023

2210 - MSc Scholarship Program, TUBITAK, 2020 - 2021

## **Awards**

İfraz M., Yanık E., Çetin Ö., 13th Interuniversity Logistics Case Competition, Lojistik Derneği (Loder), October 2016

İfraz M., Yanık E., Industrial Engineering Department Graduation Project First Place, Kırıkkale Üniversitesi Endüstri Mühendisliği Bölümü, June 2016

İfraz M., Graduate ranking first in class, Kırıkkale Üniversitesi , June 2016

## **Non Academic Experience**

Company, SANKO Holding Textile Enterprises Inc., Production Department