

Asst. Prof. SAKİNE BATUN

Personal Information

Email: sakine@metu.edu.tr

Education Information

Doctorate, University of Pittsburgh, Graduate Faculty of the Swanson School of Engineering, Department of Industrial Engineering, United States Of America 2006 - 2011

Post Graduate, Middle East Technical University, Faculty Of Engineering, Department Of Industrial Engineering, Turkey 2004 - 2006

Under Graduate, Middle East Technical University, Faculty Of Engineering, Department Of Industrial Engineering, Turkey 2000 - 2004

Dissertations

Doctorate, Scheduling Multiple Operating Rooms under Uncertainty, University of Pittsburgh, 2011

Post Graduate, Machine scheduling with preventive maintenances, Middle East Technical University, Faculty Of Engineering, Department Of Industrial Engineering, 2006

Research Areas

Industrial Engineering

Academic Titles / Tasks

Assistant Professor, Middle East Technical University, Faculty Of Engineering, Department Of Industrial Engineering, 2018 - Continues

Assistant Professor, Middle East Technical University, Faculty Of Engineering, Department Of Industrial Engineering, 2012 - 2018

Research Assistant, Middle East Technical University, Faculty Of Engineering, Department Of Industrial Engineering, 2004 - 2006

Advising Theses

Çelik M., Batun S., Value of Modeling Uncertainty in Multi-Objective Programming, Post Graduate, E.YİĞİT(Student), 2019

BATUN S., Closed-loop supply chain network design under demand, return and quality uncertainty, Post Graduate, K.BİÇE(Student), 2017

BATUN S., Nurse scheduling and rescheduling problem under uncertainty, Post Graduate, E.KARPUZ(Student), 2015

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

● **Optimal Liver Acceptance for Risk-Sensitive Patients**

BATUN S., Schaefer A. J. , Bhandari A., Roberts M. S.

SERVICE SCIENCE, vol.10, pp.320-333, 2018 (Journal Indexed in SSCI)

● **Reassessing tradeoffs inherent to simultaneous maintenance and production planning**

Batun S., Maillart L. M.

● Production and Operations Management, vol.21, pp.396-403, 2012 (Journal Indexed in SCI)

● **Operating room pooling and parallel surgery processing under uncertainty**

Batun S., Denton B. T. , Huschka T. R. , Schaefer A. J.

● INFORMS Journal on Computing, vol.23, pp.220-237, 2011 (Journal Indexed in SCI)

● **Single machine scheduling with preventive maintenances**

Batun S., Azizolu M.

INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.47, pp.1753-1771, 2009 (Journal Indexed in SCI)

Supported Projects

BATUN S., BİLGİÇ U. T. , Project Supported by Higher Education Institutions, Çok Dönemli Randevu Çizelgeleme Problemi İçin Rassel Programlama Yaklaşımları, 2016 - 2017

Citations

Total Citations (WOS):130

h-index (WOS):3