

Project Advisor	Topics of Interest
Prof. Dr. B. Gültekin ÇETİNER	Self-financing the Housing Projects Through Blockchain Systems Mass Customization vs Mass Production for Wide Acceptance of 3D Printers Design of Decentralized Finance Systems Through Blockchain Supply-chain Systems on Blockchain Digital Asset Tracking Systems Using Blockchain Systems Decentralized Money Creation Systems Integration of Cryptocurrencies in Real Economy Applications Blockchain and ERP System Integration Blockchain in Transportations Systems Blockchain in Energy Sector Integration of Blockchain in Social Media Applications Business Models for 3D Printing Entrepreneurship TRIZ for Engineering
Prof. Dr. Seniye Ümit OKTAY FIRAT	Sustainability Carbon Emission Mitigation Studies Data Mining Applications (clustering, classification, association analysis, fraud detection, segmentations) SCM Risks Supplier Evaluation Survey Studies (measuring awareness on several areas and analysis) Digital Transformation and Industry 4.0 Revolution Multivariate Statistical Analysis Applications Big Data Analytics and AI Algorithms
Prof. Dr. Ercan ÖZTEMEL	Process and Quality Management Quality Management Performance management and Self-Assessment Implementation of Artificial Intelligence in Manufacturing and Management Industry 4.0 and Respective Applications Machine learning Management information systems Manufacturing execution systems
Prof. Dr. Çiğdem ALABAŞ USLU	Mathematical Programming of Optimization Problems Application of Operational Research Tools to Production/Distribution Problems Heuristic and Meta-heuristic Methods for Combinatorial Problems (such as scheduling, sequencing, routing, capacitated assignment) Simulation Modeling and Simulation Optimization of Complex Systems
Prof. Dr. Bahar SENNAROĞLU	Multiple Criteria Decision Making Application of Forecasting Techniques Design and Analysis of Experiments Statistical Data Analysis
Prof. Dr. Serol BULKAN	Application of Operational Research Techniques to Production/Distribution Problems Heuristic and Meta-heuristic Methods for Industrial Engineering Problems Scheduling Problems Network Problems Project Scheduling Production Planning and Control
Prof. Dr. Gülfem TUZKAYA	Operations Research Applications Supply Chain Management
Doç. Dr. Hüseyin S. KILIÇ	Lean Manufacturing Ergonomics Multi Criteria Decision Analysis Supply Chain Management
Doç. Dr. Özlem ŞENVAR	Advanced Quality Engineering Statistical Data Analysis Production and Operations Management Supply Chain Management Customer Relationship Management Artificial Intelligence Data Mining
Dr. Öğr. Üyesi Cem Çağrı DÖNMEZ	Project Management Financial Management Financial Prediction
Dr. Öğr. Üyesi M. Övül ARIOĞLU AKAN	Sustainable Supply Change Management Sustainable Supplier Selection and Evaluation Green Supplier Selection and Evaluation
Dr. Öğr. Üyesi Merve ER KARA	Multi-criteria Decision Making Models Modeling and Simulation Logistics and Supply Chain Management Risk Management Performance Management Process Management Ant Colony Optimization Supplier Selection & Evaluation
Dr. Öğr. Üyesi Hatice TEKİNER MOĞULKOÇ	Operations Research Applications in Different Fields (such as electricity networks, transportation networks, airline planning) System Reliability Optimization Multiple Objective Optimization
Dr. A. Ayçim ATALAY SELAM	Data Mining Artificial Neural Networks Smart Cities Heuristics Project Management Survey Studies
Dr. Semih ÖZEL	Multi Criteria Decision Methods Artificial Neural Networks Processes Management Enterprise Competency Assessment, Industry 4.0 and IoT Applications Renewable Energy
Dr. Banu Çalış USLU	Multi Agent Systems
Dr. Canan AĞLAN	Lean Construction Lean Manufacturing Systems Modeling
Dr. Zeynep Tuğçe ŞİMŞİT KALENDER	Operations Management Decision Analysis Multi Criteria Decision Making Quality Management Risk Management Fuzzy Logic