

NEW FACULTY

College of Engineering

A black and white portrait of Güzin Bayraksan, a woman with long dark hair, smiling warmly at the camera. She is wearing a light-colored collared shirt.

Güzin Bayraksan

Assistant Professor
Systems and Industrial Engineering
Ph.D., The University of Texas,
Austin, 2005

Many problems in business, engineering and science involve uncertainties due to an inability to forecast the future or perform accurate measurements. Dr. Bayraksan mathematically models and solves systems under these uncertainties in an effort to make the best possible decisions. Her research focuses on designing solution methodologies for such problems by generating numerous scenarios for uncertain conditions. She is also interested in applying these solution methodologies to real-world problems arising in transportation, revenue management and supply chain management.

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