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ENGINEERING FACULTY

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VISITING

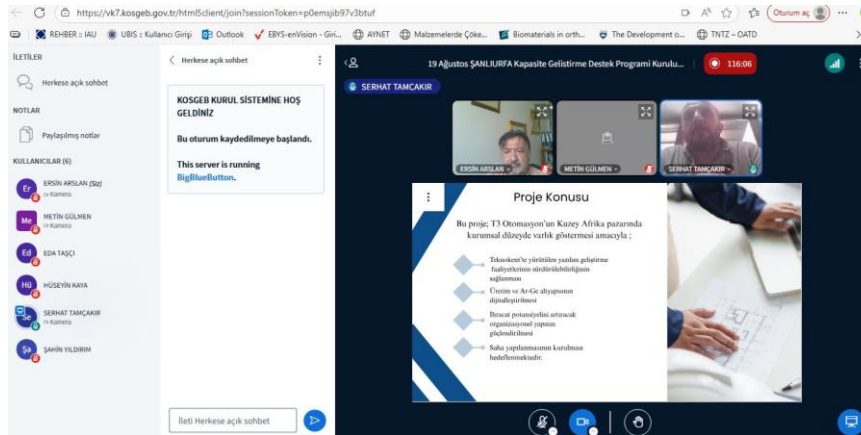
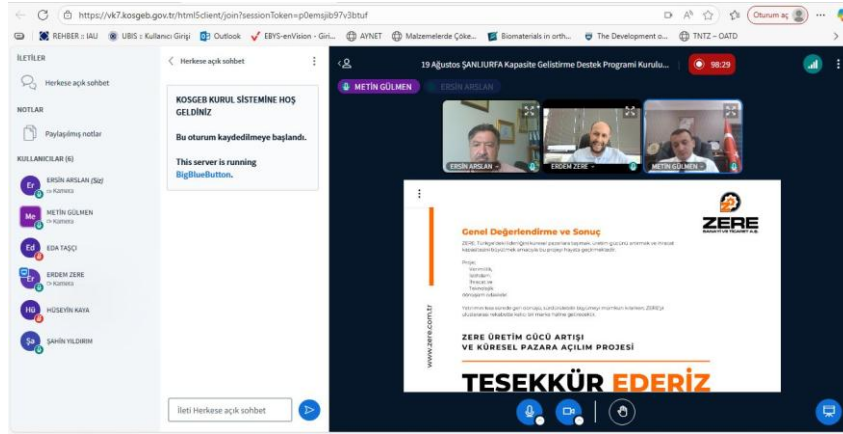
On August 19, 2025, Mr. Şems Hakan Sönmez, an Industrial Engineer and one of the partners of Ortak Akıl Management Consulting, which is among the external stakeholders of our Department of Industrial Engineering, visited our department and generously donated multiple copies of his authored book "*Human Resources Management in Enterprises*". The distribution of the books is still ongoing.





KOSGEB EVALUATION

Prof. Dr. Ersin Arslan served as an Independent Evaluator on ten projects, in collaboration with faculty members from four universities, under the Republic of Türkiye Ministry of Industry and Technology's Small and Medium Enterprises Development Organization (KOSGEB) Capacity Development Support Program.





CONFERENCE ATTENDANCE

Prof. Dr. Ersin Arslan presented his paper entitled “*Innovative Approaches to Improve Thermal Conductivity in Hydrogel Polymer Composites*” at the *2nd BİLSEL International Divriği Scientific Research Congress*, held on 16–17 August 2025 in Sivas, Türkiye.





LATEST ACADEMIC PAPERS

Articles published in internationally indexed refereed journals (SCI-SCIE-ESCI ve Scopus)

Kilinc, Hüseyin Cağan., Apak, S., Ozkan, F., & Yurtsever, A. (2025). AH-GCAN-LSTM: Adaptive Hybrid-Graph Convolution Attention Network with LSTM and Genetic Optimization for Hydrological time Series Forecasting. *Water Resources Management*, 1-20.

Ince, I. F., Shehu, H. A., Osmani, S., & Bulut, Faruk. A Novel Transformer Using Dynamic Range-Enhanced Discrete Cosine Transform (DRE-DCT) for Detecting Bean Leaf Diseases. *Frontiers in Plant Science*, 16, 1624373.

Dehghanian, Kaveh. "A numerical framework for enhancing the seismic resilience of urban infrastructure in clayey basins using finite element modeling and AI optimization." *Discover Civil Engineering* 2.1 (2025): 1-11.

Al-Mayali, Zahraa Mohammed Kamil, and Mahmoud Ziada. "Enhancement of mechanical properties and sulfuric acid resistance in slag-based geopolymer mortars via metakaolin incorporation. *Research on engineering structures and materials* " (2025).

Papers presented at international scientific meetings and published in proceedings

ARSLAN,Ersin, Innovative approaches to improve thermal conductivity in hydrogel polymer composites", 2. Bilsel International Divrigi Scientific Researches Congress, 16-17 August 2025