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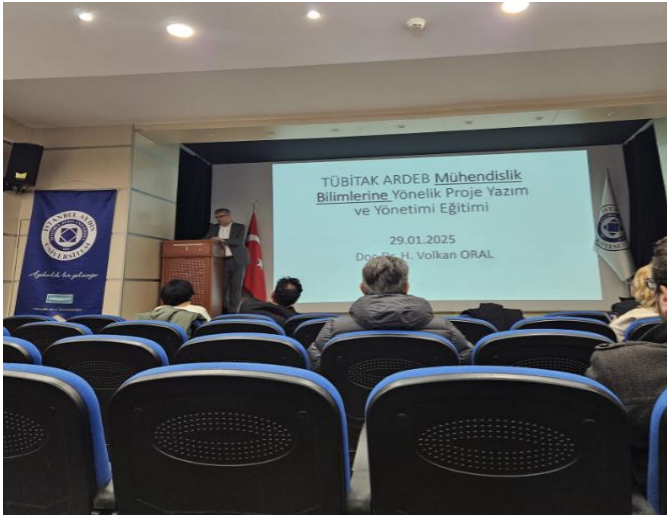
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PROJECT WRITING AND MANAGEMENT TRAINING

On January 29, the Faculty of Engineering organized the "TÜBİTAK ARDEB Project Writing and Management Training for Engineering Sciences," with Assoc. Prof. Dr. Hasan Volkan ORAL as the speaker.



INTERVIEW

Assist. Prof. Dr. Hafez KEYPOUR gave an interview about the anticipated earthquake in Istanbul.





MEETING WITH DEPARTMENT REPRESENTATIVES

The Civil Engineering Department, along with the department chair and program coordinators, met with the class representatives of the department.





LATEST ACADEMIC PAPERS

Prof. Dr. Zafer ASLAN

Akbulut, U., Çifçi, M. A., İşler, B., & Aslan, Z. (2025). Makine öğrenme yöntemleriyle nehir akım tahmininde farklı tekniklerinin karşılaştırılması. *Gazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi*, 40(1), 467-486.

Kaya, Z., Aslan, Z., Güneş, A., & Okatan, A. (2024). Dalgacık dönüşümü ve Inception v3 evrişimli sinir ağı modeli kullanarak beyin tümörlerinin sınıflandırılması. *Gazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi*, 39(3), 1945-1952.

İşler, B., Aslan, Z., Sunar, F., Güneş, A., Feoli, E., & Gabriels, D. (2024). Hybrid model-based prediction of biomass density in case studies in Türkiye. *Ecological Informatics*, 79, 102439.

Tutar, H., Güneş, A., Zontul, M., & Aslan, Z. (2024). A Hybrid Approach to Improve the Video Anomaly Detection Performance of Pixel-and Frame-Based Techniques Using Machine Learning Algorithms. *Computation*, 12(2), 19.

Yılmaz, A., & Aslan, Z. (2024). 802.11 ax teknolojisinin kablosuz ağ altyapılarındaki rolü ve geleceği: performans, güvenlik ve yenilik. *Anadolu Bil Meslek Yüksekokulu Dergisi*, 19(69), 1-29.

Assist. Prof. Dr. Dilşad AKGÜMÜŞ GÖK

AKGUMUS GOK, D. and MEMİS, M. (2025). Development of Fe-reinforced PLA-based composite filament for 3D printing: Process parameters, mechanical and microstructural characterization, *Ain Shams Engineering Journal*.

Assist. Prof. Dr. Mahmut Esat ERGİN

Ergin, ME. (2024). A COMPARATIVE ANALYSIS OF THE FACTORS INFLUENCING UNIVERSITY STUDENTS' MICROMOBILITY PREFERENCES USING K-NEAREST NEIGHBORS AND LOGISTIC REGRESSION MODELS. *İstanbul Ticaret Üniversitesi Fen Bilimleri Dergisi* 23 (46), 488-503. <https://doi.org/10.55071/ticaretfbd.1544658>



Assist. Prof. Dr. Meral YILDIRIM YALÇIN

Asikkutlu, A. G., & Yildirim-Yalcin, M. (2025). Optimization of mechanical and water barrier properties of avocado seed starch based film and its application as smart pH indicator by adding blue butterfly pea flower extract. *Food Chemistry: X*, 102155.

Assist. Prof. Dr. Mohammed Gamal AL-HAGRI

Al-Hagri, M. G., & Döndüren, M. S. (2025). Effect of single and hybrid incorporation of steel, polypropylene, and PET fibers on the properties of concrete under static and impact loading. *Magazine of Concrete Research*, 1–43. <https://doi.org/10.1680/jmacr.24.00401>

Assist. Prof. Dr. Şahin DEMİRCİ

Sahin Demirci , Osman Polat, Nurettin Sahiner, Hydrogen Production from Chemical Hydrides via Porous Carbon Particle Composite Catalyst Embedding of Metal Nanoparticles, *Micromachines* 16(2) (2025) 172.

Assist. Prof. Dr. Sibel KAHRAMAN – Res. Assist. Melisa ÇALIŞKAN DEMİR

Aydın, Ö. F., Aydın, M., Demir, M. C., & Kahraman, S. (2025). Smartphone-based app development with machine learning using Hibiscus sabdariffa L. extract for pH estimation. *Chemometrics and Intelligent Laboratory Systems*, 105310.

Res. Assist. Sümeyya AYCA

Ayca, S., & Dincer, I. (2025). A comprehensive life cycle assessment study on potential power supply options for a chlor alkali production plant. *Computers & Chemical Engineering*, 194, 108986.

SIMULTANEOUS ELECTRODEPOSITION OF Ni-TiO₂ COMPOSITE ON STAINLESS STEEL FOR ENHANCED HYDROGEN PRODUCTION, IEEEES-15