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## ENGINEERING FACULTY

## e - Newsletter

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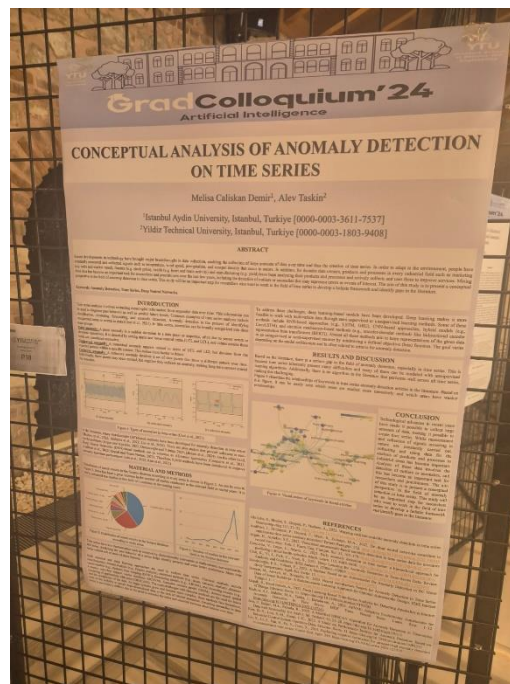
## INTERVIEW

Dr. Hafez KEYPOUR made evaluations about the earthquake to Iraq TV Al-Rabia channel.



## POSTER PRESENTATION

Melisa Çalışkan Demir, Research Assistant at the Department of Industrial Engineering, made a poster presentation titled "Conceptual Analysis Of Anomaly Detection On Time Series" at the GradColloquium held in the field of Artificial Intelligence at Yıldız Technical University on 04.06.2024.





## VISITING

Dr. Kaveh DEHGHANIAN visited Stanisław Staszic State University of Applied Sciences in Piła University within the scope of the Erasmus program between 17-21 June. During the visit, presentations were made to the faculty members of the civil engineering department and meetings were held with the Erasmus coordinator.



# Erasmus+

## APPOINTMENT OF REPRESENTATIVE TO THE BOARD OF DIRECTORS

Assoc. Prof. Dr. Hasan Volkan ORAL was appointed by Tübitak as MC (Board Representative) to COST Action 23133, representing Turkey.





## FIELD STUDY

Within the scope of the Environmental Geotechnics course conducted by Assoc. Prof. Dr. Hasan Volkan ORAL, a field study of İSKİ drinking water treatment facilities was carried out.





## LATEST ACADEMIC PUBLICATIONS

### **Prof. Dr. Abdulhadi BAYKAL**

Structure and magnetic properties of the spinel-polymer composites, Journal of Materials Research and Technology, Volume 30, May–June 2024, Pages 7115-7124

Improvement in the dielectric, magnetic, ferroelectric, and magnetoelectric coupling attributes of BaTiO<sub>3</sub>/CoNb<sub>0.02</sub>Fe<sub>1.98</sub>O<sub>4</sub> composite systems, Ceramics International

### **Assoc. Prof. Dr. Hüseyin Çağan KILINÇ**

Katipoğlu, O.M., Aktürk, G., Kılınç, H.Ç. et al. Suspended sediment load prediction in river systems via shuffled frog-leaping algorithm and neural network. Earth Sci Inform (2024)

Kilinc, H.C., Haznedar, B., Katipoğlu, O.M. et al. A comparative study of daily streamflow forecasting using firefly, artificial bee colony, and genetic algorithm-based artificial neural network. Acta Geophys. (2024)

### **Assist. Prof. Dr. Arif ULU**

ULU, Arif. Effect of resin amount on the damping properties of polymer concrete. Challenge Journal of Concrete Research Letters, [S.l.], v. 15, n. 2, p. 47-55, june 2024. ISSN 2548-0928.

### **Assist. Prof. Dr. Bilal ÖZTÜRK**

Independent Video Steganalysis Framework Perspective of Secure Video Processing, <https://journal.esrgroups.org/jes/article/view/3241>

Smart Learning Paths: Enhancing Education with Machine Learning Sentiment Analysis, IJISAE

### **Assist. Prof. Dr. Dilşad AKGÜMÜŞ GÖK**

AKGÜMÜŞ GÖK D., BAYRAKTAR C., HOŞKUN M. (2024) A Review on Processing, Mechanical and Wear Properties of Al Matrix Composites Reinforced with Al<sub>2</sub>O<sub>3</sub>, SiC, B<sub>4</sub>C and MgO, Journal of Materials Research and Technology, 31(1), 1132-1150. (DOI: 10.1016/j.jmrt.2024.06.110)

KARAMAN İ., AKGÜMÜŞ GÖK D. (2024). The Development of 3D Food Printer, 5th International Eurasian Conference on Science, Engineering and Technology, Ankara

DEMİR S., AKGÜMÜŞ GÖK D. (2024). Development of a Laboratory-Type Selective Laser Sintering (SLS) Machine, 8. Uluslararası Bilimsel Araştırmalar ve İnovasyon Kongresi, Bakü, Azerbaycan.