

T.C.
İstanbul Aydın Üniversitesi



KÜNYE:

İSTANBUL AYDIN ÜNİVERSİTESİ

Doç. Dr. Mustafa AYDIN

İstanbul Aydın Üniversitesi Mütevelli Heyet
Başkanı

Prof. Dr. Yadigar İZMİRLİ

İstanbul Aydın Üniversitesi Rektörü

Prof. Dr. Hasan Hüseyin BALIK

İstanbul Aydın Üniversitesi Mühendislik
Fakültesi Dekan Vekili

Dr. Öğr. Üyesi Dilşad AKGÜMÜŞ GÖK

İstanbul Aydın Üniversitesi Mühendislik
Fakültesi Dekan Yardımcısı

MÜHENDİSLİK FAKÜLTESİ

e - Bülten

TEMMUZ/ 2023

Sayı: 10

Yayına Hazırlayanlar

Arş. Gör. Abdullah NİĞDELİOĞLU



YAZ KURSU

Bilgisayar Mühendisliği Bölümü Öğretim Üyemiz Öğr. Gör. Dr. MHD WASIM RAED, yaz döneminde öğrencilerimizle IOT Yaz Programı düzenlemiştir.

- Programın Amacı: Öğrencilere sensörler, aktuatörler ve Arduino Uno / Arduino Nano gibi mikrodenetleyiciler ile temel kavramları anlatarak uygulamalı IOT eğitimi vermektir.
- Program 10-15 Temmuz arasında yoğunlaştırılmış 2 teorik ve 1 pratik dersten oluşmaktadır.



**SON AKADEMİK YAYINLAR****1) Prof. Dr. ZAFER ASLAN**

- Awareness of Space and Earth Systems by Musical Actions, EÖ Ay, OA Büyükbayram, Z Aslan, G Özdemir, International Conference on Computational Science and Its Applications, 160-176.
- Estimating the Effect of TEC Data on Rain with Modelling and Wavelet Transformation Analysis, S Doven, B Güdar, K Al-Nimer, Z Aslan, International Conference on Computational Science and Its Applications, 59-72.
- Prediction of Wind Speed by Using Machine Learning, U Şener, Bİ Kılıç, A Tokgözlü, Z Aslan, International Conference on Computational Science and Its Applications, 73-86.
- COVID-19 pandemisinin kurumsal ağlarda veri kullanım oranına olan etkisi, A YILMAZ, Z ASLAN, Anadolu Bil Meslek Yüksekokulu Dergisi 17 (66), 95-115.
- 5 Temmuz 2023 tarihinde Yunanistanda gerçekleştirilen ICCSA2023 (The International Conference on Computational Science and Its Applications) adlı sempozyumda sunum yapıldı. <https://iccsa.org/>, <https://www.youtube.com/watch?v=ZdvUE8cOgsc>.

2) Dr. Öğr. Üyesi ABBAS UĞURENVER

- Cemiloglu, A.; Licai, Z.; Ugurenver, A.; Nanekaran, Y.A. Optimal Exploitation of Urban Water Supply Networks Based on Pressure Management with the Nondominated Sorting Differential Evolution (NSDE) Algorithm. Water 2023, 15, 2583, <https://doi.org/10.3390/w15142583>.

3) Dr. Öğr. Üyesi HASAN VOLKAN ORAL

- COST Aksiyonu CA 20133 Projesi kapsamında Current challenges and future perspectives for the full circular economy of water in European countries yayını Q1 sınıfı Journal of Environmental Management – Elsevier.
- Within The Context Of Environmental Sustainability, An Example of Nature-based Solutions And Circularity In An Urban Ecosystem: Maltepe Park İsimli Calisma, Sozlu Sunum Olarak IV. Baskent International Conference On Multidisciplinary Studies

4) Dr. Öğr. Üyesi DİLŞAD AKGÜMÜŞ GÖK

- AKGÜMÜŞ GÖK D. (2023). Prototype Production and Investigation of Mechanical Properties of Leaf Springs used in Air Suspension System, Engineering Solid Mechanics, 12, 1-8, (Q2), DOI: 10.5267/j.esm.2023.7.004.
- Danışmanlığını yapmış olduğu TÜBİTAK 2209-B Sanayiye Yönelik Lisans Araştırma Projesi kapsamında gerçekleştirilen "Özel Yapılı Hibrit Kompozit Filametlerin Seri Üretim Şeklinde Basılabileceği 3D Yazıcının Geliştirilmesi ve Prototip Üretimi" konulu proje tamamlanmıştır.

**5) Prof. Dr. BEŞİR ŞAHİN**

- Nehir Tokgoz, Mehmet Tahir Erdinç, Önder Kaşka, Besir Sahin*, (2023) Investigations of flow structures and performances of heat transfer in semi-circular grooved ducts by applying field synergy principal analysis: An experimental and numerical study” isimli makale, SCI-Expanded kapsamındaki, JCR katagorisi ve WoS-JCI katagorileri Q1 olan “International Communications in Heat and Mass Transfer 144 (2023) 106801 dergisinde yayınlandı.
- C Canpolat, H Hamzah, B Şahin, Flow Control Around a Cylinder With a Perforated Cylinder Journal of Fluids Engineering, 1-30 (2023)” isimli makale, “SCI-Expanded kapsamındaki, WOS JCI katagorisi Q2” olan “Journal of Fluids Engineering dergisinde yayınlandı.

6) Doç. Dr. RAHELEH MIRZAEI

- Lanxia Guo, Raheleh Nowzari, Hasan Saygin, Mohammed Al-Bahrani, Mazyar Ghadiri Nejad, Shaghyegh Baghaei, Experimental investigation and two-factor factorial analysis of a solar air heater with scrap wire meshes and cans as energy storage components, Journal of Energy Storage, Volume 70, 2023, 107998, ISSN 2352-152X, <https://doi.org/10.1016/j.est.2023.107998>.

7) Dr. Öğr. Üyesi KAVEH DEHGHANIAN

- Oussama Tidjani and Kaveh Dehghanian, Analysis of Reinforced Walls Under Static and Dynamic Loadings, s. 327-333, Proceedings of 4th International Symposium of Engineering Applications on Civil Engineering and Earth Sciences 2023 (IEACES2023), 31 May-2 June 2023, Karabuk University, Karabük, Turkey.
- Gülnisa Özkan, Kaveh Dehghanian and Ali Kahriman, Patlatma Kaynaklı Titreşimlerin Saha Tepkisi Üzerindeki Etkisi, s. 101-111, Proceedings of 4th International Symposium of Engineering Applications on Civil Engineering and Earth Sciences 2023 (IEACES2023), 31 May-2 June 2023, Karabuk University, Karabük, Turkey.
- Rüya YILDIRIM, Kaveh DEHGHANIAN, ŞİDDETLİ DEPREMLERİN SİĞ TEMELLER ÜZERİNDEKİ ETKİSİ VE DEĞİŞEN SİSMİK KOŞULLARA TEPKİLERİNİN DEĞERLENDİRİLMESİ, 220-231, 11th INTERNATIONAL CONGRESS ON ENGINEERING, ARCHITECTURE AND DESIGN, 10-12 June, Istanbul.

8) Doç. Dr. HÜSEYİN ÇAĞAN KILINÇ

- Mou Leong Tan, Asaad M. Armanuos, Iman Ahmadianfar, Vahdettin Demir, Salim Heddami, Ahmed M. Al-Areeq, Sani I. Abba, Bijay Halder, Huseyin Cagan Kilinc, Zaher Mundher Yaseen, Evaluation of NASA POWER and ERA5-Land for estimating tropical precipitation and temperature extremes, Journal of Hydrology, Volume 624, 2023, 129940, ISSN 0022-1694, <https://doi.org/10.1016/j.jhydrol.2023.129940>.

**9) Dr. Öğr. Üyesi MOHAMMED ALKRUNZ**

- Syed Taimoor Ali and Mohammed Alkrunz, “Discrete-time Adaptive IDA-PBC Control For DC-DC Boost Convertor with Uncertain Constant Power Load”, International Journal Of Electronics, Electrical And Electronics Engineering.
- Wissal Rageb and Mohammed Alkrunz, “Improvement Of VAWT Savonius Turbine Mechanical Power For The Power Generation Purposes Of Bosphorus Shore Poles”. Paper is presented at 8th International New York Academic Research Congress On Life, Engineering, And Applied Sciences 2023, June, Istanbul, Turkey.
- Enas Walid Benzeglam and Mohammed Alkrunz, “Discrete-Time Adaptive Ida-Pbc Control For PMSM Motor With Uncertain Speed In The Structure Of Port-Controlled Hamiltonian System”. Paper is presented at 8th International New York Academic Research Congress On Life, Engineering, And Applied Sciences 2023, June, Istanbul, Turkey.

10) Dr. Öğr. Üyesi MERAL YILDIRIM YALÇIN

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11) Dr. Öğr. Üyesi ELİF ÇAKIR

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12) Prof. Dr. ABDULHADİ BAYKAL

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13) Prof. Dr. MEHMET EMİN TACER

- Electromechanical Energy Conversion adlı kitabı basım için IAU yayın komisyonunca yayımlanması için basım işlemleri devam etmektedir.

**14) Arş. Gör. BÜŞRA SELENAY ÖNAL**

- Önal, B.S. & Koçali, K. (2023). "Thermophotovoltaic System Setup and Analysis with Using Gallium Antimonide (GaSb) Cell in High Temperature", "Multidisciplinary Insights: Geothermal Wells, Presevation, Engineering, and Chemical Processes", pp: 139-169, <https://iksadyayinevi.com/wp-content/uploads/2023/06/MULTIDISCIPLINARY-INSIGHTS-GEOTHERMAL-WELLS-PRESERVATION-ENGINEERING-AND-CHEMICAL-PROCESSES.pdf>.

15) Dr. Öğr. Üyesi SÜLEYMAN ŞİMŞEK

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- Trakya Üniversitesi-İstanbul Aydın Üniversitesi iş birliği Doktora ek danışmanlığında 1 BAP kabulü alınmıştır.