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ENGINEERING FACULTY

e - Newsletter

September / 2022

No : 1

Editors

Assist Prof Dr. Semih YÖN
Gözde PÖGE



ENGINEERING FACULTY MANAGEMENT

The entire management of Faculty of Engineering of Istanbul Aydın University started to work in 2022. Our Dean Prof. Dr Kürsad Melih Güleren completed his doctorate in Mechanical Engineering at The University of Manchester. Our Deputy Dean, Asst. Prof. Dr. Semih YÖN completed his doctorate in Industrial Engineering at Istanbul Technical University. Our Deputy Dean, Ass. Prof. Dr. Dilşad AKGÜMÜŞ GÖK completed her doctorate in Mechanical Engineering at Ege University.



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Prof. Dr. Kürşad Melih GÜLEREN



Vice Dean

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Vice Dean

Asst. Prof. Dr. Dilşad AKGÜMÜŞ GÖK



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Ayşe AYDIN



Faculty Assitant Secretary

Ayşegül EDİŞ



Alumni and Current Students

As of September 2022, there are **3556** students in our faculty. Since our establishment, **3648** students have graduated. With this state, our Faculty is in the position of the Faculty with the highest number of students in Istanbul Aydın University. While the Textile Engineering and Mechatronics Engineering departments, one of our first established departments, stopped accepting students in time, our Aerospace Engineering department started to admit students in 2022. The number of current students and graduated students on a departmental basis is shown in Table 1 below.

Table 1. Our current student numbers and graduates.

Department	Current number of students	Number of graduates
Computer Engineering (Eng.)	674	549
Software Engineering (Eng.)	707	432
Industrial Engineering (Eng.)	622	507
Mechanical Engineering	201	511
Mechanical Engineering (Eng.)	285	-
Electrical Electronics Engineering (Eng.)	487	435
Civil Engineering	231	504
Civil Engineering (Eng.)	206	7
Food Engineering	101	470
Aerospace Engineering (Eng.)	33	-
Mechatronic Engineering	1	37
Textile Engineering	8	196



EVENTS

Collaboration with Istanbul Energy Inc. – 22.09.2022

A meeting was held between Faculty Members of our Engineering Faculty and Yüksel Yalçın, General Manager of Istanbul Energy A.Ş. at the firm's World Trade Center Yesilkoy office on 22.09.2022. In this meeting, which was extremely, it was decided to start project studies on the design of flexible photovoltaic systems, Floating Solar Energy systems, Vented Wind turbines design, and Biomass conversion systems, and our preparations for the Tübitak 1505 project for each subject began.





XV TTMD INTERNATIONAL HV AC&R TECHNOLOGIES SYMPOSIUM - 20-23.09.2022

Between 20-23.09.2022, Prof. Dr. XV TTMD INTERNATIONAL HV AC&R TECHNOLOGIES SYMPOSIUM symposium was organized by Hasan Alpay HEPERKAN.

The first conference of the "Cool Up" project, which is our European Union project realized in Turkish-German partnership within the scope of the protocol signed between Istanbul Aydın University and Guidehouse, was held in Istanbul on 27-29 September. As the project manager of our project, which will last for 5 years, Prof. Dr. Hasan Alpay Heparcan and the project lead researchers Res. Ass. Büşra Selenay Önal and Res. Ass. Cihan Sezer is located. The aim of the related project is to develop sustainable cooling and encourage the implementation of the Kigali change in Egypt, Jordan, Lebanon and Turkey and expand it to the Middle East region.

The Cool Up project is part of the International Climate Initiative (IKI). The Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection (BMUV) supports this initiative on the basis of a resolution adopted by the German Bundestag. The Turkish network includes Istanbul Aydın University and the United Nations Development Program (UNDP). The German network includes the Guidehouse and the German Ministry of Environment.





University Industry Projects Webinar - 03.10.2022

Mr. Prof. Dr. Aydın Durmuş organized an information webinar on University Industry Projects on 03.10.2022. Important points about the legislation and documents were explained and the development process of the projects and the importance of planning from the beginning were emphasized.

A- <https://teydeb.tubitak.gov.tr/teydebanasayfa.htm>

ANA SAYFA

- 1- PRODİS Giriş
- 2- Yeni Kullanıcı Kaydı
- 3- Gerekli Yazılımlar
- 4- Sıkça Sorulan Sorular
- 5- Elektronik İmza
- 6- Mobil İmza
- 7- Mevzuat ve Belgeler
- 8- Yardımcı KılavuzlarYENİ
- 9- Tamamlanmış Projeler
- 10- İletişim

B- <https://teydeb.tubitak.gov.tr/ss.htm>

PRODİS TEYDEB
Sıkça Sorulan Sorular





Çuhadaroğlu Aluminum Inc. Meeting with the Company – 04.10.2022

Çuhadaroğlu Aluminum Inc. A meeting was held on 04.10.2022 on project opportunities on our campus with Ali Tuna ŞENATLI from the company and other officials.





RECENT ACADEMIC PUBLISHING

1) Prof. Dr. Zafer Aslan

Multi-year Project G5970 “Cube4EnvSec: Big Earth Datacube Analytics for Transnational Security and Environment Protection” , 2022-2023, NATO Project.

Dr. Peter Baumann, Jacobs University, Bremen, Germany (NATO country Project Director)

Dr. Colin Price, Tel Aviv University, Tel Aviv, Israel (Partner country Project Director)

Mr. Karl Zinglarsen, Greenland Institute of Natural Resources, Nuuk, Denmark (Project CoDirector)

Dr. Michel Guillaume, Zurich University of Applied Sciences, Winterthur, Switzerland (Project Co-Director)

Dr. Zafer Aslan, Istanbul Aydın University, Istanbul, Türkiye (Project Co-Director, Faculty of Engineering, Dr. Uğur Şener Faculty of Administrative and Accountinc Sciences, Coordinator + ITU + SDU)

2) Prof. Dr. Hüsnü Özkan

A method to predict temperature derivatives of the bulk modulus: A case study for HfB2

Hüsnü Özkan, Serdar Delice, Nizami Gasanlı

3) Dr. Hasan Volkan Oral

Scientific committee member

<https://www.iees.tuc.gr/scientific-committee/>

4) Prof. Dr. Hasan Saygın, Dr. Hasan Volkan Oral

Tubitak COST projesi dahilinde 15-16 Eylül’de Danimarka’da yapılan COST 17133 Action Workshopin poster sunumu.

Link: <https://nbs.aydin.edu.tr/etkinlikler/>

5) Dr. Tevfik Denizhan Müftüoğlu, Dr. Hasan Volkan Oral

Nature-Based Solutions for Circular Management of Urban Water, Springer kitabı The Hydraulic Approach Relevant to Circularity on Sustainable Water Catchment bölümü

6) Dr. Dilşad Akgümüş Gök

İki adet TÜBİTAK 2209A Projesi tamamlanmıştır.

İmplant Amaçlı Kullanılacak olan Biyo-uyumlu PLA ve PETG Malzemelerinden FDM Teknolojisi ile Üretilen Parçaların Mekanik ve Mikro Yapısal Özelliklerinin Karşılaştırılması; Mert Turan TÜRKOK, Alperen CORUK, Serhad DİLBER