



May 2025

ANADOLU BİL VOCATIONAL SCHOOL



e-newsletter

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PRESS



Dr. Güven Özdemir

Dr. Güven Özdemir, faculty member at Istanbul Aydın University, responded to TRT's questions about rising temperatures

The Climate Has Changed: Tropical Nights Are No Longer Exclusive to Distant Regions

Tropical nights are no longer a phenomenon confined to faraway geographies—they are now becoming a reality in Turkey as well. The increasing temperatures during nighttime, which significantly impact both human health and the natural environment, are directly linked to climate change.

Some summer nights have become so hot that it feels nearly impossible to breathe. Even after the sun sets, the air remains stubbornly warm. Falling asleep turns into a real challenge. Many people toss and turn in bed, searching for a cool corner, only to wake up feeling exhausted.

So, what is behind these stifling nights? In which regions are temperatures rising more rapidly?

Dr. Güven Özdemir, a faculty member at Istanbul Aydın University and an expert in meteorology, answered these pressing questions in an interview with TRT.

Tropical Nights: When Temperatures Remain Above 20°C

We refer to the sweltering summer nights that overwhelm people with

heat as “tropical nights.” Dr. Güven Özdemir begins by explaining what this term actually means:

“The term tropical night refers to nights when the temperature does not fall below 20 degrees Celsius. Normally, after sunset, the Earth should cool down, and temperatures near ground level should decrease. However, if the minimum nighttime temperature remains above 20°C, if humidity is high, and if winds are calm, we define such conditions as a tropical night.”

Dr. Özdemir emphasizes that tropical nights can also pose serious health risks. He elaborates:

“From a health perspective, they can lead to sleep disturbances and respiratory issues. For individuals with underlying genetic or chronic conditions, such nights can also trigger cardiovascular problems.”



Negative Impact on the Ecosystem

The discomfort caused by the oppressive heat of tropical nights is well-known to affect humans. However, the issue extends beyond individuals. Dr. Özdemir highlights that tropical nights also lead to a decrease in agricultural productivity.

Although the actual temperature may register around 20 degrees Celsius, the perceived temperature can rise significantly higher, reaching 26 to 27 degrees, or even up to 30 degrees Celsius when humidity levels are elevated.

He explains:

“Plants have a respiration rate at night. When nighttime temperatures remain excessively high, it can adversely affect agricultural plants both

biologically and within the ecosystem. This can result in reduced yields and a decline in crop productivity. The significant rise in nighttime temperatures contributes to losses in agriculture and threatens biodiversity within ecosystems. It can accelerate the disruption of the natural balance.”

On average, 18 more tropical nights are experienced each year.

The number of tropical nights is increasing year by year. Since the 1980s, tropical nights have become more common in Europe, beginning to impact daily life. According to data, last summer there were 23 tropical nights recorded in popular summer destinations

across Southern Europe, including Southern Italy, Croatia, Turkey, and Greece.

Furthermore, statistics show that over the past 73 years, the average number of tropical nights in the Mediterranean region has risen by 93%. This means that, on average, 18 additional tropical nights occur every year.

The Mediterranean Region is tending toward tropical climate influence.

Turkey is also experiencing the effects of tropical nights. So, in which regions are these effects more pronounced? Dr. Özdemir explains: “When we consider tropical nights in our country, the Mediterranean region is gradually showing a tendency to come under the influence of a tropical climate. The main reasons for this are excessive temperature increases, decreasing rainfall, urban areas, the intensity of heat islands, forest fires, and deforestation in that region. All of these are major contributors to the increase in tropical nights.”

He concludes his statement by emphasizing: “All these factors also affect the relevant climate parameters in these areas. Although the temperatures people feel may appear to be around 20 degrees Celsius, if the humidity is high, the perceived temperature can reach 26–27, even up to 30 degrees Celsius. Additionally, if there is no wind and humidity is high, the perceived temperatures will be even higher.”

Source: trthaber.com/Mine Yargıcı Çiftçi/03.06.2025



INTERVIEW



A Conversation with İbrahim Betil

Korkmaz Keskendir, Instructor in the Department of Banking and Insurance, together with his students, participated in a special interview session organized by Yavuz Çağlar Cerşit, Head of the Department of Industrial Engineering (English). The guest speaker was İbrahim Betil—an educator, author, founding member of the Community Volunteers Foundation (Toplum Gönüllüleri Vakfı), and former general manager of Pamukbank. The event took place at our university on May 9, 2025.

Child Development Program

ACTIVITY



Science Festival

As part of the course Science and Mathematics Education in Early Childhood, led by Instructor Tuğba Eryiğit, a series of science-based activities tailored for early childhood were organized and implemented. The event took place with the participation of children from the Küçükçekmece Municipality Preschool.



EVENT



The Establishment of the ABMYO International Development, Monitoring, and Steering Commission

On April 20, 2025, the International Development, Monitoring, and Steering Commission of ABMYO was officially established. The commission is chaired by Instructor Ayten Nahide Korkmaz from the Foreign Trade (English) Program. The appointed members include Instructor Fatemeh Khosravi Purian (Electrical Prog.), Instructor Ovais Vohra (Business Administration-English Prog.), and Instructor Atila Er (Foreign Trade-English Prog.).

The commission held its inaugural meeting on May 7, 2025, during which it laid out plans to initiate numerous academic collaborations. A detailed presentation was made on the academic and professional benefits of the Erasmus program, emphasizing the necessity of enhancing partnerships with international scholars and universities.

As a result of the discussions, it was decided to launch initiatives aimed at facilitating student internships in companies located in industrialized countries. Additionally, the commission resolved to organize English-language workshops and scientific clubs designed to inform both faculty members and students about the regulations of exchange programs and the opportunities presented by international partnerships. These activities aim to foster active participation in global academic networks.

This meeting marked a significant step forward in maximizing the university's international potential, enhancing students' academic, research, and professional competencies, and strengthening Istanbul Aydın University's ties with leading scientific institutions worldwide.

ACTIVITY



AnadoluBil Vocational School Signs an International Academic Cooperation Protocol with Sabah University of Malaysia

Under the coordination of Instructor Ayten Nahide Korkmaz, Chair of the International Development, Monitoring, and Guidance Commission of AnadoluBil Vocational School, an International Academic Cooperation Protocol was signed on May 14, 2025, between AnadoluBil Vocational School and Sabah University of Malaysia.

This protocol aims to facilitate: academic staff exchange, student exchange programs, collaboration in joint research projects, coordination of joint educational initiatives, and the organization of student development activities, including joint curriculum programs, academic conferences, lectures, short-term training courses, collaborative online international learning, seminars, and symposia.

BOOK CHAPTER

GREEN STRATEGIES: TRANSFORMING INNOVATIVE CONCEPTS INTO SUSTAINABILITY

Editor:
Ayten Nahide KORKMAZ

An International Academic Book Edited by Instructor Ayten Nahide Korkmaz Has Been published

Instructor Ayten Nahide Korkmaz from the Foreign Trade (English) Program served as the editor of the internationally indexed academic book titled *Green Strategies: Transforming Innovative Concepts Into Sustainability*. The publication addresses contemporary approaches to sustainability through interdisciplinary academic perspectives.

The book also features two chapters co-authored by Instructor Selvi Burcu Güler from the Architectural Restoration Program and Instructor Korkmaz. The first chapter, titled *Architecture and Bioeconomy in Agriculture: A*

Theoretical Framework, explores the integration of architectural design with agricultural bioeconomy principles. The second chapter, *Electric Charging Vehicles under the European Green Deal: The Case of Türkiye*, investigates the role of electric vehicle infrastructure in Türkiye within the context of EU environmental policies.

This scholarly contribution reflects the university's commitment to sustainability-oriented research and highlights the active role of faculty members in international academic discourse.

WEBINAR

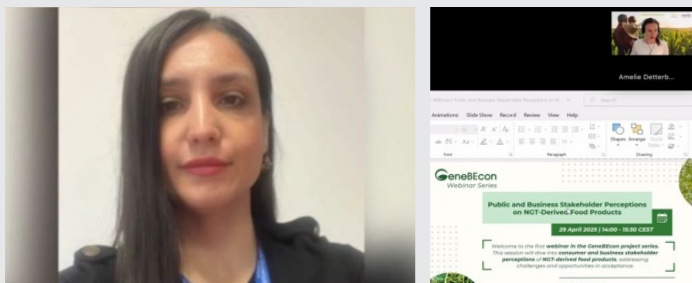


Instructor Ayten Nahide Korkmaz Participated in a Webinar with Academics from Wageningen University

On April 28, 2025, Instructor Ayten Nahide Korkmaz from the Foreign Trade (English) Program took part in an international webinar on the topic of “Bioeconomy,” hosted by academics from Wage-

ningen University, Netherlands. The event provided a platform for exchanging cutting-edge research insights and fostering academic collaboration in the field of sustainable bioeconomic development.

WEBINAR

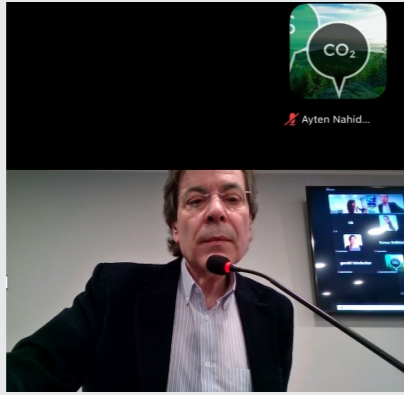


Instructor Ayten Nahide Korkmaz attended the “BioBeast-GeneBEcon Webinar” (Switzerland)

On April 29, 2025, Instructor Ayten Nahide Korkmaz from the Foreign Trade (English) Program participated in the “BioBeast-GeneBEcon Webinar,” which featured numerous academics from Switzer-

land. This event facilitated valuable interdisciplinary discussions on bioeconomic innovations and gene-based sustainability strategies, contributing to the advancement of international research cooperation.

WEBINAR



Instructor Ayten Nahide Korkmaz Attended the COST Action Circular B webinar

On April 30, 2025, Instructor Ayten Nahide Korkmaz from the Foreign Trade (English) Program participated in the COST Action Circular B Webinar, centered on the themes of “Green Economy and Sustainable Economy.”

This webinar provided a platform to explore cutting-edge developments in circular economy practices and sustainability strategies, further enriching academic dialogue and international collaboration in these critical fields.

Foreign Trade (English) Program / Business Administration (English) Program

SEMINAR



“Summer Internship Opportunities Abroad” Seminar Held

On May 28, 2025, the Foreign Trade (English) and Business Administration (English) programs jointly organized a seminar titled “Summer Internship Opportunities Abroad: Solidarity Corps Program” to introduce students to internship opportunities available during the summer period in European Union (EU) countries.

Assoc. Prof. Dr. E. Tutku Vardağlı, Chair of the Foreign Trade (English) Program, presented the broad opportunities offered by the Solidarity Corps Program, an EU solidarity initiative.

Dr. Lecturer Sara Faedfar, Chair of the Business Administration (English) Program, provided practical guidance on the membership and application processes for the program. Both faculty members expressed their willingness to support students interested in participating.

The instructors also emphasized that the program is open to international students residing in Turkey. They declared their intention to continue organizing such initiatives aimed at enhancing ABMYO students’ international vision and experience in upcoming terms.

CERTIFICATE



Instructor Fatemeh Khosravi Purian has been promoted to IEEE Senior Membership

Fatemeh Khosravi Pourian, an instructor in the electricity program at our university, has been promoted to Senior Member by the Institute of Electrical and Electronics Engineers (IEEE), one of the world's most prestigious professional societies.

She has been a member of IEEE since 2012, starting as a Student Member and later advancing to the Professional Membership level. Her scientific and technical contributions in the fields of Electrical Engineering and Robotics have earned her the Senior Member Degree, a globally recognized distinction.

Tourism Guidance Program

ACTIVITY



Tour of Süleymaniye Mosque—Grand Bazaar—Industry Stakeholders by the Tourism Guidance Program

As part of the first-ever Gastro-History Tour organized by Istanbul Aydın University's Tourism Guidance Program, the Head of the Program, Dr. Gözde Özdemir Uçgun, accompanied her students on a rich cultural and gastronomic experience through Küçükçekmece, visiting prominent culinary sites and delivering informative briefings on the significance of gastronomy tourism.

During the tour, participants engaged in tastings and received historical and archaeological insights at several notable locati-

ons, including: The Historical Cennet Pickle Shop, The Sign Museum, The Contrast Exhibition, Cennet Pastry House, Yarımburgaz Cave, Historical bakeries and butcher shops in Küçükçekmece, Küçükçekmece Bridge, Mavran Island, Garip Dede Shrine, Yılmaz Et Restaurant

This event provided students with a practical and immersive understanding of local heritage, culinary traditions, and the interdisciplinary connections between tourism, history, and gastronomy.

SPEECH



“How Do Machines Learn?” “A Brief Journey Through Artificial Intelligence” Seminar Hosted for Students

On May 26, 2025, a seminar titled “How Do Machines Learn?” “A Brief Journey Through Artificial Intelligence” was jointly organized by the Electronics Technology and Automotive Technology programs of the Anadolu BIL Vocational School.

The event featured guest speaker Mr. Emre Güler, Data Science and Big Data Manager at Flo Group, who delivered a comprehensive presentation covering fundamental concepts of artificial

intelligence and machine learning, as well as their current applications in the industry.

Students had the opportunity to engage directly with an expert in the field, ask questions, and gain firsthand insights into the dynamic nature of AI technologies. The seminar served as a valuable learning experience, enabling participants to build foundational knowledge while exploring real-world perspectives from the professional domain.

FAIR



Students from the Electronics Technology Program Observed Technological Advancements Firsthand at WIN EURASIA

Between May 28 and 28–31, 2025, academic staff and students from the Electronics Technology Program of Anadolu BIL Vocational School attended the WIN EURASIA—Automation and Machinery Technologies Fair, held in Istanbul.

The fair provided a valuable platform for students to engage directly with industry professionals and observe up-to-date technological applications in the field. A wide array of innovative products and solutions were showcased across areas such as automation,

machinery technologies, robotic systems, and digital factories.

As part of this technical field visit, students had the opportunity to both explore the latest advancements in the sector and reinforce their theoretical knowledge under the guidance of their instructors. This experiential learning activity contributed significantly to enhancing the students’ industrial awareness and practical understanding, offering academic staff and participants a rich exposure to current developments in the field.

TECHNICAL VISIT



Dr. Ekin Dinçel Kasapoğlu and food technology students conducted a technical visit to Polen Gıda Company

As part of the curriculum, Dr. Ekin Dinçel Kasapoğlu and the students of the Food Technology Program organized a technical visit to Polen Gıda, a leading company in the sector.

During the visit, students had the opportunity to reinforce the theoretical knowledge acquired in their Food Additives and Food Analysis courses. Company representatives provided in-depth

information about the types of food additives used in various products and the categories of food with which the company is currently working in the market.

This experience contributed to students' practical understanding of additive applications and allowed them to learn valuable lessons about real-world industry practices.

Foreign Trade (Turkish) Program

ALUMNI MEETING



Foreign Trade (TR) Program Students Reunited at the Alumni Invitation Event

On 30 May 2025, students from the Foreign Trade (Turkish) Program gathered at Block D, Orange Hall, as part of the "Alumni Invitation" event.

During the event, graduates from various years shared their professional experiences with current students.

Ecem Bayrak (Class of 2018), currently working as the Accounting and Finance Manager at DD Customs Consultancy Co. Ltd.; Recep Denizli (Class of 2019), a Foreign Trade Specialist at Ercan Teknik Air Conditioning Industry and Trade Inc. and Remzi Uzer (Class of 2023), an Import Customer Represen-

tative at Obdan Sistem Customs Consultancy Ltd., all spoke about their career paths and industry insights.

Additionally, Esma Kabak, a 2024 graduate currently enrolled in the Preparatory Class of the Business Administration Department (30% English) at Istanbul University, shared her valuable experiences and advice regarding the Vertical Transfer Exam (DGS) process.

The event offered an engaging and productive environment, enabling students to connect with alumni and gain real-life perspectives on both academic and professional development.

TALK SERIES



The ABMYO Graphic Design Program hosted industry veterans for a sector talk

On April 29, 2025, the Graphic Design Program at ABMYO, under the organization of Program Chair Instructor Nihat Kemankaşlı, held a sector talk featuring renowned graphic designer Serdar Karaman and acclaimed author, illustrator, and educator Fehmi Demirbağ as guest speakers.

During the event, students gained valuable insights into the graphic design industry and its practices in Turkey. The talk attracted significant interest from students, and the guest speakers addressed many of the participants' questions and curiosities regarding the media and graphic design sectors.

SEMINAR



The ABMYO Graphic Design Program Organized an AI Technologies seminar

On May 2, 2025, the Graphic Design Program held a seminar titled “What Is AI? What Is It Not?” with Instructor Murat Deniz Postacı as the speaker.

The seminar covered a wide range of topics, including the concept of artificial intelligence—considered one of today’s most signi-

ficant technologies—AI algorithms, sectors in which AI is utilized, its modes of application, the advantages and disadvantages of AI, learning models, and whether AI poses a threat in the global landscape. The most discussed topic during the seminar was “Future Predictions Regarding Artificial Intelligence.”

FAIR



The Civil Aviation Cabin Services Program attended the IFTE 2025 Aviation Training Institutions Fair

Held at Istanbul Atatürk Airport Terminal C on May 9–11, 2025, IFTE 2025 brought together key players in the aviation sector and institutions providing training in the field.

Representing our department at the fair were Program Chair Dr. Instructor Hülya Çağlar Çelebioğlu, Instructor Melek Özçırkıkçı, and Instructor Hilmi Sezgin.

The event was honored by visits to our stand from high-profile personalities, including Director General of Civil Aviation Prof. Dr. Kemal Yüksek, AJet Training Director Türkan İşyapan Gündüz, and association presidents. Valuable collaborations were discussed during the fair, particularly in regard to our graduates who have entered the sector and current students continuing their education.

EVENT



World Cabin Crew Day will be celebrated with a festive event on May 30, 2025, at the Main Campus Garden

World Cabin Crew Day will be celebrated with a festive event on May 30, 2025, at the Main Campus Garden. In collaboration with the Flying for Good Association and the Aviation Club, celebrated this meaningful day with a heartfelt event dedicated to kindness and social responsibility.

The proceeds from the festival and charity fair, held on the university's main campus, were allocated to support the establishment of the "IAU Civil Aviation Cabin Services Special Education Classroom" for students with autism.

The event featured numerous enjoyable activities, including live music performances, competitions, surprise gifts, and a 360-degree video booth

experience. The Journalism, Arts, and PDG Clubs also contributed their support, uniting hearts on this special day.

During a ceremony held especially for World Cabin Crew Day, students of the Civil Aviation Cabin Services Program took their professional oaths and were awarded certificates of achievement. At the conclusion of the ceremony, symbolic airplanes carrying messages of hope were released into the sky.

The exceptional dedication shown by our students in contributing to the education of disadvantaged groups and carrying out this social responsibility project further strengthened our hope for the future and highlighted the compassion of our youth.

EVENT



Instructor Doğa Kırmızıaroğlu Visited Halkalı Mehmet Akif Ersoy Multi-Purpose Anatolian High School

Instructor Doğa Kırmızıaroğlu, a faculty member of the IAU Civil Aviation Cabin Services Program, visited Halkalı Mehmet Akif Ersoy Multi-Purpose Anatolian High School, where she met with aviation-enthusiast students and shared her professional experiences with the aspiring youth.

EVENT



Instructor Muhammet Aydın Held a Discussion on Sustainable Transportation

Instructor Muhammet Aydın, Head of the Construction Program, engaged in a professional discussion on sustainable transportation with Dr. Instructor Hasan Bozkurt from the Faculty of Engineering at Bilecik Şeyh Edebali University and Prof. Dr. Murat Karacasu, Head of the Department of Transportation at the Faculty of Engineering, Eskişehir Osmangazi University. The meeting focused on the essential steps that must be taken toward sustainable transportation and the three core pillars of sustainability: minimizing environmental impact, ensuring economic accessibility, and promoting social inclusion. Special emphasis was placed on the Turkish context—particularly the continued heavy reliance on private vehicles in urban transportation. It was concluded that the first priority must be to make integrated and attractive public transport systems a reality to reduce car dependency.

EVENT



Our graduate Mehmet Kestane delivered a talk on “Objective Key Results (OKR)-A Management Tool”

As part of its ongoing efforts to strengthen university-industry collaboration, Istanbul Aydın University ABMYO Human Resources Management Program continues to bring HR professionals together with students.

Our program graduate and HR Manager at Arena Bilgisayar A.Ş., Mehmet Kestane, jo-

ined the Performance Management Systems course as a guest speaker. He gave valuable feedback on one of the most current topics in performance management-Objective Key Results (OKR)-and shared how this managerial framework is implemented in practice within his organization.

TECHNICAL TOUR



Technical Visit to the Istanbul Metropolitan Municipality Solid Waste Incineration and Energy Plant by OHS Program Students

On May 22, 2025, students from the ABMYO Occupational Health and Safety Program conducted a technical field trip to the Solid Waste Incineration and Energy Production Plant operated by the Istanbul Metropolitan Municipality.

Guided by faculty instructors, this event provided students with the opportunity to reinforce their theoretical knowledge through practical observations and to examine sustainable environmental management and energy

recovery processes on site.

Recognized as one of the largest facilities in Europe, the plant ensures environmentally sensitive disposal of household solid waste in Istanbul while contributing to environmental sustainability by generating energy from waste.

Students left the facility with great satisfaction, appreciating the high standards of occupational health and safety practices implemented at the site.

EVENT



A health screening event was conducted for occupational health and safety students

On May 12, 2025, a meaningful event was held for the students of Istanbul Aydın University Anadolu Vocational School's Occupational Health and Safety Program.

In collaboration with Alan Akademi, a mobile health screening vehicle was brought to the campus, providing students with practical information on health screenings conducted within the scope of occupational health and safety services.

The event featured the introduction of the

health screening vehicle and provided participants with information about its services. Free chest X-rays (lung radiographs) were provided to interested students.

Additionally, officials from Alan Akademi announced that students could also benefit from free health screenings at their center.

This event proved extremely beneficial in reinforcing students' professional knowledge and enabling them to observe occupational health practices firsthand.

EVENT

Introduction to NEBOSH Training for Occupational Health and Safety Students

On May 15, 2025, an online informational event was held for students of the Istanbul Aydın University Anadolu BİL Vocational School's Occupational Health and Safety Program.

Conducted via the Zoom platform, the event featured Ms. Rengin Genç İnal, founder of Pupa Training and Consultancy Services, who provided comprehensive information on NEBOSH (The National Examination Board in Occupational Safety and Health) training, which is recognized in-

ternationally.

The presentation covered the scope of NEBOSH certification, its significance both nationally and internationally, the application procedures, training content, and related career opportunities.

Participants gained valuable insights into the advantages NEBOSH training offers within the field of occupational safety. This informative session proved highly beneficial for students aspiring to build careers in occupational health and safety.

EVENT



A Meaningful Visit from Our Alumnus Sefa Aydınlı: Sharing Sectoral Experience and Feedback

On May 5, 2025, Mr. Sefa Aydınlı—an esteemed 2016 graduate of Istanbul Aydın University’s Occupational Health and Safety Program and a prominent professional in the sector—paid a meaningful visit to our program.

As a certified Class A Occupational Safety Specialist, Mr. Aydınlı met with students and held discussions with faculty members regarding current needs in the field of occupational health and safety. Notably, he placed second nationwide in the Class B Occupational Safety Specialist exam administered by ÖSYM and later ranked first in the Class A exam.

During his talk, he shared insights into his career journey after graduation, professional challenges encountered, and recent industry practices. Academic staff discussed key topics in meetings, including in-demand skills in the job market, recent legislative updates, digitalization, and the impact of artificial intelligence. He also provided constructive feedback on how well the current curriculum aligns with sector expectations.

We recognized these alumni interactions as valuable contributions that keep the curriculum dynamic and enhance graduates’ success in the industry.

EVENT



A Meaningful Contribution from OHS Students: “Bookworm” Campaign Enriches Another

In collaboration with Istanbul Aydın University’s Occupational Health and Safety Program and the OHS Student Club, a meaningful social responsibility project was launched to raise public awareness and support education.

Under the leadership of OHS Club President Abdulsamet Bilgin, the “Bookworm” book donation campaign resulted in the collection of over 300 books, contributed voluntarily by OHS students and academic staff. The books were donated to the library of Şehit Münir Alkan Middle School in Küçükçekmece.

At the end of the campaign, the OHS Student Club, which carried out the initi-

ative with great dedication, saw university faculty members and students personally deliver the collected books to the school library. During the visit, discussions were held with the school administration about how the donated books would contribute to students’ educational development.

This impactful initiative enriched a library and aimed to reinforce a sense of social responsibility and foster a culture of solidarity among occupational health and safety students. We extend our heartfelt thanks to all students and faculty members who contributed, and we hope to see such projects continue to grow in the future.

EVENT



A Technical Visit to Skyworks: On-Site Practice in Working at Heights

To enhance the professional knowledge and skills of students from the Istanbul Aydın University Occupational Health and Safety Program, a technical visit was organized to Skyworks Training and Consultancy Company.

Skyworks, which has a training area certified by IRATA (Industrial Rope Access Trade Association) for rope access and working at heights, is recognized as one of the leading institutions offering hands-on training at international standards in the field of occupational health and safety.

During the visit, students received detailed information from Mr. Burak Çakıroğlu, founder

of Skyworks, on topics such as working at heights, fall prevention systems, rope access techniques, and the use of personal protective equipment (PPE). They also had the opportunity to participate in hands-on training under the guidance of expert instructors.

Throughout the event, students were made aware of the risks involved in working at heights, necessary safety precautions, and emergency response procedures. In addition, they were informed about the IRATA certification process and the professional development opportunities available in the sector.

EVENT



Traditional Participation in OHS Days

On May 27, 2025, Istanbul Aydın University's Occupational Health and Safety Program once again participated in the 27th Occupational Health and Safety (OHS) Days organized by the Istanbul Branch of the Chamber of Mechanical Engineers (TMMOB), continuing its tradition of active participation with both faculty members and students.

One of our students, Abdulsamet Keskin, contributed to the event with his presentation titled "Young Workers and OHS," which was highly appreciated by

the audience.

The Occupational Health and Safety Program at Istanbul Aydın University has made it a tradition to contribute to the OHS Days events each year through academic presentations prepared by its students. Participation in such events, which prioritize social contribution, professional development, and student representation, not only makes us proud of our students' achievements but also strengthens our program's sectoral interaction and academic quality.

SEMINAR



Artificial Intelligence Seminar for OHS Students: Exploring Future Technologies

Istanbul Aydın University's Occupational Health and Safety Program hosted another significant seminar aimed at introducing students to the latest developments in the field. Held on May 30, 2025, the seminar was titled "Artificial Intelligence Applications in Occupational Health and Safety" and featured a presentation by Mr. İlker Yüksel, founder of Yüksel AI.

The event drew a lot of interest and involvement from OHS students, discussing how artificial intelligence is used in occupational health and safety tasks, like analyzing risks, preventing accidents, supporting decisions with data, and smart inspection methods.

Through concrete examples drawn from real-life projects in the field, İlker Yüksel aimed to broaden students' perspectives by illustrating the practical role of AI in OHS. The seminar concluded with an interactive Q&A session where students shared their questions and insights, sparking productive discussions on integrating technology into professional practices.

Such events are designed not only to provide students with theoretical knowledge but also to help them graduate with an awareness of how digital transformation is reshaping their future professions.

SEMINAR



Instructor Emre Yılmaz Delivered OHS Training to Faculty of Pharmacy Students

Instructor Emre Yılmaz delivered a training session on Occupational Health and Safety (OHS) to students of Istanbul Aydın University's Faculty of Pharmacy. The session focu-

sed on potential hazards encountered in laboratory settings, necessary safety precautions, and emergency management procedures.

PhD



Instructor Serkan Kılıçtek's Doctoral Research Project Approved

Instructor Serkan Kılıçtek, Vice Chair of the Machine Program, has received approval and support from Yıldız Technical University for his doctoral research project titled "Synthesis of Nanoparticle-Reinforced Fibers and Their Applications in Supercapacitors," conducted within the Department of Materials Science, Metallurgical and Materials Engineering at YTU.



Dr. Utku Bulut Şimşek Appointed as Director of Technology Transfer and Project Management Office (TTPYO)

Dr. Utku Bulut Şimşek has been appointed as the Director of the Technology Transfer and Project Management Office (TTPYO) and is a faculty member of the Machine Program at Anadolu BİL Vocational School. In this role, our academician will be responsible for supporting research projects, enhancing university-industry collaborations, and managing intellectual property processes. Additionally, Dr. Şimşek will oversee entrepreneurship activities, coordinate training and consultancy services for researchers, and lead the strategic planning of the office. Through these efforts, he aims to contribute significantly to the university's research and innovation capacity.

PROJECT

2218-Yurt İçi Doktora Sonrası Araştırma Burs Programı

Yürütücü
Dr. Öğr. Üyesi Utku B. ŞİMŞEK
İstanbul Aydın Üniversitesi

Danışman
Doç. Dr. Müslüm DEMİR
Boğaziçi Üniversitesi

TÜBİTAK 2218 Yurtiçi Doktora Sonrası Araştırma Programı kapsamında " Süperkritik Akışkan Destekli Farklı Boyutlarda Amin Fonksiyonlu Bimetalik MOF Yapıların Sentezi ve Karbondioksit Adsorpsiyon Performansının Belirlenmesi başlıklı 918.000 ₺ Bütçeli çalışma 24 ay süre ile TÜBİTAK BİDEB tarafından desteklenecektir. Proje Boğaziçi Üniversitesi işbirliği ile yürütülecektir.

The TÜBİTAK BİDEB Funds Project, led by Assistant Professor Dr. Utku Bulut Şimşek

Assistant Professor Dr. Utku Bulut Şimşek from the Machine Program at Anadolu BİL Vocational School has received funding from the TÜBİTAK BİDEB 2218 Program for his project called “Synthesis of Amino-Functionalized Bimetallic MOF Structures of Different Sizes Supported by Supercritical Fluids and Determination of Their Carbon Dioxide Adsorption Performance.” The project, with a budget of 918,000 TRY, is conducted under the consultancy of Associate Profes-

or Dr. Müslüm Demir from Boğaziçi University.

This research aims to create, for the first time, amino-functionalized bimetallic metal-organic frameworks (MOFs) in both micro and nano sizes using supercritical fluid technology. The project will investigate the potential application of these novel MOF structures in carbon capture and storage technologies, contributing to advances in environmental sustainability and clean energy solutions.

PROJECT

TÜBİTAK 3501 KARIYER GELİŞTİRME PROGRAMI

Yürütücü
Dr. Öğr. Üyesi Utku B. ŞİMŞEK
İstanbul Aydın Üniversitesi

Araştırmacı
Dr. Öğr. Üyesi Süleyman Gökhan Çolak
İskenderun Teknik Üniversitesi

DANIŞMAN
Doç. Dr. Müslüm DEMİR
Boğaziçi Üniversitesi

TÜBİTAK 3501 Kariyer Geliştirme Programı kapsamında " Süper Kritik CO₂ Ortamında Bimetalik MOF ve Bimetalik MOF/MXene Kompozit Yapıların Sentezi, Karakterizasyonu ve Süperkapasitör Uygulamaları başlıklı 1.200.000 ₺ Bütçeli çalışma 30 ay süre ile TÜBİTAK ARDEB tarafından desteklenecektir. Proje Boğaziçi Üniversitesi ve İskenderun Teknik Üniversitesi işbirliği ile yürütülecektir.

TÜBİTAK ARDEB Funds Project Led by Assistant Professor Dr. Utku Bulut Şimşek

Assistant Professor Dr. Utku Bulut Şimşek from the Machine Program at Anadolu BİL Vocational School serves as the principal investigator of a project supported by the TÜBİTAK 3501 Program with a budget of 1,200,000 TRY. The research team includes Dr. Süleyman Gökhan Çolak, faculty member at İskenderun Technical University, as a researcher, and Associate Professor Dr. Müslüm Demir from Boğaziçi University as an advisor.

The project titled “Synthesis, Characterizati-

on, and Supercapacitor Applications of Bimetallic MOF and Bimetallic MOF/MXene Composite Structures in Supercritical CO₂ Environment” focuses on synthesizing bimetallic metal-organic frameworks (MOFs) and their composites with MXene materials using supercritical fluid techniques. The study aims to explore the application of these novel materials in supercapacitors, addressing one of Turkey’s major challenges in the field of energy storage.

PROJECT

TÜBİTAK 2250 LİSANSÜSTÜ BURSLARI PERFORMANS PROGRAMI

LİSANSÜSTÜ BURSLARI PERFORMANS PROGRAMI

2250



Dr. Öğr. Üyesi Utku B. ŞİMŞEK
İstanbul Aydın Üniversitesi

TÜBİTAK 2250 Lisansüstü Bursları Performans Programı 2025 Yılı 1. Çağrısı kapsamında ARDEB ve BİDEB projeleri ve uluslararası yayınlarda göstermiş olduğu başarı nedeni ile 100 puan üzerinden 100 puan alarak desteklenmeye hak kazanmıştır.

TÜBİTAK ARDEB

İSTANBUL AYDIN ÜNİVERSİTESİ

Assistant Professor Dr. Utku Bulut Şimşek Awarded TÜBİTAK Support

Assistant Professor Dr. Utku Bulut Şimşek from the Machine Program at Anadolu BİL Vocational School has been awarded support under the TÜBİTAK 2250 Graduate Scholarships Performance Program 2025, 1st

Call. He achieved a perfect score of 100 out of 100 due to his outstanding success in TÜBİTAK ARDEB and BİDEB projects and international publications.

PROJECT

TURKISH SIDE

ROMANIAN SIDE

Project Coordinator
Assoc. Prof. Dr. Muslum DEMİR
Boğaziçi University

Researcher
Asst. Prof. Dr. Utku Bulut ŞİMŞEK
İstanbul Aydın University

Researcher
Asst. Prof. Dr. Eda AĞGÜL
Osmaniye Korkut Ata University

Project Coordinator
Dr. Alexandra BARGAN
Institute of Macromolecular Chem. Petru Poni Iasi

2569 TUBITAK - Project Title
Silsesquioxane-Based Materials Obtained via Photoinduced Thiol-Ene Reaction for Environmental Applications (CO₂ Capture)

PROJECT ACCEPTED

TÜBİTAK 2569 Romania Bilateral Cooperation Project Supported with Dr. Assistant Professor Utku Bulut Şimşek as Researcher

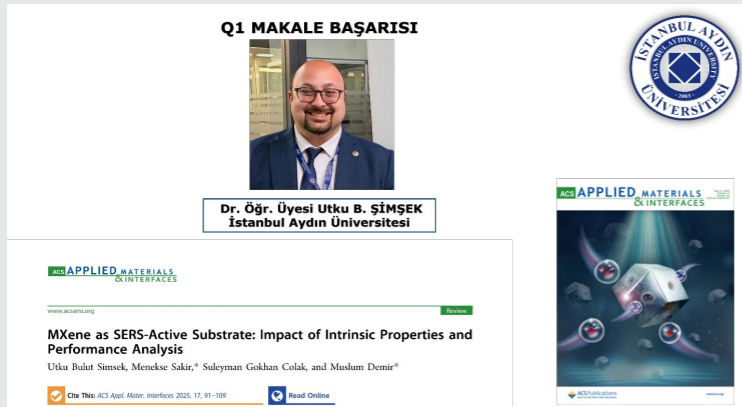
Assistant Professor Dr. Utku Bulut Şimşek from Anadolu BİL Vocational School's Machine Program, as a researcher, is involved in the project titled "Silsesquioxane-Based Materials Obtained via Photoinduced Thiol-Ene Reaction for Environmental Applications (CO₂ Capture)." This project has been granted support within the scope of the TÜBİTAK 2569 Romania Bilateral Cooperation Program with a budget of 2,000,000 TRY.

The project's principal investigator on the

Turkish side is Associate Professor Müslüm Demir from Boğaziçi University, and the second researcher is Assistant Professor Eda Akgül from Osmaniye Korkut Ata University. The Romanian side is led by Dr. Alexander Bargan from the Macromolecular Chemistry Department at the Petru Poni Institute in Iasi.

The study involves the synthesis of silsesquioxane-based materials and investigates their applications in carbon dioxide capture and storage technologies.

ARTICLE



Dr. Utku Bulut Şimşek's Review Article Published in ACS Applied Materials & Interfaces

Dr. Utku Bulut Şimşek, a faculty member of the Machine Program at Anadolu BİL Vocational School, co-authored a review article titled “MXene as SERS-Active Substrate: Impact of Intrinsic Properties and Performance Analysis,” which was published in ACS Applied Materials & Interfaces,

a Q1-ranked journal with an impact factor of 8.5.

The article gives a detailed overview of recent research on using MXene materials, which have high energy levels, as surfaces in Surface-Enhanced Raman Scattering (SERS) applications.

ARTICLE



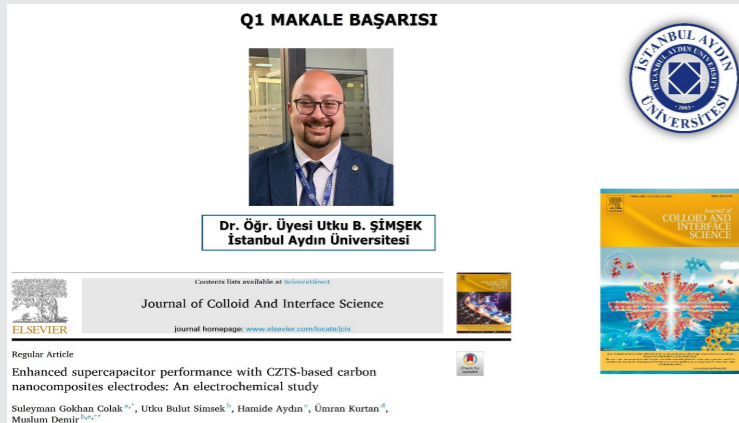
Dr. Utku Bulut Şimşek's co-authored paper is published in the Journal of Energy Storage

Dr. Utku Bulut Şimşek, a teacher in the Machine Program at Anadolu BİL Vocational School, worked with others on a research article called “Role of Phenylendiamine Isomers on Polyaniline Copolymers in Advancing Supercapacitor Electrode Materials: Exploring Electrochemical Performan-

ce,” which was published in the Journal of Energy Storage, a top journal with an impact factor of 8.9.

The study looks at how polyaniline (PANI)-based materials can be used in supercapacitors and checks how well they perform electrically.

ARTICLE



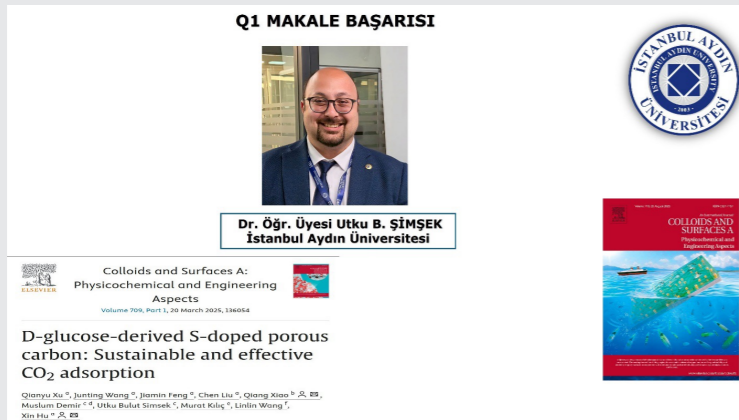
Dr. Utku Bulut Şimşek's co-authored study is published in the Journal of Colloid and Interface Science

Dr. Utku Bulut Şimşek, who teaches in the Machine Program at Anadolu BİL Vocational School, helped write a study called “Enhanced Supercapacitor Performance with CZTS-Based Carbon Nanocomposites Electrodes: An Electrochemical Study,” which was published in the Journal of Colloid

and Interface Science, a top journal with an impact factor of 9.4.

The study looks at how CZTS-based nanocomposite electrodes work in terms of electricity and how they can be used as supercapacitors.

ARTICLE



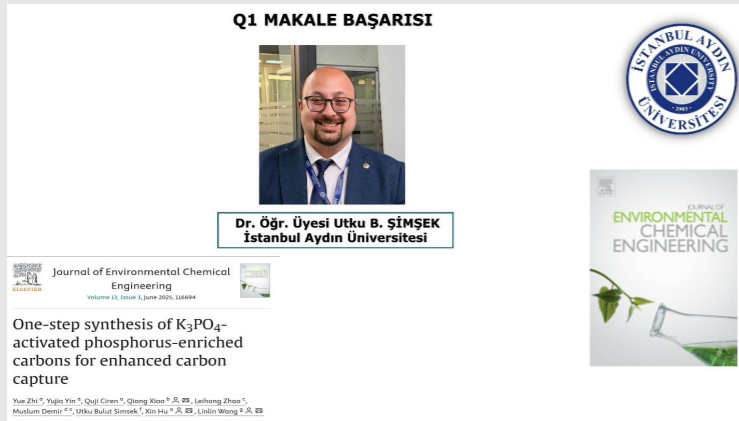
Dr. Utku Bulut Şimşek's co-authored study was published in Colloids and Surfaces A: Physicochemical and Engineering Aspects

Dr. Utku Bulut Şimşek, who teaches in the Machine Program at Anadolu BİL Vocational School, helped write a study called “D-glucose-derived S-doped Porous Carbon: Sustainable and Effective CO₂ Adsorption,” which was published in the journal Colloids

and Surfaces A: Physicochemical and Engineering Aspects, a top-ranked journal with an impact factor of 4.9.

The study investigates the performance of sulfur-doped porous carbon structures in carbon capture and storage (CCS) systems.

ARTICLE



Dr. Utku Bulut Şimşek's co-authored study is published in the Journal of Environmental Chemical Engineering

Dr. Utku Bulut Şimşek, who teaches in the Machine Program at Anadolu BİL Vocational School, worked with others on a study called “One-step Synthesis of K_3PO_4 -Activated Phosphorus-Enriched Carbons for Enhanced Carbon Capture,” which was published in the Journal of Environmental Chemical Engineering, a top journal with an impact factor of 7.4.

The study looks at how to create special carbon materials that are rich in phosphorus using a simple one-step method with K_3PO_4 and tests how well they can capture carbon. In the study, phosphorus-enriched activated carbon was synthesized through a one-step method, and its performance in carbon dioxide capture and storage technologies was investigated.

CONFERENCE PAPER



The study was conducted by Dr. Utku Bulut Şimşek Was Published as a Full Paper at the 14th International Al-Farabi Congress

Dr. Utku Bulut Şimşek, a faculty member of the Machine Program at Anadolu BİL Vocational School, had his study published as a full paper at the 14th International Al-Farabi Congress. In relation to the study, our academician also delivered an oral presentation.

The research focused on the synthesis, characterization, and evaluation of the carbon dioxide capture and storage performance of amine-functionalized bimetallic metal-organic frameworks (MOFs) synthesized under different conditions.

BOOK CHAPTER



Lecturer Selvi Burcu Güler's Book Chapter Published

Lect. Selvi Burcu Güler from the Architectural Restoration Program co-authored a chapter titled "Architecture and Bioeconomy in Agriculture: A Theoretical Framework" with Lect. Ayten Nahide Korkmaz from the Foreign Trade (English) Program. The chapter was published in the book *Green Strategies: Transforming Innovative Concepts into Sustainability*

Fashion Design Program

EVENT



Career Days Week Event: An Inspiring Career Talk at Kandilli Girls High School

During Career Week at Kandilli Girls' High School, Lecturer Aycan Öktem delivered an inspiring seminar for students. The presentation highlighted the importance of gaining experience over time, overcoming challenges, and maintaining motivation throughout one's career. Aycan Öktem shared her professional journey and the story behind the Atelier1st brand, offering genuine insights on "how to build a brand." The seminar also covered design processes, fostering creativity, and sustaining motivation for aspiring designers. At the end, she thanked the teachers, especially Guidance Counselor Aynur Deveci, and expressed her appreciation for the students' keen interest.



EVENT



Students Visited Pera Museum Exhibition

Under the guidance of Instructor Aycan Öktem, students from Istanbul Aydın University's Fashion Design Program visited the Pera Museum as part of the "Fashion Installation and Art Management" course. This meaningful activity allowed students to re-

inforce their theoretical knowledge through direct experience with art. Instructor Öktem expressed her satisfaction, stating that seeing, feeling, and interpreting art on-site nurtures students' creativity, and she thanked all participants for their enthusiastic engagement.

EVENT



Industry Advisory and Information Program Meeting

The Industry Advisory and Information Program Meeting was successfully held to support students' professional development, determine education strategies aligned with sector expectations, and strengthen university-industry collaboration.

The meeting was chaired by Program Head Instructor Nihal Bolkol, with contributions from Program Deputy Head Instructor Ayten Gedik, Dr. Instructor Emine Eryazıcı, Instructor H. Erhan Şanal, Instructor Necla Yılmaz, and Instructor Belgin Arıt. Metin Saltık, Design Director of Ramsey -one of the leading brands in the fashion industry- shared valuable insights on current trends, workforce expectations, and graduate profiles, emphasizing key points students should focus on to prepare for the sector.

WORKSHOP



High Interest from Fashion Design Students in the GIZIA Accessories Workshop

The workshop was held in collaboration with the GIZIA Design Center and featured participation from industry experts. The event included Göksu Öğütücü (Design Center Manager), Asena Kılıçaslan (Design Center Director), Associate Professor Mustafa Sabri Özen (Design Center Consultant), and Design Center staff Kadir Aydın and Hacıkız Işık.

Organized for students in the fashion design program, the GIZIA Accessories Workshop attracted great interest as part of sectoral collaborations. Throughout the workshop, discussions focused on accessory design pro-

cesses, material knowledge, sector expectations, and creative applications. Students had the opportunity to gain theoretical knowledge and engage in hands-on practice.

At the end of the event, Fashion Design Program faculty members presented certificates of appreciation to the GIZIA Design Center for their contributions. Program Head Instructor Nihal Bolkol, Instructor Muhsine Gülgün Tekin, Associate Professor Mustafa Sabri Özen, Dr. Instructor Emine Eryazıcı, and Instructor Esra Kaya delivered the certificates and expressed their satisfaction with the collaboration.

WORKSHOP



6th International Basma Fistan Giyerim Art Workshop

Instructor Hüsnü Erhan Şanal participated in the 6th International “Basma Fistan Giyerim” Art Workshop held in Baku, Azerbaijan. Representing our university and country with success, Instructor Şanal contributed to this event, which promotes cultural interaction and collaboration through the universal language of art. The workshop gathered academics, artists, and researchers from many countries, showcasing diverse artistic productions. Instructor Şanal also attracted attention with his original works during the event.

EVENT



Instructor Aycan Öktem Showcased Ancient Siirt's Cultural Heritage at the Ethnosport Culture Festival

At the Ethnosport Culture Festival held at Istanbul Atatürk Airport, Instructor Aycan Öktem attracted considerable attention with her collection inspired by the ancient rug patterns of Siirt. This international festival, bringing together diverse cultures, offered visitors a design journey bridging tradition and the future. Öktem's designs reflected the rich cultural heritage of Southeastern Anatolia, with contemporary interpretations of Siirt's rug motifs standing out. The exhibition showcased how traditional patterns meet today's fashion language, marking an important step in preserving cultural values. The stand was visited by Presidential Advisor Mr. Ömer Çelik, parliament members, and many political figures. Additionally, in a special interview with Anadolu Agency, the process of adapting endangered traditional arts to modern times and the story behind the collection were shared with the public.

EXHIBITION



Tuba Ergin's sustainable designs are displayed at the Fashion Design Department

Renowned in the fashion world for her contemporary and eco-friendly approach, sustainable artist and designer Tuba Ergin's bags made from recycled car tires were exhibited at our university's Fashion Design Department, attracting tremendous interest. As the department, we are proud to connect our students with creative works that carry environmental responsibility and to host the esteemed designer Tuba Ergin.



EVENT



Information Meeting Held for the 20th Anniversary Alumni Reunion of the Fashion Design Program

An information meeting was held in preparation for the upcoming “Alumni Reunion” event celebrating the 20th anniversary of our university’s Fashion Design Program. The meeting aimed to honor the program’s history and discuss the planned event details. Attendees included the University Secretary General Sabahattin Kutlu, Student Dean Dr. Özgül Yaman, Fashion Design Program Head Instructor Nihal Bolkol, Dr. Emine Eryazıcı, Instructor Esra Kaya, Corporate Communication and Marketing Director Berivan Pekşen, Press and Public Relations Deputy Director Aybüke Kardelen Kartal, and Visual Design Director Nabi Sarıbaş.

Discussions focused on the program’s 20-year journey, establishing a communication network with alumni, event planning, and areas where graduates can contribute. Participants expressed hopes that the reunion will serve not only as a celebration but also as an interactive platform bridging alumni and current students.

EVENT



May 29 Academic Meeting

The 2024-2025 Spring Academic Meeting was held with the participation of Fashion Design Program Chair Instructor Nihal Bolkol and faculty members Instructors Aytan Gedik, Muhsine Gülgün Tekin, Dr. Instructor Emine Eryazıcı, Esra Kaya, Erhan Şa-

nal, Associate Professor Mustafa Sabri Özen, Aycan Öktem, Necla Yılmaz, Mehmet Kerim Bayri, Belgin Arıt, and Hamide Mehtap Veziroğlu. The meeting covered detailed discussions on education, teaching, administration, and student affairs.

SPEECH



Journey to Artificial Intelligence: Exploring Future Technologies Today

The speech was titled, “How Does a Machine Learn?” A Brief Journey into Artificial Intelligence,” organized by Istanbul Aydın University Anadolu Vocational School’s Electronics Technology and Automotive Technology Programs, was held on Monday, May 26, 2025, in the T Block Purple Hall with a large attendance.

The guest speaker, data science and big data expert Mr. Emre Güleriyüz, shed light on the development process of machine learning and artificial intelligence technologies. He shared valuable insights with our students regarding current applications and the future potential of these fields.

During the speech, which attracted considerab-

le interest from students, fundamental concepts related to artificial intelligence, learning algorithms, and examples of industrial applications were discussed with striking illustrations.

At the conclusion of the event, Mr. Emre Güleriyüz was presented with a plaque in recognition of his contributions.

This event served as an important opportunity for our students to stay abreast of the latest technological advancements, raise awareness about fields that will shape the future, such as artificial intelligence, and gain inspiration through direct interaction with industry experts.

FAIR



Students Attend WIN EURASIA 2025

Students from Istanbul Aydın University Anadolu Vocational School’s Automotive Technology Program participated in the WIN EURASIA 2025 Fair, held at the Istanbul Expo Center from May 28 to 31, 2025.

Recognized as one of the largest events in the Eurasian region in the fields of industrial and production technologies, WIN EURASIA offers a comprehensive platform showcasing industrial automation, digitalization, energy systems, robotic

applications, and many other innovative solutions.

Through this significant fair, our students had the opportunity to closely observe the latest developments in the industry and explore cutting-edge technological products.

The student group examined applications that are highly significant for the future of automotive technology and engaged directly with sector representatives, gaining valuable insights and practical exposure to current industry dynamics.

EVENT



A gastro-History Tour by the Tourism Guidance Department

As part of the first-ever Gastro-History Tour organized by the Tourism Guidance Program at Istanbul Aydın University, Program Chair Dr. Gözde Özdemir Uçgun guided her students through significant culinary and historical landmarks in Küçükçekmece, offering insights into the field of gastronomy tourism.

The locations visited during the tour included both tasting stops and sites of historical or archaeological interest:

The tour included visits to the Historic

Cennet Pickles Shop, Imzalı Museum, Contrast Exhibition, Cennet Pastries, Yarımburgaz Cave, various historic bakeries and butcher shops in Küçükçekmece, Küçükçekmece Bridge, Mavran Island, Garip Dede Shrine, and Yılmaz Meat Restaurant.

This experiential learning activity provided students with a unique opportunity to explore the intersection of culinary heritage and historical narratives within the context of tourism.

EVENT



The Tourism Guidance Department will support World No Tobacco Day on May 31.

The Tourism Guidance Department will support World No Tobacco Day on May 31, a global event recognized by the World Health Organization (WHO) member states since 1987 to raise awareness about the harmful effects of tobacco use.

This year, students from the Istanbul Aydın University Tourism Guidance Department participated in an event organized by

Dr. Gözde Özdemir Uçgun, a 13-year member of the Turkish Anti-Smoking Association (TSSD). By joining the initiative and promoting anti-smoking slogans, the students contributed to raising awareness on this significant day.

Visuals and videos from the event were also shared through TSSD's official social media accounts.