



September 2026

ANADOLU BİL VOCATIONAL SCHOOL



e-newsletter

R.T.

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We Evaluated Our International Academic Activities

Ayten Nahide Korkmaz, Head of International Development, Monitoring, and Coordination—and Coordinator for ABMYO International Academic Affairs and IAU Joint Diplomas—spoke about our international goals and provided an update on our progress during the meeting she attended. We extend our thanks to our international office team and all our faculty members.

Anadolu BİL Vocational School



Dr. Öğretim Üyesi Güven Özdemir

Assistant Professor Dr. Güven Özdemir commented on El Niño's impact on Turkey.

El Niño is intensifying, and all eyes are on Turkey: A critical warning for autumn! What will the weather be like this week?

El Niño is expected to strengthen further throughout the autumn. Forecasts suggest that the 2026–27 El Niño event could be one of the strongest recorded in over 80 years. For Turkey, key factors to watch include warm seas, high humidity, potential cold air arriving from the Balkans, and fluctuating jet streams. So, what will the weather be like in Turkey in the coming days, before El Niño's effects fully take hold this autumn? Meteorology expert Dr. Güven Özdemir spoke exclusively to Hürriyet.com.tr about the autumn season, highlighting the months of October and November in particular.

Global attention is focused on the intensifying El Niño in the tropical Pacific Ocean. The unusual rise in sea surface temperatures is viewed as a precursor to a phenomenon capable of affecting not

only the Pacific region but also global temperatures and atmospheric circulation.

It is reported that this year's El Niño has not yet peaked; it is expected to continue strengthening



throughout the autumn and could reach extraordinary levels in December, when it typically hits its maximum intensity. According to some forecasts, the 2026–27 El Niño could be the strongest on record since systematic record-keeping began over 80 years ago. One of the key indicators of El Niño's strength is sea surface temperature in the tropical Pacific.

'October May Be The Most Interesting Month Of Autumn'

In his assessment regarding October, Özdemir stated the following:

"October may prove to be the most interesting month of autumn. The models are particularly noteworthy in this regard. The August update from Copernicus signals a wetter-than-average autumn for southern and western Europe. At the same time, there is a high probability of above-normal temperatures across much of Europe. The Turkish State Meteorological Service's (MGM) forecast for October also predicts higher-than-normal precipitation across Turkey."

Özdemir pointed out that when these two forecasts are considered together, the weather pattern likely to emerge for Turkey might not be a "cool and rainy autumn" in the traditional sense.

According to the expert, Turkey is more likely to experience a weather pattern characterized by mild, humid, and—at times—very rainy conditions:

"When we consider these two forecasts together,

her, the likely scenario for Turkey is: mild + humid + occasionally very rainy. In other words, temperatures will drop, but precipitation will begin. Rather than a classic 'cool and rainy autumn,' it may instead be an autumn that fluctuates between hot, very hot, sudden cooling, heavy rain, and mild conditions again."

Warm Seas Can Increase The Risk Of Rainfall.

Sea temperatures will be one of the most critical factors for Turkey this coming autumn. High sea surface temperatures—particularly in the Mediterranean and the Black Sea—can lead to increased atmospheric moisture loading. Enhanced evaporation from the warm sea surface results in a greater transfer of moisture into the atmosphere. Atmospheric instability can intensify if the atmosphere begins to cool with the onset of autumn while, simultaneously, colder air masses from the north reach Turkey.

Dr. Güven Özdemir also drew particular attention to this point:

"There is a high potential for precipitation. Sea surface temperatures in the Mediterranean and the Black Sea play a crucial role here. The seas remained exceptionally warm throughout the summer. As the atmosphere begins to cool, the amount of moisture transferred from these warm seas into the atmosphere increases."

Özdemir noted that the interaction between moisture rising from warm seas and a cold air mass moving in from the Balkans could create





atmospheric conditions conducive to heavy rainfall, and highlighted the following points:

“For instance, high Mediterranean temperatures lead to increased evaporation. Consequently, atmospheric moisture levels rise, and the processes of uplift and convection intensify as cold air arrives from the Balkans.

This dynamic can increase the likelihood of weather systems forming—particularly during the autumn months—that are capable of dumping large amounts of rain in a short period.”

The Intensity Of The Shower May Be More Important Than The Total Rainfall

For Turkey, looking solely at the total amount of precipitation this coming autumn may not be sufficient. The crucial factor to consider is the intensity of the rainfall and the short timeframe in which it occurs. Dr. Güven Özdemir also emphasized the need to closely monitor the intensity of downpours during the October-November period:

“During the October-November period, the intensity of downpours may be more significant than the total precipitation. The role of El Niño is also a key factor here. This is extremely important, as the period when El Niño reaches its peak stren-

gth coincides exactly with October, November, and December.

Pay Attention To The Second Half Of November

While October stands out in the early part of autumn, the second half of November, in particular, will be closely monitored regarding atmospheric conditions. However, experts state that it is impossible to make a definitive weather forecast for November at this stage. Although uncertainty in long-range forecasts decreases over time, the precise timing and location of specific weather systems will only become clear through short- and medium-term forecasts. Nevertheless, current climate and atmospheric indicators suggest that the second half of November could be noteworthy.

Dr. Güven Özdemir, Faculty Member and Meteorology Expert at Istanbul Aydın University

In his assessment of this period, Dr. Güven Özdemir stated the following:

“It is too early to speak definitively about November. However, if the pattern involves a continuation of the mild autumn, increased precipitation, and occasional surges of strong cold air, we need to pay particularly close attention to the second half of the month. This is because, during that period, El Niño will intensify, polar cooling in the Northern Hemisphere will increase, the jet stream may become more volatile, and our seas—especially the Mediterranean—will remain warm.”

NEWS SOURCE: www.hurriyet.com.tr Ismail SARI / September 7, 2026



Banking and Insurance Program lecturer Korkmaz Keskendir and Foreign Trade (English) Program lecturer Atila Er met with the founders of KTY Insurance

During the meeting, discussions were held on fostering industry-academia collaboration. The conversation addressed ways for students to gain closer insight into industry developments, supplement their theoretical knowledge with practical application, and strengthen educational activities to align with the expectations of the business world. Furthermore, the interrelationship between the insurance,

banking, and foreign trade sectors was examined, and ideas were exchanged regarding potential talks, career events, technical trips, internships, and joint projects involving industry representatives. The meeting was noted as a significant step toward establishing new collaborations that will contribute to the students' professional development.



An article by Korkmaz Keskendir, published in *Ekovitrin* magazine:

The Current State Of Accountants In Türkiye

Korkmaz Keskendir, a lecturer in the Banking and Insurance Program at Istanbul Aydın University, emphasizes in his statements that frequent changes in tax legislation complicate the compliance process.

Accounting professionals work under intense pressure due to increasing legislative changes, client demands, and heavy workloads. Industry representatives are calling for comprehensive reforms covering everything from education to remuneration policies.

In Turkey, the accounting profession is regulated under Law No. 3568, comprising the roles of Certified Public Accountant (SMMM) and Sworn-in Certified Public Accountant (YMM).

While the accounting profession—operating under Law No. 3568—has become faster due to digitalization, workloads and responsibilities have increased significantly. Constantly updated tax legislation and reporting obligations have intensified the pace of work



for professionals.

Increasing workload: The rising workload and structural issues within the accounting sector highlight the need to reorganize the profession. Experts state that reforms are required to both alleviate the burden on professionals and ensure the system becomes more sustainable.

Client pressure and time management issues: Industry representatives note that time management and client pressure are among the primary challenges faced by accountants. The widespread perception that “the accountant handles everything” is leading to the blurring of professional boundaries.

Expectations for solutions in the sector: Prominent proposals for solutions include increasing in-service training, making internships more practical, ensuring legislative stability, and considering a standard fee policy.

Korkmaz Keskendir also notes that professional organizations need to achieve a stronger and more independent structure.

“Pressure to understate my tax liability undermines motivation”: Keskendir states, “On the other hand, the fact that accounting fees are paid by the clients effectively places those clients in a position of authority. Consequently, professionals face pressure from clients, which hinders their ability to make objective decisions. Believing that the accountant generates all the data, clients may act based on the mindset of ‘minimizing my tax payment.’ ...and spoke as follows:

“As a result, certain issues may arise in taxation. Professionals may find themselves unable to meet

every incoming request. This situation leads to a loss of motivation.

Proposed solutions: Experts and industry representatives highlight the following suggestions:

- Increasing in-service training,
- Making internship processes more practical/hands-on,
- Ensuring stability in tax legislation,
- Evaluating standard fee policies for professionals,
- Developing digital accounting systems,
- Ensuring professional organizations operate more actively and independently.

Accountants’ expectations of clients: Korkmaz Keskendir stated, “Today, accountants do not merely process financial transactions; they also handle all manner of clerical work for their clients. Consequently, most employers want their accountants to handle their financial transactions. Handling all these tasks leaves little time for the accountant’s own core work. Therefore, attention must be paid to the following points,” and listed the accountants’ expectations of their clients as follows:

- Responsibility should be shared jointly,
- Fees must be paid in full and on time,
- Clients should handle non-accounting tasks themselves,
- Respect for working hours is essential; the mindset that ‘I can get my work done at any hour’ is incorrect,
- Accountants should not be given orders or instructions that violate the law, and professionals must refuse to carry out unlawful orders.



Zafer Toprak Commemoration Conference

Assoc. Prof. Dr. E. Tutku Vardağlı, Head of the Foreign Trade (English) Program, participated as a speaker in the “Zafer Toprak Commemoration Conference,” held on September 26–27, 2026, in collaboration with IBB Culture Inc. and the History Foundation. Over the course of two days, the scholarly legacy of the late Prof. Dr. Zafer Toprak—one of Turkey’s leading economic historians—was examined with the participation of the academics he mentored and his close colleagues, as well as representatives from the media, business, and political spheres.



**İSTANBUL AYDIN
ÜNİVERSİTESİ**



SSCI-SCOPUS Q1-WoS

Makale Adı: **Risk-adjusted optimization and diversification effects of cryptocurrencies in multi-asset portfolios: a simulation-based and copula-driven approach**

Dergi: **Journal of Business Economics and Management**

Indeks: **SSCI-SCOPUS Q1-WoS Q1**

Yayın Tarihi: **Eylül 2026**

Öğr. Gör.
Ayten Nahide KORKMAZ
Dış Ticaret(İngilizce)



Q1-WoS-SCOPUS PUBLICATION

A Q1-indexed article by Ayten Nahide Korkmaz, a lecturer in the Foreign Trade (English) Program, has been published in journals indexed by Web of Science and Scopus.

Our article, titled “Risk-Adjusted Optimization and Diversification Effects of Cryptocurrencies in Multi-Asset Portfolios: A Simulation-Based and Copula-Driven Approach,” was published in the *Journal of Business Economics and Management*—a Q1-category journal indexed in Web of Science (SSCI) and Scopus.

Our study demonstrates that, although crypto assets carry higher risk on their own, they can contribute to diversification and risk reduction when included in multi-asset portfolios with controlled weightings.



Exchange of information and experience with Lecturer Dr. Uğur Yücel as part of the review of the Electronics and Automation Department laboratories.



“Best Practice” and Technical Review Visit to Kocaeli University Hereke Vocational School

Faculty members from the Anadolu Bil Vocational School’s Electricity Program—Asst. Prof. Dr. Hamdi Emre BAĞIRAN and Lecturer Yasemin SELİM SARAL—visited Kocaeli University Hereke Vocational School to examine best practices in vocational and technical education firsthand and to share experiences, particularly regarding laboratory infrastructure and applied training processes.

During the visit, which took place on September 10, 2026, the team met with Lecturer Dr. Uğur YÜCEL, a faculty member in the Electronics and Automation Department whom they had previously met during a quality assurance process. The meeting facilitated a comprehensive exchange of information and experience regarding the development of applied courses, the establishment and effective use of laboratory infrastructure, and practices adopted within quality processes.

As part of the visit, the laboratories and practical training areas within the Electronics and Automation Department were inspected on-site; information was gathered regarding the educational equipment used, the physical infrastructure of the laboratories, and ongoing development initiatives. This provided an opportunity to observe and evaluate various practices aimed at en-

hancing the applied courses and existing laboratory infrastructure of the Electricity Program.

In a presentation delivered by Lecturer Dr. Uğur YÜCEL, detailed information was provided regarding the academic and administrative structure, physical infrastructure, ongoing projects, and quality processes of both Hereke Vocational School and the Electronics and Automation Department. In addition, the discussion covered activities undertaken in preparation for quality processes, the tools developed and utilized to monitor these processes and ensure their sustainability, and plans for future initiatives.

The technical review and information exchange yielded significant benefits regarding the strengthening of applied training within the Electricity Program, the enhancement of laboratory activities, and the evaluation of various methods applicable to quality processes.

Furthermore, the meeting explored opportunities for ongoing academic communication and collaboration between the two programs, facilitating an exchange of views on potential future joint projects. The visit proved productive, fostering the sharing of best practices and experiences among vocational schools and reinforcing the commitment to practice-oriented education.



Key Technologies for Autonomous Vehicles: AI-Enabled Sensing with Mark Jain

Thu, Sep 24, 2026 • 8:00 AM - 9:00 AM GST

Hello **Fatemeh Khosravi Pourian**, thank you for accepting the invitation to speak on "Key Technologies for Autonomous Vehicles: AI-Enabled Sensing with Mark Jain."

Lecturer Fatemeh Khosravi Purian's Expert Talk and Project Advisory Role at the IEEE Transportation Electrification Council

Lecturer Fatemeh Khosravi Purian participated as an invited speaker in the expert seminar titled "Critical Technologies for Autonomous Vehicles: AI-Powered Perception," organized by the IEEE Transportation Electrification Council. She was also appointed to the role of Project Advisor within the scope of the event.

At this international event—which addressed the deployment of autonomous vehicles in complex urban environments and the associ-

ated infrastructure challenges—Dr. Khosravi Purian delivered a comprehensive presentation on multi-sensor fusion architectures, data-driven development processes, and closed-loop evaluation methods designed to ensure the safe field performance of laboratory models.

The seminar also examined the critical role of participation in open-source ecosystems and scalable data infrastructures in bridging the gap between academic research and industrial commercialization.



Commendation for Outstanding Reviewing to Lecturer Fatemeh Khosravi Purian from the Prestigious *WSEAS Transactions on Systems* Journal

★ WSEAS Transactions on Systems* (Scopus-indexed)—an international, peer-reviewed journal and one of the most established and respected publications in the field of engineering systems—has issued an official document expressing appreciation for the valuable contributions and expert peer-review work of Istanbul Aydın University researcher Lecturer Fatemeh Khosravi Purian.

In the document, the journal's Editor-in-C-

hief, Elena Triantafyllou, commended Lecturer Khosravi Purian for the meticulous evaluations and constructive suggestions she provided while reviewing articles in the field of artificial intelligence; she further emphasized the critical role such high-quality peer-review processes play in upholding scientific integrity, ensuring academic reputation, and enhancing the quality of WSEAS publications.



Power Electronics-informed Energy Management for EV Charging: A Hardware in-the-Loop Perspective with Nataly Banol Arias

Mon, Sep 21, 2026 6:00 PM - 7:00 PM GST

Dr. Fatemeh Khosravi Purian,

We sincerely thank you for accepting our invitation to deliver a speech at the specialized webinar "Power Electroing for EOv Invesement Focusing Largware in-the-Loop Perspective," festuring Dr. Nataly Arias.

We are also proud to announce that Dr. Fatemeh Khosravi Purian from Istanbul Aydin University has been selected as an official advisor to this research project in the San Francisco Bay Area and is collaborating in this international scientific program.

This specialized webinar focuses on the future of urban electrification, advanced energy management strategies, and kardware in-the-loop (HIL) simulation for electric vehicles (E9) charging infrastructure. The program addresses key technicin including EV power distribution, real-time grid integration, hardware testing, and dynamic lead control. The research presents an Innovative framework for electric vehicle charging cosseent, analyzing power electronic applications at the grid interface to meet real-world distribution constraints.

Major International Success: Lecturer Fatemeh Khosravi Purian Appointed as Official Consultant for an Advanced Research Project in the San Francisco (Silicon Valley) Region

In a highly prestigious global scientific development, the IEEE Transportation Electrification Council issued an official statement thanking Istanbul Aydın University faculty member Fatemeh Khosravi Purian for her presentation on energy management in electric vehicles and announcing her appointment as an Official Advisor to an international research project based in the San Francisco Bay Area. Conducted jointly with Dr. Nataly Banol Arias, this international webinar and research project focuses on key topics shaping the future of urban transportation: advanced power electronics and energy

management strategies for electric vehicle charging infrastructure; Hardware-in-the-Loop (HIL) simulation for real-time system testing and evaluation; and real-time grid integration and dynamic load control to address real-world distribution constraints. This official appointment and scientific collaboration—taking place in the San Francisco Bay Area, one of the world's premier technology hubs—once again highlights the global leadership and significant impact of these distinguished researchers in the fields of electric vehicles and next-generation energy technologies.



Commendation for the Successful Peer Review Work of Lecturer Fatemeh Khosravi Purian for the WSEAS International Journal

The international peer-reviewed journal *WSEAS Transactions on Systems and Control* (Scopus-indexed) has formally acknowledged the meticulous, comprehensive, and valuable contributions made by Lecturer Fatemeh Khosravi Purian (Istanbul Aydın University) to the scientific article review process. In the letter of appreciation conveyed by the journal's Editor-in-Chief, Elena Triantafyllou, emphasis was placed

on the significance of the in-depth evaluations, insightful questions, and constructive suggestions provided by Lecturer Khosravi Purian through her line-by-line analysis of the manuscript. Furthermore, the critical role that such high-quality peer review processes—adhering strictly to academic principles—play in upholding the scientific quality and credibility of both the journal and the WSEAS publishing group was highlighted.



Technical Trip from the Electronic Technology Program to EXPO 3D Istanbul Fair

Faculty members and students from the Anadolu BİL Vocational School's Electronics Technology Program took a technical field trip to the EXPO 3D Istanbul Fair, held from September 17 to 19.

During the trip, students had the opportunity to examine emerging 3D printing technologies and the integration of these manufacturing tools with the electronics sector firsthand. In particular, they received information from company representatives on how 3D printers are utilized in the processes of prototyping electronic projects and manufacturing protective casings. The trip proved highly productive, enabling students to connect their theoretical knowledge with practical production processes.



Participation in an International Congress by Our Electronics Technology Program Faculty Members

A research team—including Lecturers Şahin Altuntaş and Tankut Kurt from the Electronics Technology Program—participated in the MEETCON-BURJ 6th International Congress on Innovative Approaches.

At the congress, the team presented a paper titled “Effect of Al₂O₃ Nanoparticle

Addition to Distilled Waste HDPE Oil–Diesel Blends on Brake-Specific Fuel Consumption.” Focusing on the performance of waste plastic derivatives in fuel blends, this study contributes to current research in the field of alternative energy systems and to the international literature.



Asst. Prof. Dr. Meriç Kılınç presented a paper at the International Quality Assurance and Accreditation Conference organized by YÖKAK

Asst. Member Meriç KILINÇ presented his study titled “The Digital Divide in Higher Education in the New Media Age: A Comparative Analysis on Artificial Intelligence Licensing” at the 2nd International Quality Assurance and Accreditation Conference organized by the Higher Education Quality Board.

In this study, the integration of generative artificial intelligence into higher education was addressed not merely as an IT issue, but as a matter of institutional reputation management and strategic communication processes within the new media ecosystem, and recommendations for national quality policy were presented.



Student Orientation Meeting for the 2026–2027 Academic Year

An orientation meeting was held for new students joining the Construction Technology Program at Anadolu BİL Vocational School at the start of the 2026–2027 academic year.

During the meeting, attended by the program’s faculty members, students were provided with essential information regarding the program’s educational structure, coursework, laboratory and practical activities, academic procedures, student responsibilities, and university life. By addressing the students’ questions, the aim was to ensure they began their academic journey with greater awareness and a smoother transition.



Events attended in September by Program Head Lecturer İdil Şahin on behalf of the ABMYO Air Logistics Program.

11th Economy and Logistics Summit

The event was organized by UTA Logistics Magazine—which has been publishing monthly in the sector for 32 years—at the Sheraton Grand Ataşehir Istanbul on September 2–3, 2026, with the participation of the Ministry of Transport and Infrastructure as well as sectoral unions and associations. Key topics on the agenda included the integrated logistics ecosystem, the role of a robust logistics ecosystem in global competition, and strategic transformation within the logistics ecosystem. Now in its 11th year, the Economy

and Logistics Summit—which has long brought together the business world, the public sector, and the logistics industry—addressed the parameters of the transformations occurring in the global logistics ecosystem and their impact on Turkey. It also examined Turkey’s adaptation to these changes, actions taken and those still required, and the new conditions shaped by global competition under the main theme: “Logistics in the Era of Global Crises: Transformation and Global Competition in the Supply Chain Ecosystem.”



SCP Club - S&OP Online

The event was held on September 23, 2026, at the Makina Hangar Engineering and Technology Center under the auspices of the SCP Club, in collaboration with LODER and Slimstock.

Through an interactive S&OP game, participants experienced how various departments—such as sales, supply chain, operations, and finance—collaborate toward shared goals. The event involved making decisions in response to changing scenarios

and observing their impact on the company’s overall performance, while demonstrating how S&OP aligns different departments around a common objective.

This interactive S&OP game, which mirrors real-world business dynamics, provided an opportunity to balance departmental priorities, engage in collaborative decision-making, practice cooperation, communication, and planning, and witness firsthand the consequences of the decisions made.



European Transport and Logistics Leaders Forum

The European Freight and Logistics Leaders' Forum, co-organized by Loder, was held at Yapı Kredi Plaza on September 24–25, 2026. Centered on the theme “Turkey: Key Customer, Supplier, and Partner,” the event served as a platform to discuss and explore market opportunities and value-creation strategies arising from Turkey’s position and role within the changing global supply chain landscape. Bringing together the international logistics community, the event concluded with a dinner hosted by Railport at Istanbul Modern. The first day featured an opening session, conferences, panels, and group workshops, while the second day was dedicated to technical visits.

LODER LOJİSTİK DERNEĞİ

TREYLER SANAYİCİLERİ DERNEĞİ **Teder**

DEPODER

Lojistik Sektörü Boğazda Tekne Gezisinde Buluşuyor

BİRLİKTE DAHA GÜÇLÜYÜZ

Sektörümüzün değerli temsilcileriyle Boğaz'ın eşsiz manzarasında bir araya geliyor, güçlü iş birlikleriyle geleceğe yön veriyoruz.

Bu özel günde sizleri de aramızda görmekten mutluluk duyarız.

TARİH
29 Eylül Salı

KALKIŞ
19:00 Balat
19:30 Kadıköy Rıhtım

DÖNÜŞ
23:00

KOKTEYL'Lİ MENÜ

IKRAMLAR • Peynir çöpi (2 çeşit) • Yeşil zeytin • Patates çipsi • Sarımsaklı ciğer • Karışık kuru yemiş • Dilim havuç ve salatalık özel sos ile birlikte • Çiğ domates	SICAK IKRAMLAR • Mücver • Misket köfte • Yaprak sarma • Paçanga böreği	MEYVE • Mevsim meyveleri (3 çeşit)	İÇECEKLER • LİMİTSİZ alkolsüz içecekler
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4PL

LOJİSTİKLERİN SESİ

Boğaz'da keyifli bir akşam sizi bekliyor!

Boat Trip

The boat event held on September 29, 2026, at the invitation of the Loder Logistics Association provided an opportunity to strengthen ties with existing contacts from the industry and academia, as well as a chance to establish new collaborations.



Lecturer Necdet Yakut Completed His Doctoral Studies



Necdet Yakut, a lecturer in the Machinery Program at Anadolu Bil Vocational School, successfully completed his doctoral studies within the Department of Mechanical Engineering at the Graduate School of Science and Engineering of Yıldız Technical University.

Yakut earned the title of Doctor (Dr.) after successfully defending his doctoral thesis, titled “Drilling of Carbon Fiber Reinforced Polyetheretherketone Matrix Composites Using Conventional and Non-Conventional Methods and Optimization of Hole Quality.”

His doctoral research investigated the machinability of carbon fiber-reinforced polyetheretherketone (CF/PEEK) thermoplastic composites—materials distinguished by high mechanical performance and recyclability, with significant potential for use in aerospace, automotive, and advanced engineering

applications. The study addressed the drilling of these composites using both conventional and non-conventional methods, the evaluation of cutting forces, temperature, surface roughness, dimensional accuracy, and hole damage, as well as the optimization of process parameters.

By combining experimental work with statistical analysis and optimization methods, the research demonstrated the effects of various cutting parameters, tool geometries, and machining conditions on hole quality in CF/PEEK composites. The findings aim to provide scientific and practical contributions to the machining of CF/PEEK composites for engineering applications requiring high precision and joint reliability. The doctoral study contributes to academic work in the fields of advanced engineering composite processing and sustainable manufacturing processes, while simultaneously adding value to the vocational training and applied research activities at our university.



21st International Conference on Machine Design and Production
19–21 August 2026, Istanbul, Türkiye

NOTES ON HYBRID MANUFACTURING METHODS (87)

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ABSTRACT

Hybrid manufacturing has developed rapidly since the 1990s and has become an attractive route for producing complex geometries that require simultaneous control of many process parameters. CIRP defines hybrid manufacturing as combining two or more manufacturing technologies in a new system so that their advantages are used in an integrated manner; different chemical, physical, or controlled principles may operate simultaneously in the same processing zone. This review evaluates the industrial scope, benefits, environmental sensitivity, and sustainability of hybrid methods and discusses their future potential as suitable machine tools and integrated processes continue to emerge.

Keywords: Hybrid manufacturing, Advanced manufacturing, Sustainability

International Paper on Hybrid Manufacturing Methods by Lecturer Necdet Yakut

Necdet Yakut, a lecturer in the Machinery Program at Anadolu Bil Vocational School, presented his academic work at the 21st International Conference on Machine Design and Production (UMTİK 2026), held in Istanbul from August 19–21, 2026.

The study titled “Notes on Hybrid Manufacturing Methods”—prepared by Yakut in collaboration with Assoc. Prof. Dr. Orhan Çakır, Tuğçe İşgüzar, and Mohammad Zaher Akkad—was shared with conference participants.

The study examined hybrid manufacturing methods, which are gaining increasing importance among today’s advanced manufacturing technologies. It evaluated the potential of the hybrid manufacturing approach—defined as the combination of advantages from two or more

manufacturing technologies within a single integrated production system—regarding the production of complex geometries, process control, and the enhancement of production performance.

Furthermore, the research addressed the industrial application areas, advantages, environmental impacts, and significance of hybrid manufacturing methods for sustainable production, while also assessing the future potential of hybrid manufacturing in light of evolving machine technologies and integrated production processes.

The study “Notes on Hybrid Manufacturing Methods” stands out as a significant contribution to Necdet Yakut’s academic work in the fields of advanced manufacturing technologies and sustainable production.



“From Yeditepe To Nine Islands” Fashion Show Staged At The Ufrad Brand Summit

The “From the Seven Hills to the Nine Islands” (*Yeditepe'den Dokuz Ada'ya*) collection, created by Istanbul Aydın University Fashion Design Program students as part of their 2026 graduation project, was showcased in a fashion show at the UFRAD Brand Summit and Franchise Awards 2026, held on Thursday, September 10, 2026, at Taşyapı Şişli. The project aimed to interpret Istanbul's historical and cultural heritage through a contemporary design approach. By holisti-

cally managing processes such as conceptual research, cultural reference analysis, material selection, pattern making, and execution, the students developed original designs inspired by tile motifs, maritime aesthetics, and structural silhouettes. The project facilitated the synthesis of theoretical and practical knowledge acquired throughout the program and offered students the opportunity to showcase their professional competencies in a professional presentation setting.



Fashion Design Program Named Finalist At The 2026 Sustainable Business Awards

The Istanbul Aydın University Anadolu Bil Vocational School Fashion Design Program has become a finalist in the “Waste Management and Zero Waste” category of the 2026 Sustainable Business Awards with its “Circular Texture: From Waste to Design” project, conducted in collaboration with Gurmen Group Ramsey under a zero-waste approach. The project stands out as an applied initiative based on circular economy principles that integrates the repurposing of textile waste with design education. Carried out through an industry-university collaboration model, the project was realized with the contributions and support of Ramsey Interna-

tional Marketing Manager Serkan Uluer and Head of Sustainability Semra Sevinç. This partnership enabled students to gain industry knowledge and experience while developing design practices that treat waste as a valuable resource.

Lecturer Nihal Bolkol, Head of the Fashion Design Program, attended the awards ceremony held on September 29, 2026, representing the university. Held as part of Sustainable Brands Turkey 2026, the event brought together institutions, brands, and academics active in the field of sustainability and provided a platform for discussions regarding the COP31 process.



Fashion Design Program 2026–2027 Fall Semester 1st Academic Board Meeting Held

The 1st Academic Board Meeting of the Istanbul Aydın University Anadolu Bil Vocational School (ABMYO) for the 2026–2027 academic year fall semester was held on September 17, 2026, at 15:00 in the D Block Oval Hall.

The meeting was attended by Program Head Lecturer Nihal Bolkol and Deputy Program Head Lecturer M. Gülgün Tekin, as well as Asst. Prof. Dr. Emine Eryazıcı, Prof. Dr. Mustafa Sabri Özen, Prof. Dr. Erhan Sancak, Lecturer Dr. Necla Yılmaz, and Lecturers Esra Kaya, Aycan Öktem, Hatice Erkaya, Hüsnü Erhan Şanal, Mehmet Kerim Bayri, Kerem Seyyar, Ülkü Karahanlar, Belgin Arıt Ateş, Hamide Mehtap Veziroğlu, and Senar Çevik.

During the meeting, matters concerning education and instruction, administration, and student affairs for the new academic year were addressed. Regarding education and instruction, course schedules, curriculum implementation, and course delivery processes were evaluated; on the administrative side, the unit's operational functioning, the distribution of duties, and activities to be carried out within the framework of the academic calendar were discussed. In the realm of student affairs, procedures related to registration, attendance, academic advising, internships, and graduation were reviewed. Additionally, information was shared regarding the program activities and industry collaboration initiatives planned for the upcoming term. The meeting concluded with an assessment of the implementation of the decisions taken by the relevant units.



“Re-Siirt” Fashion Show Held at Üsküdar Cemile Sultan Grove

The Istanbul Aydın University Anadolu Bil Vocational School Fashion Design Program participated in the “Yeniden Siirt” (Siirt Reimagined) fashion show held on September 25, 2026, at the Üsküdar Cemile Sultan Grove. The event, realized under the “AtelierIST” brand by Lecturer Aycan Öktem—a faculty member and 2012 graduate of the program—comprised both a cocktail reception and the fashion show itself. Inspired by Siirt’s deep-rooted cultural heritage, the collection was presented to the audience as a cultural initiative aimed at preserving this heritage and enhancing its visibility.

This approach, which reinterprets local cultural values through a contemporary design language, serves as a significant example for the development of students’ design sensibilities regarding the integration of traditional elements into modern fashion practice. Istanbul Deputy Governor Elif Canan Tuncer attended the event as a guest, and Aynur Ayaz served as the host. Representing the program, the following faculty members attended the event: Program Head Lecturer Nihal Bolkol, Lecturer M. Gülgün Tekin, Asst. Prof. Dr. Emine Eryazıcı, Lecturer Dr. Necla Yılmaz, Lecturer Esra Kaya, Lecturer Hatice Erkaya, Lecturer Mehmet Kerim Bayri, Lecturer Kerem Seyyar, Lecturer Belgin Arit Ateş, and Lecturer Hamide Mehtap Veziroğlu. At the conclusion of the fashion show, Program Head Lecturer... Nihal Bolkol presented a plaque to Aycan Öktem on behalf of Istanbul Aydın University and also gave her a gift prepared on behalf of the program’s faculty members. We congratulate Aycan Öktem—who has continued the academic and professional journey she began in 2012 at the Istanbul Aydın University Fashion Design Program in the roles of designer, alumna, and faculty member—and wish her continued success.



The Tourist Guiding Program organized a tour for guests visiting from abroad.

Özlem Kışlalı, a lecturer in our school's Tourist Guiding Program and a professional tourist guide, conducted a tour of the Historic Peninsula on September 20 for our school's visiting institutional guests from abroad. Sites such as the Sultanahmet Mosque, Hagia Sophia Mosque, the Hippodrome, and Gülhane Park were visited during the tour.