



ISTANBUL
**GELISIM
UNIVERSITY**

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ISTANBUL
GELİŞİM ÜNİVERSİTESİ

FACULTY OF APPLIED SCIENCES MONTHLY E-BULLETIN

Applied Science in Gelişim, For a Change In Your Life

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NEWS FROM IGU

Istanbul Gelişim University Held a 2025 Orientation Program!

Istanbul Gelişim University (IGU) held an orientation program to welcome new students for the 2025-2026 academic year. The program, aimed at facilitating the university's adaptation process, helped students become familiar with their faculties, academic advisors, social facilities, and campus life. The orientation program took place from September 15-18, 2025, at the Mehmet Akif Ersoy Conference Hall in IGU Block J (Tower). Throughout the orientation period, student clubs operating at IGU met with new students at their booths.

On the first day of orientation, Istanbul Gelişim University Rector Prof. Dr. Bahri Şahin congratulated all the new students who attended the orientation program and wished them success. Prof. Dr. Şahin emphasized that IGU will continue to support the academic and personal development of young people in every aspect, within the framework of its student-focused vision.



NEWS FROM IGU

Istanbul Gelişim University Held a 2025 Orientation Program!

On the second day of orientation, the Faculty of Applied Sciences held an orientation program. Following a general introduction to the faculty by Prof. Dr. Kamil Kaya, Dean of the Faculty of Applied Sciences, department heads took the stage and delivered brief speeches. Following the speeches, faculty and students gathered at departmental tables in the event hall.

The annual IGU student orientation provides students with the opportunity to familiarize themselves not only with academic procedures but also with social activities and university culture. Istanbul Gelişim University prepares new students for academic life through this special program, aiming to lead them confidently into the future with the motto "Development Knows No Borders."



NEWS FROM FoAS

Asst. Prof. Engincan Yıldız and Asst. Prof. Nevra Üçler Completed Their International Mobility!

Faculty of Applied Sciences academics Dr. Engincan Yıldız and Dr. Nevra Üçler have completed their research at international universities.

During the 2024-2025 academic year, Dr. Engincan Yıldız developed multidisciplinary approaches to combating anti-immigrant digital hate speech at the University of Vienna, Austria. Dr. Nevra Üçler conducted a comparative study on "Gender Equality in Universities" at the Università degli Studi di Milano-Bicocca, Italy, during the spring semester of 2024-2025.

In addition, Assoc. Prof. Uğur Baloğlu conducted research at Purdue University in the US during the 2023-2024 academic year, analyzing the cultural impact of Turkish television series in the US and their role in immigrant integration. Assoc. Prof. Ali Çelik is conducting research on environmental economics and the circular economy at Western Sydney University in Australia with his study titled "Circular Economy and Net Zero Emission Target." Dr. Çelik's research will continue throughout the 2025-2026 fall semester.

Global Vision, Achievements Beyond Borders!

As the Faculty of Applied Sciences, our international collaborations grow stronger every year. These international experiences, which support scientific productivity, cultural interaction, and professional development, make our faculty an active member of the global academic community.



NEWS FROM FoAS

Assoc. Prof. Dr. Zeynep Burcu Şahin Contributes to the "MEDYALAB: Fair and Transparent Steps in Digital Media" Project!

Assoc. Prof. Dr. Zeynep Burcu Şahin, Head of the Public Relations and Advertising Department at Istanbul Gelisim University's Faculty of Applied Sciences, participated in events held at İstinye University as part of the "MEDYALAB: Fair and Transparent Steps in Digital Media" project, implemented as part of the Erasmus+ KA154-YOU Program.

Assoc. Prof. Dr. Şahin took an active role in the Disinformation Workshop organized as part of the event, contributing not only to the workshop process but also to the shaping of the project's roadmap by participating among the project's decision-makers.

The workshop included practical exercises on combating misinformation and disinformation in digital media, verification practices, ethical principles, and strengthening media literacy. Participants gained extensive experience developing more transparent and reliable communication models in the digital media environment.



NEWS FROM FoAS

Res. Asst. Niger HACI Participated in the CETRA Research Summer in Translation Studies (CETRA2025)!

Res. Asst. Niger HACI, from the Department of English Translation and Interpreting at FAS, participated in the CETRA Research Summer in Translation Studies (CETRA2025), organized by KU Leuven University from August 25 to September 5, 2025. The summer school, which featured Kobus Marais as the invited speaker, aims to provide research training in translation studies to help doctoral, postdoctoral, and early-career researchers develop their academic skills, advance their projects, and connect with the international academic community. Res. Asst. Niger HACI contributed to the symposium with a study on students' gender sensitive language use awareness in translation.

Access Link: <https://www.arts.kuleuven.be/cetra/research-summer-school>



ACADEMIC ARTICLES

The Article Titled "Analysis of Micro and Macro Factors Affecting Stock Returns: An Application on the BIST Manufacturing Sector" Has Been Published!

The article titled "Analysis of Micro and Macro Factors Affecting Stock Returns: An Application on the BIST Manufacturing Sector," co-authored by Assoc. Prof. Ayşegül ERTUĞRUL from the Department of Banking and Insurance, has been published in the International Journal of Academic Research in Business and Social Sciences.

Access Link:

<http://dx.doi.org/10.6007/IJARBSS/v15-i8/26191>



The Article Titled "Evaluation of the Relationship between Working Capital Management and Financial Performance: An Application on the BIST 100 Index" Has Been Published!

The article, "Evaluation of the Relationship between Working Capital Management and Financial Performance: An Application on the BIST 100 Index," co-authored by Assoc. Prof. Dr. Ayşegül ERTUĞRUL, a faculty member in the Department of Banking and Insurance, was published in the International Journal of Academic Research in Accounting, Finance and Management Sciences, Volume 15, Issue 3, on September 17, 2025.

Access Link:

<https://hrmars.com/index.php/IJARAFMS/article/view/26423/Evaluation-of-the-Relationship-between-Working-Capital-Management-and-Financial-Performance-An-Application-on-BIST-100-Index>



NEWS FROM OUR ALUMNI

My Education Journey at IGU

Hello, I am Muhammet Emir Özcan.

For me, this journey is more than a profession, it's an expression of a passion for the sky. As I graduate from the Avionics Department in 2025, I'm determined to not only earn a diploma but also to make this passion a reality.



Throughout my university years, I've focused on self-improvement. I acted with the awareness of the importance of fluent English, and by participating in TEKNOFEST, I strengthened my technical knowledge and had the opportunity to gain a deeper understanding of Turkey's technological vision. I'd like to thank my lecturers Abdullah Can Al, Serhat Çiftçi, Ayşe Özgen, Sinem Gürkan, and Indrit Myderrizi for their unwavering support throughout this process.

The Avionics Club was an important platform that allowed me to share this passion. I served as chief secretary for two years, treasurer for one year, and vice president for one year. We strengthened our theoretical knowledge by hosting leading figures in the industry and organizing technical trips to institutions such as Turkish Technic, Turkish Engine Center, and TUSAŞ. Meeting the Aircraft Technicians Association was a major step in gaining a deeper understanding of the industry. With the support of my mentor, İlker İnan, I participated in events like IFTE and the Air Show, gaining an insider's perspective on the industry.

All these experiences were crucial steps that brought me to where I am today. I'm deeply grateful to my mentors, who guided me with their vision, and to my friends who stood by me along the way.

GUEST WRITER

Using Artificial Intelligence in Aviation Avionics Systems

In recent years, artificial intelligence technologies have played a transformative role in the aviation industry, particularly in the development of avionics systems. Initially focused on basic functions such as flight control and navigation, these systems are now used in numerous areas such as data analytics, predictive maintenance, flight safety, and mission optimization. Globally, the United States, European countries, and China are leading the way in both the development and implementation of AI-based avionics systems in civil and military flights. In these countries, AI is being effectively used in air traffic management, autonomous flight systems, and pilot assistance technologies. Commercial airlines, in particular, are capitalizing on the potential of AI to increase fuel efficiency and reduce operational costs by analyzing flight data.



Ahmet Faruk Görmüş, Lecturer
Istanbul Gelişim University Vocational School
Autonomous Systems Technician

In Türkiye, significant steps have been taken in recent years in investments in AI-supported avionics systems within the aerospace industry. Companies such as TAI, ASELSAN, and Baykar are working on AI-based sensor fusion, autonomous decision-making algorithms, and pilot support systems in the aircraft and unmanned aerial vehicles they develop. In the civilian sector, projects focusing on the integration of AI in flight safety, maintenance processes, and air traffic management are steadily increasing. Universities and research centers, through government-supported programs, are enabling young engineers to develop projects in this field at an early age.

However, the integration of AI into avionics systems presents not only opportunities but also challenges. In particular, the complexity of safety certification processes, concerns about the transparency of algorithms, and uncertainties in international regulations occasionally limit the widespread adoption of these technologies. Similarly, on a global scale, the harmonization of AI with flight safety standards remains a critical agenda item.

Consequently, AI-enabled avionics systems are no longer merely a vision for the future; they are at the heart of the aviation sector's current strategic investments. To fully realize its potential in this area, Turkey must increase its innovation capacity, clarify the regulatory framework, and strengthen its trained human resources. Adapting to this transformation process at the right time will be the key to achieving sustainable competitiveness both in the national aviation industry and in the global market.

CULTURE, ART & LITERATURE

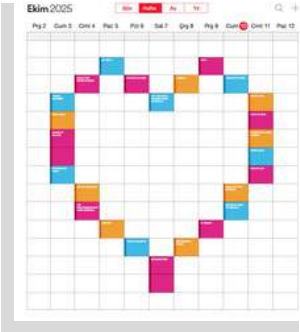
ISTANBUL ARTS AND CULTURE EVENTS

October 2025



Theater - 29th Istanbul Theater Festival

- **Date:** October 20 – November 22, 2025
- **Venue:** Various theater stages in Istanbul
- The festival offers a rich program of theater plays, performances, workshops, and talks.
- [Tickets and Details](#)



Cinema - Filmekimi 2025

Date: October 3-12, 2025

Venue: Various theaters, including the Kadıköy Cinema

Attracts the attention of arthouse cinema enthusiasts with national and international screenings, special films, and gala screenings.

- [Tickets and Details](#)



Biennial – Gaza Biennial 2025

Date: September 19 – November 8, 2025

Venue: Depo Istanbul

The Istanbul Pavilion of the "Biennale Born on a Beach Under Siege" presents a selection of works by Palestinian artists.

- [Tickets and Details](#)



EEExhibition - Digital Art Festival Istanbul 2025

Date: September 27 – October 5, 2025

Venue: AKM (Atatürk Cultural Center)

The exhibition, "Five Wonders of the Şakir Paşa Family," offers an opportunity to explore the intersections between art and technology as part of the cultural trail.

- [Tickets and Details](#)

DOUBLE MAJOR PROGRAM

It is Yaren KOÇ, a senior in the Aviation Electrical and Electronics Department,

Studying in my department and the Aviation Management Department allows me to graduate equipped with both technical and managerial skills in the aviation industry. The technical knowledge and skills I acquired in the Aviation Electrical and Electronics Department ensure the safe and efficient operation of critical aircraft systems, while the managerial skills I gained in the Aviation Management Department give me the ability to better understand and manage the operational processes and strategic planning of these systems.



This double major program not only offers me a broader career perspective but also the opportunity to adapt to the rapidly changing dynamics of the aviation industry and develop a multidisciplinary perspective.

With this dual-disciplinary background, I feel prepared to take on responsibilities in both technical and managerial roles, and I aim to make more effective and comprehensive contributions to the aviation field.

NEWS FROM SECTOR

New Restrictions to Be Implemented on ChatGPT Users Under 18

Under the new policies, ChatGPT will be trained to no longer engage in "flirty conversations" with underage users. Additional restrictions will also be implemented for suicide and self-harm scenarios. If a young user uses ChatGPT for such matters, the system will contact parents—or even local police in serious cases.

Access Link: <https://www.marketingturkiye.com.tr/haberler/chatgpt-18-yasin-altindaki-kullanicilara-yeni-kisitlamalar-uygulayacak/>

TEKNOFEST 2025 to Host Technology Enthusiasts at Atatürk Airport from September 17-21

TEKNOFEST, Türkiye's largest technology and aviation festival, is preparing to connect millions this year. The festival, which will take place at Istanbul Atatürk Airport from September 17-21, 2025, is free to attend, but registration is required.

During the five-day event, visitors will experience a packed program of air shows, technology competitions, scientific events, and interactive experience areas. Having hosted millions in previous years, the festival is expected to attract significant attention again this year.

Erişim Link : <https://www.airlinehaber.com/teknofest-2025-17-21-eylulde-ataturk-havalimaninda-teknoloji-tutkunlarini-agirlayacak>

Gastronomy Festival Kicks Off with a Colorful Opening!

The Cultural Road Festival International Gaziantep Gastronomy Festival (GastroANTEP), organized in collaboration with the Gaziantep Metropolitan Municipality and the Ministry of Culture and Tourism, began with opening remarks at Festival Park. The nine-day festival will feature a packed program of gastronomic, cultural, and artistic events.

Access Link: <https://www.foodandtravel.com.tr/gastronomi-festivali-renkli-acilisiyla-basladi/>

Longest Route: 29 Hours!

China's state-owned airline, China Eastern Airlines, announced the launch of a new flight between Shanghai and Buenos Aires, the capital of Argentina. The company is promoting this route as the "world's longest direct flight."

Departing from Shanghai Pudong Airport (PVG), the flight will reach Ministro Pistarini Airport (EZE) in Buenos Aires in approximately 25.5 hours. The return flight will take 29 hours.

Access Link: <https://www.airporthaber2.com/havacilik-haberleri/en-uzun-rota-tam-29-saat-surecek.html>



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