

Applied Science in Gelişim, For a Change In Your Life

www.gelisim.edu.tr

0 212 422 70 00







/ iguubf







#### **NEWS FROM IGU**

### "GreenMetric 2023" Success from IGU, which stands out with its Sustainability Studies!

The "GreenMetric World University Rankings 2023" list has been announced. Istanbul Gelişim University (IGU), which was included in the GreenMetric rankings for the first time last year, was ranked 14th among Turkish foundation universities in the GreenMetric 2023 list this year. Drawing attention with its important work in the field of environmental sustainability, IGU has proven its success once again.

The list of "UI GreenMetric World University Rankings 2023", which was founded in Indonesia in 2010 and works on green campus and environmental sustainability, has been announced. GreenMetric aims to raise global awareness about environmental awareness; It evaluates the sustainability efforts of universities according to 6 criteria: campus settlement and infrastructure, energy and climate change, waste, water resources, transportation, education and research. Istanbul Gelişim University (IGU), which was included in the GreenMetric rankings for the first time last year, increased its score by 935 points in 2023 and ranked 674th in the world with a total of 5635 points. While it ranks 58th among all universities in Turkey, jumping 7 places compared to last year, in the total score where 6 criteria are taken into account; Istanbul Gelişim University, one of the most preferred foundation universities in Turkey, stood out among foundation universities in the GreenMetric 2023 ranking. IGU ranked 14th among foundation universities, rising 23 places from 37th place.



**MONTHLY E-BULLETIN** 



#### **NEWS FROM IGU**

#### **Famous Names of the Sports Community Met at IGU!**

Famous names from the sports community attended the "100 Stakeholders Meet in Development on the 100th Anniversary of the Republic" event. Famous names who came together at the panel organized specifically for the 100th anniversary of the Republic, FIFA licensed referee Halil Umut Meler, who was punched by MKE Ankaragücü President Faruk Koca after the MKE Ankaragücü-Çaykur Rizespor match, which was played in the 15th week of the Super League and ended 1-1. Reacting jointly to the violence experienced by , he added, "I hope this will be the last."

Famous names from the world of sports met with academicians and students at the panel titled "100 Stakeholders Meet in Gelişim on the 100th Anniversary of the Republic", organized by Istanbul Gelişim University (IGU) School of Physical Education and Sports. The panel was attended by IGU Rector Prof. who stated that they were happy to host such an event and host valuable names. Dr. It started with Bahri Şahin's opening speech. In the panel titled "Champion Women of the Republic", National Wrestler Buse Tosun Çavuşoğlu and National Volleyball Player Neslihan Demir participated; Hatayspor Coach Volkan Demirel and NutSpor Announcer Nebil Evren participated in the panel titled "Those Who Make a Difference in Sports". In the panel where the violence experienced by FIFA licensed referee Halil Umut Meler, who was punched by MKE Ankaragücü President Faruk Koca after the MKE Ankaragücü-Çaykur Rizespor match, was discussed, famous names of the sports community reacted against the violence.







#### **NEWS FROM IGU**

## Istanbul Gelişim University 2024 "High School Winter Academy" will start soon!

"High School Winter Academy", held every year by Istanbul Gelişim University, continues this year as well. This academy, which will be held between 23 and 26 January 2024, will include different activities tailored to the interests of high school students. "High School Winter Academy" will be held in the form of face-to-face workshops on the campus of Istanbul Gelişim University.



**MONTHLY E-BULLETIN** 



#### **NEWS FROM FOAS**

## Asst. Prof. Dr. Rıza Haluk KUL Participated in the "World Civil Aviation Day, Pulse of High Altitude" Event!

Asst. Prof. Dr. Rıza Haluk Kul, from FoAS Aircraft Maintenance and Repair Department, attended the event called "Pulse of High Altitude" as a speaker within the scope of World Civil Aviation Day held at Bahçeşehir University on December 7, 2023. In his speech, Asst. Prof. Dr. Rıza Haluk Kul talked about the position, necessity, duties and responsibilities of aviation engineering in aviation activities. He also presented information about the general mission, vision, values and basic principles for those who will work in the aviation industry. Within the scope of the speech, first the approaches to design, production, operation and maintenance within the framework of the safety motto were touched upon, and suggestions were made about learning and using a foreign language in order to be international in aviation. After the speech, the plaque of appreciation was presented by Asst. Prof. Dr. Rıza Haluk Kul's colleague and former colleague Asst. Prof. Dr. Orhan Gökçöl.



### The Article Titled "YAMAHA Effect in Aviation" Was Published!

The article titled "YAMAHA Effect on Aviation" by Asst. Prof. Dr. İlker İnan from the Aircraft Maintenance and Repair Department was published in the November issue of UTED Magazine, between 34 and 39 pages.







#### **NEWS FROM FOAS**

# Sector/Academy Meeting Between İstanbul Chamber of Commerce (ITO) and FoAS Banking and Insurance Department Cooperation Was Held!

FoAS Banking and Insurance Department Head held a collaboration meeting titled "Supports to Direct Insurance Department Students and Graduates to Internships and Jobs" under the chairmanship of Istanbul Chamber of Commerce (ITO) Board Member İbrahim Doğan SALMAN and with the participation of the Members of the Insurance Professional Committee No. 20. on 28 November 2023 Assoc. Prof. Dr. Hakan ÖZCAN attended. Insurance sector managers and heads of insurance departments of Maltepe University, Beykent University, Nişantaşı University, Gedik İstanbul University. University. Aydın University and Haliç University attended the cooperation meeting hosted by ITO.



# Berika Akçay Attended the Advanced Technologies and Accounting Applications Workshop!

Res. Asst. Berika Akçay from FoAS Management Information Systems Department attended the Advanced Technologies and Accounting Applications Workshop held on December 8, 2023.





#### **NEWS FROM FoAS**

# Assoc. Prof. Dr. Hakan Özcan, Head of Banking and Insurance Department, Joined the Live Broadcasts!

Assoc. Prof. Dr. Hakan Özcan, Head of Banking and Insurance Department, participated in 3 different live broadcasts in December and shared his academic knowledge and experience with the audience.

Friday, December 2, 2023 at 11.00 Bloomberg HT TV Dr. Özcan, who participated in the Training Center Program moderated by Turgut ÖZAY, spoke about insurance awareness and the training of insurance agency employees.

Access Link: https://lnkd.in/dEuydBSY

Assoc. Prof. Dr. Hakan Özcan. who in the Markets Mid-Day participated Program moderated by MEK TV Hanzade Figen AVCIOĞLU on Thursday, December 13. 13.00. talked 2023 at about capital adequacy of insurance companies. Assurance Fund functions and sectoral developments.

News Access Link: https://lnkd.in/d46Bu4Qf

Assoc. Prof. Dr. Hakan Özcan, who participated in the Before and After Program moderated by Sözcü TV Senem Tolunay ILGAZ on Thursday, December 14, 2023 at 16.00, talked about traffic insurance policy coverage and premium increases.









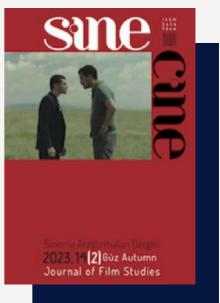
#### **ACADEMIC ARTICLES**

### The Article Titled "On Cinematic Gestures or Gestures of a Silent Resistance" Was Published!

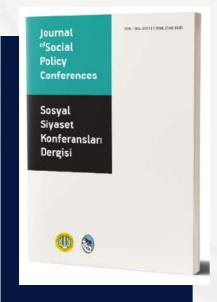
The article titled "On Cinematic Gestures or Gestures of Silent Resistance" by Asst. Prof. Dr. İpek Gürkan, from the Department of Television Journalism and Programming, Faculty of Applied Sciences, was published in sinecine: Journal of Cinema Research Volume 14 Issue 2.

#### **Article access link:**

https://dergipark.org.tr/tr/pub/sinecine/issue/8099 2/1320546



# The Article "The Effect of the Turkish Statistical Institute on Wage Policies in Turkey and an Evaluation of Trade Unions through Collective Bargaining Agreement Examples" Was Published!



The article by Res. Asst. Naim Göktaş, from the Department of Electronic Commerce and Management, Faculty of Applied Sciences, titled "The Effect of the Turkish Statistical Institute on Wage Policies in Turkey and An Evaluation of Trade Unions through Collective Bargaining Agreement Examples" was published in the 85th issue of the Journal of Social Policy Conferences.

#### **Article Access link:**

https://iupress.istanbul.edu.tr/tr/journal/jspc/article/turkiye-istatistik-kurumunun-turkiyede-ucret-politikalarina-etkisi-ve-toplu-is-sozlesmesi-ornelerini-uzerinden-an-evaluation-of-workers-unions



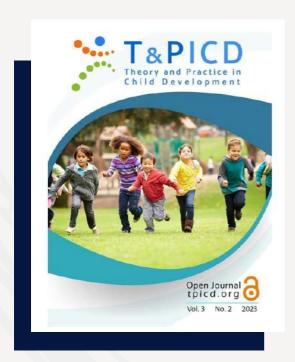
#### **ACADEMIC ARTICLES**

### Asst. Prof. Dr. Görsev Sönmez's New Articles Were Published!

FoAS- English Translation and Interpreting Department Head Asst. Prof. Dr. Görsev Sönmez's joint article with Prof. Dr. Ebru Hasibe Tanju Aslışena titled "Using Storigami as an Instructional Technique: Preschool Teachers' Perceptions" was published in the international journal Theory and Practice in Child Development, while her joint article with Asst. Prof. Dr. Serkan Gürkan titled "Using Storigami as an Instructional Technique: Preschool Teachers' Perceptions" His article titled "Pre-service Teachers' Perceptions of Their Future Refugee Students" was published in the international journal Transnational Education Review.

#### **Article access links:**

https://tpicd.org/index.php/tpicd/article/view/63 https://journals.tplondon.com/ter/article/view/3176

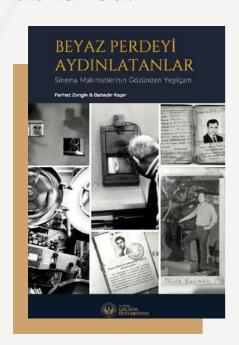






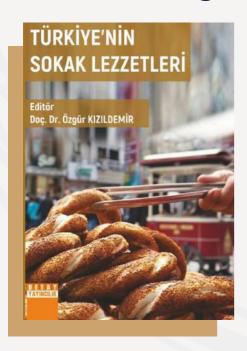
#### **ACADEMIC BOOKS**

# The Book Titled Those Who Illuminate the Silver Screen: Yeşilçam from the Eyes of Cinema Projectors Was Published!



The book titled Those Who Illuminate the Silver Screen: Yeşilçam from the Eyes of Cinema Projectors, co-authored by Asst. Prof. Dr. Ferhat Zengin from the Department of Television Journalism and Programming, was published by Istanbul Gelişim University Publications in October 2023. The book deals with Yeşilçam cinema through the personal memories and testimonies of film projectionists, from the 1950s, when nitrate-based films were shown, to the 2000s, when cinema technology began to digitalize.

# The Book Chapters Titled "Seafood" and "Sandwiches, Toasts and Burgers" were Published!

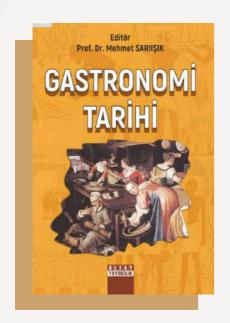


The book chapter titled "Seafood" prepared by Asst. Prof. Dr. Muzaffer Çakmak from the Department of Gastronomy and Culinary Arts, Faculty of Applied Sciences, and the book chapter titled "Sandwiches, Toasts and Burgers", of which he is one of the coauthors, were included in the book "Turkey's Street Foods" published by Detay Publishing.



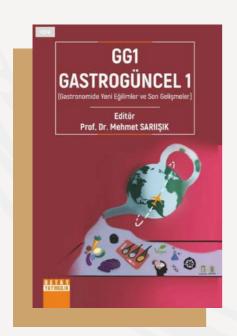
#### **ACADEMIC BOOKS**

# The Book Chapter Titled "Chronological Order of the Discovery of Popular Foods and Beverages" Was Published.



The book chapter titled "Chronological Order of the Discovery of Popular Foods and Beverages" prepared by Asst. Prof. Dr. Muzaffer Çakmak from the Faculty of Applied Sciences, Department of Gastronomy and Culinary Arts and Assoc. Prof. Dr. Serdar Egeli from the Department of Tourism Guidance, Faculty of Economics, Administrative and Social Sciences, is published in the book "History of Gastronomy" published by Detay Publishing. took place.

### The Book Chapter Titled "Gastronomy Festivals" Was Published.

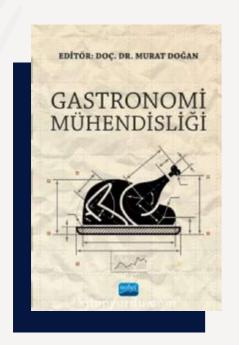


The book chapter titled "Gastronomy Festivals" prepared by Asst. Prof. Dr. Muzaffer Çakmak, Member of the Department of Gastronomy and Culinary Arts, Faculty of Applied Sciences, and Mehmet Sarıışık, Faculty of Tourism, Sakarya University of Applied Sciences, was published in "GG1 GASTROCURRENT 1" (New Trends and Latest Developments in Gastronomy) published by Detay Publishing.



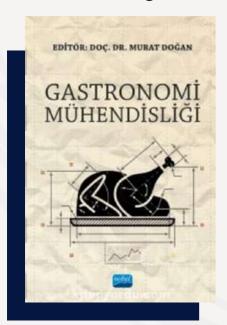
#### **ACADEMIC BOOKS**

## The Book Chapter Titled "Structure of Food: Food Physics" Was Published!



The book chapter titled "The Structure of Food: Food Physics" prepared by Asst. Prof. Dr. Nevruz Berna Tatlisu from the Department of Gastronomy and Culinary Arts, Faculty of Applied Sciences, was included in the book "Gastronomic Engineering" published by Nobel Publishing.

# The Book Chapter Titled "A Pinch of Mathematics: Gastronomy Mathematics" Was Published!



The book chapter titled "A Pinch of Mathematics: Gastronomy Mathematics" prepared by Res. Asst. Gizem Hülağa Kaderoğlu from the Department of Gastronomy and Culinary Arts, Faculty of Applied Sciences and the book chapter titled "Between the Brain and the Cell: Neurogastronomy and Nutritional Physiology", which is another chapter co-authored was included in the book "Gastronomic Engineering" published by Nobel Publishing.



#### **CONGRESSES**

## Prof. Dr. Kamil Kaya Participated in the 10th International Turkish Folk Culture Congress!

Dean of the Faculty of Applied Sciences, Prof. Dr. Kamil Kaya, participated in the 10th International Turkish Folk Culture Congress, where he was the chairman of the session, with the paper titled "Changes in Marriage Customs in the Modernization Process (Example of Solhan District of Bingöl Province)", which he prepared together with Adil Öger. Presentations were made on many important topics at the 10th International Turkish Folk Culture Congress, organized by the Turkish General Directorate of Research and Education of the Ministry of Culture and Tourism between 11-14 December 2023.



#### **Congress Access Link:**

https://aregem.ktb.gov.tr/TR-359236/10-milletlerarasi-turk-halk-kulturu-kongresi-basleyen.html

### Asst. Prof. Dr. İpek Gürkan Participated in the "International Symposium on Search for New Forms and Methodologies in Academic Studies/Publishing"!

Asst. Prof. Dr. İpek Gürkan, from the Faculty of Applied Sciences, Department of Television Journalism and Programming, participated in the "International Symposium on Search for New Forms and Methodologies in Academic Studies/Publishing", held between 18-20 October 2023, with her paper titled "Snow White's Nightmare: Memory, Uncanny and Mediatic Objects".

#### **Congress Access Link:**

https://cinearji.com/sempozyum/



www.gelisim.edu.tr 0 212 422 70 00





#### **CONGRESSES**

### Asst. Prof. Dr. Ahmet Esad Yurtsever Attended the 9th Selçuk International Social Sciences Congress!

Asst. Prof. Dr. Ahmet Esad Yurtsever, from Istanbul Gelişim University Management Information Systems Department, attended the 9th Selçuk International Social Sciences Congress between 15-17 December 2023 with his paper titled "A Research on Determining the Levels of Factors Affecting Sustainable Development Goals within the Scope of Environmental Awareness". Dr. Yurtsever also served as the session chairman of the congress.



## Asst. Prof. Dr. Onur Türker Attended the 9th Selçuk International Social Sciences Congress!

Asst. Prof. Dr. Onur Türker from the Department of Electronic Commerce and Management participated in the 9th Selçuk International Social Sciences Congress held between 15-17 December 2023 with his study titled "The Role of Factors Affecting Service Quality in the Evaluation of Airline Companies".



www.gelisim.edu.tr 0 212 422 70 00



## "The Third Banking and Insurance Student Symposium (BSS 2023)" Held!

The symposium, in which the Head of the Department of Banking and Insurance of the Faculty of Applied Sciences, Assoc. Prof. Dr. Hakan ÖZCAN, Assoc. Prof. Dr. Lokman KANTAR, Assoc. Prof. Dr. Mete BUMİN, Asst. Prof. Dr. Ayşegül ERTUĞRUL, Asst. Prof. Dr. Tayfun TİMURAY and Res. Asst. İlknur KÜLEKÇİ are in the organizing committee, was organized in order for the undergraduate students of our university to contribute to the banking and insurance literature by participating in academic studies.





With "The Third Banking and Insurance Student Symposium", which will be held on December 12, 2023, with online and face-to-face participation, it is aimed to actively involve undergraduate students in the learning process and contribute to the sustainability of quality education.

TÜBİTAK 2209-A University Students Research Projects, which are ongoing under the consultancy of UBF Banking and Insurance Department Head Assoc. Prof. Dr. Hakan ÖZCAN, Assoc. Prof. Dr. Lokman KANTAR and Asst. Prof. Dr. Ayşegül ERTUĞRUL, were presented.

Presentations of the TÜBİTAK 2209-A projects for which applications were made were made with the consultancy of FoAS Electronic Commerce and Management Department faculty members Assoc. Prof. Dr. Ali ÇELİK and Asst. Prof. Dr. Onur TÜRKER.

Assoc. Prof. Dr. Hakan ÖZCAN, Assoc. Prof. Dr. Mete BUMİN, Asst. Prof. Dr. Ayşegül ERTUĞRUL and Asst. Prof. Dr. Tayfun TİMURAY presented their participation certificates to the presenters at the end of the sessions they moderated. The authors of the best five papers were announced specifically for the third symposium.



### "The Third Banking and Insurance Student Symposium (BSS 2023)" Held!

The Best Paper Award was given to Irem KARAHAN by FoAS Deputy Dean Assoc. Prof. Dr. Sevinç KOÇAK for the paper titled "Examination of the Causal Relationship Between Bitcoin and Exchange Rate in Turkey".

The Second Best Paper award was given by FoAS Deputy Dean Asst. Prof. Dr. Görsev SÖNMEZ to Rozerin ABDÜSSEMETOĞLU, Yaren EROĞLU and Melisa ÖZHİM for their paper titled "Analysis of the Performance of the Turkish Banking Sector in the Pre- and Post-Pandemic Periods on the Basis of Bank Groups". The Third Best Paper award was given by Assoc. Prof. Dr. Hakan ÖZCAN, Head of Banking and Insurance Department, to Ferhat TÜNÇER, Gül ÖZDEMİR and Mustafa BİLGİN for their paper titled "Examination of the Relationship between BIST 100 Index and Gold Prices in the Context of Portfolio Approach". The Fourth Best Paper award goes to Semanur TURHAN and Bahar ATAYOĞLU for their paper titled "Active Development of the Turkish Banking Sector Between 2018-2022, An Application on Participation Banking" and the Fifth Best Paper award for "Examining the Relationship between Financial Risk and Business Value: An Application on Sustainability Index" Simge BOSTAN and Beyza KÖKSAL were deemed worthy for their papers titled.

We wish success to all participants and thank the faculty members for their support! For reaching the web page of the "Third Banking and Insurance Student Symposium (BSS2023)":

https://bss.gelisim.edu.tr/tr/konferans-anasayfa









### Reputed Chef Mehmet Yalçınkaya Participated in Gastro Talks-7 Event!

Within the scope of the "Gastro Talks" program organized in cooperation with Istanbul Gelişim University and MYK Gastro Arena, a new event titled "The Process of Creating Brand Identity in Turkish Gastronomy and the Importance of Rating Agencies" was organized. Moderated by Gastronomy Departments Coordinator Assoc. Prof. Dr. Serdar Egeli, the participant of the event was the famous chef Mehmet Yalçınkaya, the founder of MYK Gastro Arena. At the event, Yalçınkaya not only made important observations about the brand identity creation process of Turkish gastronomy, but also provided information to the participants about the latest developments in the sector.









### Gastronomy and Culinary Arts (Turkish) Students Participated in Culinary Form 2023!

FoAS Gastronomy and Culinary Arts (Turkish) students participated in Culinary Form 2023 held in Antalya on 4-5 December. As IGU FoAS and GSF Gastronomy and Culinary Arts departments, our students attended the event accompanied by Asst. Prof. Dr. Muzaffer Çakmak, Lect. Erkan Kıyıcıoğlu, Lect. İbrahim Levent Demirçakmak and Lect. Kemal Şahanlık.





### Refreshments were organized within the scope of the Employment and Career Fair!

Refreshments were organized by FoAS Gastronomy and Culinary Arts Department Head Asst. Prof. DR. Nevruz Berna Tatlısu and Lect. Kemal Şahanlık for the Employment and Career Fair, which was organized with the contributions of the International Exchange and Cooperation Coordination and Career Development Center within the framework of the My Business Partner Project.

Refreshments were prepared under the leadership of kitchen technician Didar Başgöze and served to all academic and administrative staff participating in the event at the Mehmet Akif Ersoy Conference Hall on December 5, 2023.





## Gastronomy and Culinary Arts Students Met at the Chef Jacket Wearing Event!

First-year students received their chef jackets from the department heads at the event organized for the third time this year by Istanbul Gelişim University Faculty of Applied Sciences Gastronomy and Culinary Arts Turkish and English departments.

The event, attended by Faculty Dean Prof. Dr. Kamil Kaya and Asst. Prof. Dr. Görsev Sönmez, started with the speeches made by the department heads. Unlike other years, Dean Prof. Dr. Kamil Kaya made a speech stating the meaning and importance of the day at the event, in which student families also participated.





### FoAS Disability Commission Held an Event Titled "Education and Disability"!

Prof. Dr. A. Sumru Özsoy from Boğaziçi University, who studies Turkish sign language, participated as a speaker at the "Education and Disability" event held by the FoAS Disability Commission at the K Block Firnas Auditorium on January 15, 2023. Dr. Özsoy first touched upon the definition of the concept of "disability" and the perception of "disabled" and focused on the conceptual diversity in the field. The event, in which Dr. Özsoy's studies on Turkish Sign Language were mentioned, ended after the questions of his students were answered.







### The "SPL and SEGEM Exams in Banking and Insurance" Seminar Was Held!

The seminar titled "SPL and SEGEM Exams in Banking and Insurance" was held in order to ensure that students who will be employed in the banking and insurance sectors graduate with sufficient academic background and necessary certificates. Res. Asst. İlknur KÜLEKÇİ from the Department of Banking and Insurance made a presentation about the exams for department students and students aiming for a career in finance, banking and insurance on Monday, December 25, 2023, at IGU A Blok-E303.







# The Talk "Technology Knowledge and New Translation Skills in the Age of Artificial Intelligence" Held!

TThe talk titled "Technology Knowledge and New Translation Skills in the Age of Artificial Intelligence", organized by the FoAS English Translation and Interpreting Department, was held on Wednesday, December 20, 2023, in A Block E209.

Ümit Özaydın, founder of Dragoman Language Solutions company, was a participant in the event, which was held with the participation of students of the Department of English Translation and Interpreting. Ümit Özaydın, who provided information about the technological knowledge and new translation skills that a translator will need in the age of artificial intelligence, answered the questions at the end of the event.







## Support Cookie for the "Organ Donation Awareness Symposium"...

The cookies prepared by Istanbul Gelişim University Faculty of Applied Sciences Gastronomy and Culinary Arts Department Kitchen Technician Didar Başgöze, were served as treats at the "Organ Donation Awareness Symposium" held at J Block Mehmet Akif Ersoy Conference Hall on December 20, 2023.









#### **NEWS FROM OUR ALUMNI**

#### Hi, It is Aziz Yağız...

My journey started in 2019. I graduated from Istanbul Gelişim University, Department of Business Information Management in 2022. I have always had dreams since I was very young, and my biggest dream was to be a cadet at the Military Academy. Even though I passed all the exams and was successful, I could not enter the school because the time did not come. I never thought of studying another department because there was no plan B in my dreams. With the guidance of my teachers, I made my choice and got into Istanbul Gelişim University Business Information Management department with a full scholarship. The very first day I came to school, I was excited and eager to study. I started attending my first classes and I met Prof. Dr. Orhan işcan. In addition to the academic knowledge I learned in department courses, the memories, guidance and experiences of Prof. Dr. Orhan İşcan added a lot to me and enlightened my path in my future decisions. My department professors also supported me a lot in shaping my future decisions.



When I started reading this chapter, I actually evolved towards a very different path in life. Thanks to my professors, I learned how to follow this path and started to love my department very much. The department had a compulsory internship and within the scope of this internship, I had the opportunity to gain 30 working days of experience in Koton Headquarters Finance Department. The advantage of the internship for me was that now everything was settled in my mind and I had decided what to do. I was very happy to study my department and graduate. I was very happy with this point where my dreams had evolved. I had the chance to experience that education, tolerance and being human bring success. I can say that I enjoyed every moment of my university life, even though I had to stay away from school due to the pandemic. When I graduated, I said, "I'm glad I went to university."

I wanted to write this article with my sincere feelings. I wanted to convey my feelings as a graduate to my fellow students who will read my article, and to tell them about my university process and what my department and university have contributed to me. If I were to give any advice to my fellow students, it would definitely be that there should always be another plan in life. Sometimes life gives people the opportunity to make new plans and new dreams. The most important thing is to try to see these opportunities. I have experienced this in the course of my own life. I just graduated and I am working in the position I want at the place where I did my internship and I am very happy. I would like to thank Istanbul Gelişim University, my faculty and department professors, and my friends. I hope everyone will always be very happy and peaceful wherever they want! Kind regards.



#### **GUEST WRITER**

#### **FALLING IN LOVE WITH THE SHY...**

"Once the love of aviation falls into someone's heart, it becomes impossible to leave, just like it did for me...

As every year, December 7 Civil Aviation Day was celebrated in many regions of the country with increasing events in 2023. The achievements of leading universities and especially aviation departments in this regard were admirable. As someone who has been working in the aviation industry for 28 years, I always say that once the love of aviation falls into someone's heart, it becomes impossible to leave, just like it did for me. I applaud our young people's efforts to bring precious moments the participants bv invitina representatives and academicians from all levels to their universities, with their efforts and desire in this regard. They not only events. but also organize acquire organizational skills. strengthen their connections with the industry, create designs, find supporters, promote using social media effectively and many more competencies.



Derya PEKRUH GERÇEKER
Singapore Airlines
Marketing and Services Manager

We, the sector representatives, are excited to see young people among us in the coming years. As Singapore Airlines, we would like to thank all our universities for inviting us.



#### **GUEST WRITER**



This year, our Türkiye General Manager Mr. Hong Yao HU had the chance to represent our airline at İstanbul Gelişim University, I at Istanbul Kültür University, and our friend Emre Bozkurt at Istanbul Gedik University. On December 15, 2023, together with my friend Zülfiye Keleş Orçun, we came together at Elazığ Fırat University with the esteemed university administration, esteemed guests from our industry, and our brilliant young aviation volunteers. Our students' interest, good questions and the love of aviation in their eyes made us very hopeful for the future. We hope they will join us as soon as possible and move the industry forward. Everyone who is committed to this sector should keep their eyes open and keep their eyes on the sky.

DERYA PEKRUH GERÇEKER, who graduated from the Department of Business Administration, continues her master's degree at İstanbul Gelişim University, Department of Aviation Management. She started her career in the aviation industry as a Desk Officer at Atatürk Airport International Terminal and then worked as a Passenger Services Officer at Havaş Yer Hizmetleri A.Ş. Starting as a Passenger Services Officer at Singapore Airlines in 1998, she worked as a Sales Development Officer, Digital Sales Officer, Senior Marketing and Digital Sales Officer. As of 2019, she continues to work as Marketing and Services Manager at Singapore Airlines.



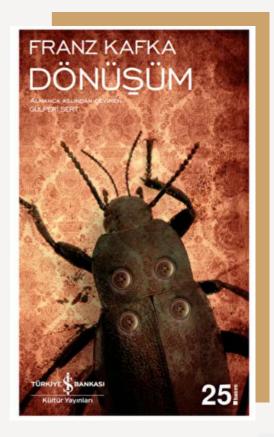
#### **BOOK RECOMMENDATIONS**

### Research Assistant Berces Kurt Department of Aircraft Maintenance and Repair

#### **Metamorphosis - Franz Kafka**

The book the Metamorphosis has a unique place in the world of literature. Franz Kafka's book The Metamorphosis, published in 1915, is a work in which Kafka reached the peak of his narrative art. The story, which is about the life of Gregor Samsa, who found himself transformed into an insect due to an existential questioning, can be considered the author's best-known work. The word Change instead of Transformation is also used for the title of the book.

The Metamorphosis, which consists of three chapters in total, describes the events from the transformation of marketer Gregor Samsa into an insect until his death. When the book is classified, it is seen that Gregor Samsa comes out of his room at the end of each three chapters. In the first chapter, when Gregor Samsa wakes up, he realizes that he has turned into an insect in his bed. He thinks that this situation is temporary and imagines that he will return to his old self again. The second part begins with Gregor Samsa waking up after fainting. The reason for this fainting is the powerful kick his father gave to Gregor Samsa, who came out of his room in the first episode, to get him back into his room. The third part consists of the events until the death of Gregor Samsa, who was seriously injured when one of the thrown apples buried itself in his back.



The father, who also has an important place in Franz Kafka's normal life, is criticized very severely in the book. In the book, it is emphasized that father Samsa is the person who uses Gregor the most financially. After Gregor turned into an insect, father Samsa was disturbed and the burden fell on his own shoulders. That's why he's angry at his son. In fact, the fact that he kicked him and then threw the apple that caused his son's death is an indication of his lethal personality.

This book examines very carefully the family ties that have become corrupt in petty bourgeois circles. The contradictions between the individual and society that cause social exclusion have been tried to be revealed by analyzing the words of the heroes of the novel. Although at first the transformation in the book The Transformation is perceived as only Gregor turning into an insect, it is seen that the family members also undergo a transformation in the later parts of the book.

www.gelisim.edu.tr — — — — — — — — — — — — 0 212 422 70 00



#### **BOOK RECOMMENDATIONS**

Other books recommended by Research Assistant Berces Kurt from the Department of Aircraft Maintenance and Repair



#### **Book of Hotels - Ferhan ŞENSOY**

The Book of Hotels is the book written by Ferhan Şensoy, pushing the boundaries of our language with his own words and expressions. In the book, Ferhan Şensoy discusses in an entertaining style the events he experienced while staying at the hotel during his long tour trips. Readers who read the book witness not only the hotels but also what is happening in Şensoy's life, his habits, what he is angry about and what he likes. The most striking aspect of the book is that the same event is differentiated from each other with a different narrative style each time.



### A Different Experience in the Turkish Trade Union Movement: The Underground Maden-İş Example - Naim GÖKTAŞ

In this book, the Underground Maden-İş Union, which existed for a short time in the history of the Turkish working class, was examined. What distinguishes this union from others is that it has a union experience that has separated itself from the tutelage mentality that dominates the Turkish union movement and has carried out exemplary work in the mining sector. The book examines union movements in three chapters. In the first chapter, the short history of the Turkish working class is mentioned and class struggles in the mining sector are examined. In the second part, Underground Maden-İş Union was examined from different points of view and the union understanding was revealed. In the third chapter, union organization in Yeni Çeltek was examined.



### Introduction to Flight - John. D: Anderson Jr. - (Çeviren: Prof. Dr. Adil YÜKSELEN)

There are almost no Turkish sources on aviation. Therefore, it is very important that this book be presented in Turkish. The Beginning Flight book has been carefully written with readers who are not trained in aviation in mind, including topics such as topic selection and organization, the order in which topics are presented, and how they are explained. In the first editions of the book, topics such as aviation history, atmospheric model, basic aerodynamics, wing profiles and flight performance were touched upon. In the latest editions of this book, additional information about engines, spacecraft and hypersonic flows is included. We are grateful to our valuable Dr. Yükselen, who brought this study to aviation literature.



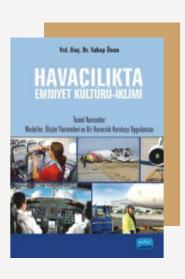
#### **BOOK RECOMMENDATIONS**

Other books recommended by Research Assistant Berces KURT from the Department of Aircraft Maintenance and Repair



#### Flight Theory and Basic Aircraft Knowledge - Seyhun Durmuş

While writing the book Flight Theory and Basic Aircraft Knowledge, basic aircraft knowledge and subjects within the scope of flight theory were covered meticulously and systematically. This book primarily aims to eliminate the lack of qualified Turkish books needed by aviation students, industry employees, academics and those interested in aviation. In the Flight Theory and Basic Aircraft Knowledge book, topics such as basic concepts, the concept of flying, atmospheric physics, types of aircraft, and the forces affecting the aircraft are discussed. In addition, topics such as flight performance, power systems, rotary wing aircraft are also included.



#### Safety Culture-Climate in Aviation - Asst. Prof. Dr. Vahap ÖNEN

Air transportation is one of the most used means of transportation today. In this context, the concept of safety in aviation is one of the most basic and indispensable concepts of aviation. For this reason, many studies have been carried out from past to present to increase and improve safety in aviation. In the book Safety Culture-Climate in Aviation, it is explained what the basis of a good safety management system in aviation should be. In this context, topics such as safety culture definitions, safety culture components, important safety culture models used in aviation, and maturity levels of safety culture are discussed in this book. For this reason, it is among the bedside books for people interested in aviation safety.



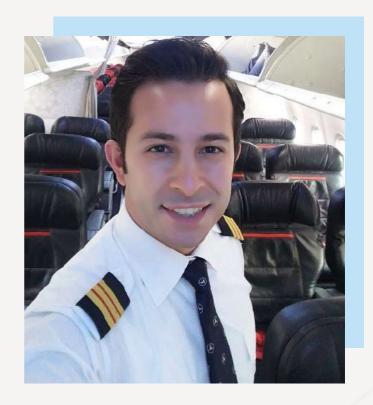
#### **INTERVIEW**

#### **MUSTAFA ONUR ÖZDEMİR:**

"My first and most important advice to students would be to constantly improve themselves. Our self-educated students are now getting jobs with very good income in our country, Europe, Middle Eastern countries and the Arabian peninsula."

Dear Mr. Mustafa Onur Özdemir, thank you for accepting our UBF Monthly E-Bulletin interview request. Can you explain the process to those who want to become aircraft maintenance technicians?

First of all, it should be noted that the process is long and requires patience. School life, which will consist mostly of theoretical knowledge, where we will first learn the basics of aviation: Then, we blend business life with practical training and theoretical knowledge. We need to successfully complete type courses for different aircraft in order to operate the aircraft maintenance license we will receive after achieving appropriate maintenance experience and completing our module exams. Afterwards, after becoming an authorized B1-B2, we continue our business life with an endless learning life to become a self-confident aircraft maintenance technician.





#### **INTERVIEW**

#### What should be taken into consideration to become an aircraft maintenance technician?

Being careful is an essential rule of this business. Must be able to make quick decisions, have good time management, but be able to work quickly without endangering your own health, your friend or the plane. Another point is that no matter how much experience you have, it is important to be careful and carry out every job with the same care and attention.

#### Which chronic diseases prevent us from becoming aircraft maintenance technicians?

Orthopedic disorders, color blindness, hearing impairments, severe eye disorders, and musculoskeletal diseases may prevent you from becoming an aircraft maintenance technician. Even though your work life continues as a result of these illnesses that you may have later, your authority is restricted and the jobs you can work in are restricted. In addition, work accidents such as head injuries and falls from height are common in working life. Unfortunately, as a result of serious injuries, our colleagues may have to continue their work lives in other units.

#### Can aircraft maintenance technicians trained in Turkey work abroad?

In our country, the number of EASA licensed aircraft maintenance technicians is more than the number of DGCA licensed aircraft maintenance technicians. Nowadays, many of our friends who have improved their foreign language have gone abroad, especially England and Germany. This number is increasing exponentially every year. If you only have a Turkish Civil Aviation License, you cannot work as an authorized person in Europe with this license, but you will have the chance to continue as an authorized person in countries such as Qatar, Saudi Arabia and the United Arab Emirates.

### Aircraft maintenance technician is basically divided into two: mechanics and avionics. Can you tell our students about the advantages and disadvantages of these fields?

Our friends who will be B1 are always more sought after in the industry. If 10 B1s are required proportionally for C maintenance of an aircraft in the hangar environment, 2 or 3 B2s will be needed. While experts in the B1 field become more physically tired, B2 colleagues may become more mentally tired due to avionics tests and troubleshooting. While B1 experts work actively in areas such as mechanical and interior structural in all zones and systems, B2 experts are responsible for fewer departments and have more detailed knowledge and equipment.



#### **INTERVIEW**

How do you evaluate the aviation industry in Türkiye and the world? What advice would you give to our students?

After the COVID epidemic, the sector not only returned to its old days with incredible momentum in our country, as in the world, but also raised the bar even higher. My first and most important advice to students would be to constantly improve themselves. Our self-educated friends are now getting jobs with very good income in our country, Europe, Middle Eastern countries and the Arabian peninsula.

Dear Özdemir, we would like to thank you very much for your time and the comprehensive information you provided in the FoAS Monthly e-Bulletin.

I would like to thank you for giving us the chance to communicate with our young students and graduates.

#### Mustafa Onur ÖZDEMİR.

I graduated from Anadolu University, Civil Aviation School, Airframe Engine Maintenance Department in 2011. In the same year, I started working as an aircraft technician at HABOM Inc.., a subsidiary of Turkish Airlines. In 2014, I joined TURKISH TECHNIC and continued my career as a B1 authorized officer in the Airbus 320 series and Boeing 737 aircraft, as a C category in 2020. I will continue my career by joining the FREEBIRD family in 2024.





#### **ERASMUS+**

It is Naim Göktaş, Research Assistant at Istanbul Gelişim University Faculty of Applied Sciences, Department of Electronic Commerce and Management. I'd like to to convey my visit to Radom Academy of Economics in Radom, Poland, within the scope of Erasmus+ staff training mobility and my experiences at this institution.

To join the movement, I flew to Warsaw, the capital of Poland, with a plane departing from Istanbul. On the same day, I went from Warsaw to Radom. On the day the mobility started, the Erasmus+ coordinator of the institution, I met Bartlomiej Swiostek at university. In the coordinator's orientation presentation, he included general information about Radom Academy of Economics, the collaborations and opportunities the institution has. I gave various information to Swiostek. After the orientation presentation, I attended the campus tour organized by the coordinator. As part of the tour, classrooms and workshops were visited and practical information was given about the functioning of the university. After the institution tour, we went to the coordinator's office and the coordinator made a detailed presentation showing the faculty campuses.



Erasmus+ mobility made significant contributions to my academic experience. Meeting different languages and cultures, witnessing the functioning of a university in another country, transferring information about my own university in a foreign language, improving my foreign language skills and strengthening the cooperation between the institution where I work and the institution where I participate in the mobility are the main contributions. I think that internationalization should be among the goals of every faculty member in academic life and that academic staff should be in a different country, culture and academic environment. For this reason, I believe that such mobilities are an opportunity and I recommend all my colleagues to participate in such mobilities.



www.gelisim.edu.tr — 0 212 422 70 00



#### **CULTURE - ART**

#### **ÇEV Art "Young Talents 100th Year Republic"**

At the "Young Talents 100th Year of the Republic" concert, ÇEV Sanat will bring together the talented young artists of our country with the world's most important violin virtuoso, Grammy award-winning Maxim Vengerov on January 8 at Zorlu PSM Turkcell Stage! You are invited to this special night where the premiere of the work composed for the 100th anniversary of the Republic by Prof. Utar Artun, a valuable musician trained by ÇEV Sanat, will also take place.



Location: Zorlu PSM

Date: January 8, 2024, 21:00



#### **The Time Regulation Institute**

Oscillating between East and West, old and new, traditional and modern poles, Ahmet Hamdi Tanpınar's immortal work The Time Regulation Institute meets the audience as a contemporary adaptation where cinema and theater intertwine with an acting feast in which Serkan Keskin takes on dozens of faces.

Location: Zorlu PSM

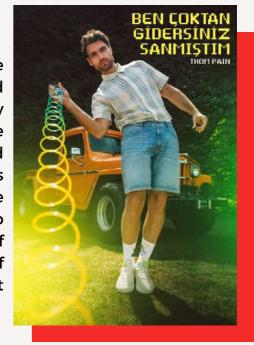
Date: January 14, 2024, 20:00

#### I Thought You'd Already Left

A man, a dictionary, Thom Pain, loneliness, childhood, a bee or words, selfishness, love, losing, loving a lot, losing a lot and a dog; a dog with big eyes. "I Thought You Were Already Gone," a play for those who love and lose a lot, is a close example of real life and the relationship between human and animal. In a world where the jargon of romance is defined as being balanced, spending time together, going out, in a love that is described as perfection in a single word, to understand the pain in these words, serious shocks, loss of vision and the need to stay at home for a year. A brief moment between life and death. Frightening and alluring at the same time.

Location: Zorlu PSM

Date: January 14, 2024, 19:30





#### **CULTURE - ART**

#### **December 3rd World Day of Persons with Disabilities**

World Day of Persons with Disabilities is an international day of awareness celebrated by the United Nations on December 3 since 1992. Organizations are held around the world on this day. The United Nations Convention on the Rights of Persons with Disabilities, which is defined as "to promote and ensure the full and equal enjoyment by persons with disabilities of all human rights and fundamental freedoms and to strengthen respect for human dignity", recognizes that the full and effective participation of persons with disabilities in the life of society with others is essential: prohibits discrimination based on disability.



#### **December 5th Turkish Coffee Day**



On December 5, 2013, Turkish coffee was included in the United Nations Educational, Scientific and Cultural Organization (UNESCO) Intangible Cultural Heritage List. Since then, December 5th of every year is celebrated as "World Turkish Coffee Day" in order to protect the culture and tradition of Turkish coffee.

Coffee is a magic word... Especially when we talk about Turkish coffee, a spark appears in most of us. We use this magical drink in a cup to sober up at the start of the day and to relieve the tiredness of the day. We drink it not only for that, but also when we are in a good mood, when guests come, when asking for a girl, and sometimes for the 40-year memory of a cup of coffee.

#### **December 21**

December 21 is considered the beginning of winter all over the world. Since the Earth completes its revolution around the Sun in 365 days and 6 hours, the winter solstice falls on December 21 in some years, and sometimes on December 22, but most of the time this equinox date is accepted as December 21. In most countries, this date is marked with celebrations.

www.gelisim.edu.tr — 0 212 422 70 00



#### **NEWS FROM SECTOR**

#### The First Surprise of 2024 Was Windows 12!

Microsoft is preparing to announce a new version of Windows with the code name "Hudson Valley" in the second half of 2024. Intel, which comes to our mind first when it comes to processors, also thinks that the new Windows system will enter our lives before the end of 2024. The focus of Windows 12 will be artificial intelligence. In this way, artificial intelligence, which is rapidly integrated into our lives, will become easier to access with this new version. This version, which continues to be developed, will make almost many operations more convenient by using the assistant Copilot AI, which will continue to run constantly in the background. In this world where we live a more technological life every day, a brand new Windows processor seems to make our lives much easier.

**News Link:** https://www.pazarlamasyon.com/2024-un-ilk-surprizi-windows-12-oldu, E.T. 17.12.2023.

#### New Era in Internet Shopping: Consumer Will Pay the Return Shipping Fee!

A change has been made in the return process for online purchases. With the change that will start on January 1, 2025, the consumer will pay the shipping fee for the return of products purchased online. As online shopping has become more widespread in recent years, the return process has been changed as a result of the increasing return transactions at cargo branches causing problems. With the change that will start on January 1, 2025, the consumer will pay the shipping fee for the return of products purchased online. With the decision of the Ministry of Commerce on the 'Regulation on Amendments to the Distance Contracts Regulation', the consumer will be able to exercise his right of withdrawal regarding the product he purchased within 14 days from the delivery date. The consumer will be responsible for covering the return costs. If the product is defective, the consumer will not be held responsible for the costs of returning it. If the consumer requests, the return cost will be offset against the cost of the goods or services to be returned to him/her and the delivery costs.

**News Link:** https://www.donanimhaber.com/kargo-iade-ucretini-tuketici-odeyecek--171877, E.T. 17.12.2023.

#### İzmir, Urla, Çeşme and Bodrum Being Added to the Michelin Guide...

After İstanbul, İzmir, its districts Urla, Çeşme and Muğla's district Bodrum are also added to the Turkey map of the Michelin Guide, which is considered the most prestigious restaurant rating system in the world. Minister of Culture and Tourism Mehmet Nuri Ersoy stated that after Istanbul, Izmir, its districts Urla, Çeşme and Bodrum, the district of Muğla, were added to the Turkey map of the Michelin Guide, which is considered the most prestigious restaurant rating system in the world, and added that the provinces, districts and restaurants are included in the map. He stated that a relevant launch would be made.

**News Link:** https://www.ntv.com.tr/n-life/n-lezzetler/michelin-rehberine-izmir-urla-cesme-vebodrum-ekleniyor,IE-8bcDjmE6lizyxAWEjSw, E.T. 17.12.2023.

Student Team of News From Sector: Aleyna ER - Şule SOYLU - Sude YILDIZ



#### **NEWS FROM SECTOR**

#### Anti-Scam "Review" Feature from Instagram...

Instagram took action to reduce the risk of users being defrauded on the platform. In this context, it created a filter to detect users who send excessive amounts of DMs and follow requests. With the feature launched the other day, accounts that send too many DMs and follow requests will now see the "Review" option instead of "Approve" in their follow requests.

**News Link:** https://www.pazarlamasyon.com/instagram-dan-dolandirici-karsiti-gozden-gecirozelligi, E.T. 17.12.2023.

#### The New Place of TEKNOFEST 2024 Was Announced!

TEKNOFEST, the world's largest space, aviation and technology festival, will be held in Adana next year. Baykar Chairman of the Board of Directors, Selçuk Bayraktar, announced that TEKNOFEST will be held in Adana in 2024. Selçuk Bayraktar, Chairman of the Board of Directors of TEKNOFEST and Chairman of the Board of Trustees of the Turkey Technology Team (T3) Foundation, said in his post on he said.

**News Linki:** https://www.airporthaber.com/havacilik-haberleri/teknofest-2024un-adresi-.belli-oldu.html, E.T. 17.12.2023.

### Citizens of Kosovo Be Able to Travel in the Schengen Area Without a Visa as of January 1, 2024...

Starting from January 1, 2024, Kosovo citizens will be able to travel visa-free in the Schengen area. Following this important development, the Kosovo Government decided to establish the Early Warning Mechanism to regulate the free movement of citizens. Deputy Minister of Internal Affairs Bardhyl Dobra said in his statement on the subject, "This mechanism is a combination of institutions and its main purpose is to examine the trend of migration movement after visa exemption, evaluate the data and recommend measures to be taken for the successful management of the process." This decision aims to effectively monitor and manage migration movements that may arise with visa exemption.

**News Link:** https://www.airporthaber.com/havacilik-haberleri/o-ulkenin-vatandaslarischengen-bolgesine-vizesiz-seyahat-edecek.html, E.T. 17.12.2023.

Student Team of News From Sector: Aleyna ER - Sule SOYLU - Sude YILDIZ



#### **NEWS FROM SECTOR**

#### **New Original Series from Puhutv: "Delicious İstanbul"!**

The thousands of years of journey of İstanbul culinary culture was the subject of a documentary. "Delicious Istanbul" was prepared with inspiration from the new gastronomy center that brings the almost forgotten recipes and traditions of this ancient city's cuisine to the present day. Puhutv original series "Delicious İstanbul" is on air as of Friday, November 17th.

**News Linki:** https://www.ntv.com.tr/video/n-life/puhutvden-yeni-orijinal-seri-lezizistanbul,vgq7hJmgcEOzHWMspsgisA, E.T. 17.12.2023.

#### **Finance and Technologies Summit Held!**

The Finance and Technologies Summit was held in Istanbul on 5-6 December, in cooperation with the Banking Associations of Azerbaijan and Turkey, within the framework of the recommendations of the Council of Banking Associations of Turkish States (TDBBK). At the opening of the meeting, Uzbekistan Banks Association representative Tahir Babamuradov, Kazakhstan Banks Association representative Marat Baitokov, TDBBK Board Deputy Chairman and Azerbaijan Banks Association Board Chairman Zakir Nuriyev, TDBBK Board Chairman and Turkish Banks Association Board Chairman Alpaslan Çakar and CB Finance Office President Prof. Dr. Göksel Aşan spoke. For conference proceedings: You can click on the link: https://www.youtube.com/watch?v=062Sx2eSKcg&list=PLa1Y75NbNdQd3mEfKqtgx9JsRiEW-zn7p&index=2.

**News Link:** https://www.youtube.com/watch? v=062Sx2eSKcg&list=PLa1Y75NbNdQd3mEfKqtgx9JsRiEW-zn7p&index=2, E.T. 17.12.2023.

#### The Dog Abandoned at the Airport Was Adopted!

The little dog, which was abandoned at the airport in Dublin, the capital of Ireland, on December 11, was adopted in a short time. A small dog abandoned at Dublin International Airport was handed over to the My Lovely Horse Rescue team by airport police. The dog was adopted in a short time and will be moved to its new home.

**News Link:** https://www.airporthaber.com/havacilik-haberleri/havalimaninda-terk-edilen-kopek-sahiplendirildi.html, E.T. 17.12.2023.

Student Team of News From Sector: Aleyna ER - Sule SOYLU - Sude YILDIZ



# FACULTY OF APPLIED SCIENCES MONTHLY E-BULLETIN

**DECEMBER 2023 - ISSUE 12** 

#### **MASTHEAD**

#### **ADMINISTRATION**

**Prof. Dr. Kamil Kaya**Dean of the Faculty of Applied Sciences

### **Associate Professor Dr. Sevinç Koçak**Vice Dean of the Faculty of Applied Sciences

**Assistant Professor Dr. Görsev Sönmez**Vice Dean of the Faculty of Applied Sciences

#### **COORDINATOR**

**Associate Professor Dr. Sevinç Koçak** *skocak@gelisim.edu.tr* 

#### **TRANSLATION**

**Research Assistant Niger Hacı** *nihaci@gelisim.edu.tr* 

Research Assistant Ensar Macit enmacit@gelisim.edu.tr

#### WRITING AND GRAPHIC DESIGN

News from IGU News form FoAS Academic Articles Academic Books Congres

**Research Assistant Dr. Engincan Yıldız** enyildiz@gelisim.edu.tr

#### **Events Pages**

Research Assistant Dr. Engincan Yıldız & Assistant Professor Dr. Onur Türker enyildiz@gelisim.edu.tr / oturker@gelisim.edu.tr

#### **Guest Writer of the Month**

Assistant Professor Dr. Hande Ulusoy hulusoy@gelisim.edu.tr

#### **Book Recommendations of the Month**

Research Assistant Rabia Şentürk rsenturk@gelisim.edu.tr

#### **Culture & Art of the Month**

Assistant Professor Dr. Muzaffer Çakmak mcakmak@gelisim.edu.tr

#### **Erasmus+**

**Research Assistant Ensar Macit** enmacit@gelisim.edu.tr

#### **Interview of the Month**

Assistant Professor Dr. Muzaffer Çakmak/ Research Assistant Niger Hacı mcakmak@gelisim.edu.tr/nihaci@gelisim.edu.tr

DECEMBER ISSUE EDITOR
Assistant Professor Dr. Hande Ulusoy

hulusoy@gelisim.edu.tr

#### **News From Our Alumni**

Research Assistant Rabia Şentürk rsenturk@gelisim.edu.tr

#### **News from Sector**

**Associate Professor Dr. Sevinç Koçak** *skocak@gelisim.edu.tr* 

#### **Cover Pages**

**Assistant Professor Dr. Hande Ulusoy** hulusov@gelisim.edu.tr



### **FACULTY OF APPLIED SCIENCES MONTHLY E-BULLETIN**

DECEMBER 2023 - ISSUE 12

Copyright Notice: All rights reserved.

All photos and visuals in the monthly e-bulletin of Faculty of Applied Sciences may not be reproduced without permission, except the news and academic studies for quotations.









X O / iguubf

#### **ISTANBUL GELISIM UNIVERSITY**

Cihangir Mahallesi Şehit Jandarma Komando Er Hakan Öner Sk. No: 1 Avcılar / İstanbul

www.gelisim.edu.tr 0 212 422 70 00