

STRATEGIC COOPERATION BETWEEN IGU AND THE MINISTRY OF INDUSTRY AND TECHNOLOGY: GBS DATA OPENS FOR ACADEMIC RESEARCH!

With the contribution of Research Assistant Cengizhan Güler from Istanbul Gelisim University (IGU), Faculty of Economics, Administrative and Social Sciences, Department of International Trade and Finance (English), an important cooperation protocol has been signed between Istanbul Gelisim University and the Republic of Türkiye Ministry of Industry and Technology. Through this protocol, comprehensive and detailed data within the scope of the Entrepreneur Information System (GBS) have been made available for academic research. As a result, IGU academics have gained access to extensive economic and sectoral data on companies operating in Türkiye.

COMPREHENSIVE DATA, STRONG RESEARCH

The GBS platform provides up-to-date, detailed, and analytical data sets related to companies operating in the fields of industry, technology, trade, and finance. With this cooperation, Istanbul Gelisim University researchers have gained the opportunity to analyze the dynamics of the Turkish economy more deeply, develop data-driven policy recommendations in scientific research, and produce sectoral reports.

The successful completion of this process was made possible through the contributions of IGU Rector Prof. Bahri Şahin, IGU Vice Rector Prof. Necmettin Maraşlı, the Scientific Research Projects (BAP) Coordination Office, the Dean's Office of the Faculty of Economics, Administrative and Social Sciences, and Research Assistant Cengizhan Güler. As a result of the collaborative efforts of all stakeholders, IGU researchers have gained access to a strategic data infrastructure.

IGU'S CONTRIBUTION TO SCIENTIFIC PRODUCTION AND NATIONAL DEVELOPMENT

This protocol supports IGU's vision of "contributing to society through scientific production" and lays the groundwork for developing data-based approaches to Türkiye's industrial and technological policies. Within this scope, IGU academics will be able to conduct innovative and sustainable research focusing on Türkiye's economic ecosystem.

ISTANBUL GELISIM UNIVERSITY (IGU) SOFTWARE ENGINEERING STUDENTS ACHIEVE GREAT SUCCESS IN THE SAYZEK PROGRAM!

Istanbul Gelisim University (IGU) Department of Software Engineering senior students Münevver Busenur Şengül and Merve Akgül have been awarded graduation project support for the 2025–2026 academic year within the scope of the SAYZEK (Defense Industry Talent Acquisition) (Research-Based Project – RBP) Program conducted by the Presidency of Defense Industries.

AI-SUPPORTED THREAT DETECTION AND AUTONOMOUS EVASION SYSTEM

The students' project, titled "Image Processing-Based Multi-Layered Threat Detection and Autonomous Evasion System for Autonomous Aerial Systems," aims to detect elements such as drones, aircraft, helicopters, and missiles in the airspace using only camera-based sensor data, supported by artificial intelligence.

The system calculates the threat levels of the detected elements, verifies friend-or-foe identification through UDP-based position sharing, and performs autonomous evasion maneuvers when necessary.

A DOMESTIC AND COST-EFFECTIVE 'VISUAL SENSOR INTELLIGENCE' ARCHITECTURE

Carried out under the supervision of Assoc. Prof. Serkan Gönen from the IGU Faculty of Engineering and Architecture, Department of Computer Engineering, the project offers a domestic, low-cost, and network-based alternative to high-cost sensors such as radar and lidar.

Through UDP-based position sharing among friendly elements, the system supports visual classification results with positional verification, thus providing a more reliable threat detection and decision-making infrastructure.

This innovative system represents a defense technology R&D project of strategic importance that directly aligns with the vision of the SAYZEK Program and the National Technology Initiative.

ANOTHER PROUD ACHIEVEMENT FROM IGU

Istanbul Gelisim University continues to educate its students with an innovative, productive, and nationally driven technological vision. The university consistently supports its students' achievements in this valuable project, which contributes to the advancement of domestic autonomous systems and defense technologies in Türkiye.

INTERNATIONAL SUCCESS FROM AN IGU ACADEMIC: BEST PAPER AWARD FROM BOSNIA AND HERZEGOVİNA

Assoc. Prof. Mustafa Canakcioglu, Head of the Department of E-Commerce and Management at the Faculty of Applied Sciences, Istanbul Gelisim University, received the “Best Paper Award” at an international conference held in Bosnia and Herzegovina.

A MAJOR ACHIEVEMENT IN THE FIELD OF SCIENCE

From November 5–8, 2025, the NEW HORIZONS 2025 – 10th International Scientific Conference of Transport and Communications, organized by the University of East Sarajevo, Faculty of Transport and Traffic Engineering, took place in Doboj, Bosnia and Herzegovina, bringing together numerous scholars from around the world.

Among the papers presented at this prestigious event, the study titled “Evaluating the Impact of Independent Auditing on the Sustainability Performance of Freight Transportation in a Type-2 Neutrosophic Fuzzy Environment,” co-authored by Assoc. Prof. Mustafa Çanakçıoğlu, was selected as the Best Paper of the Conference, marking a significant international success for Istanbul Gelisim University.

A STUDY FOCUSED ON SUSTAINABILITY IN THE TRANSPORTATION SECTOR

In his research, Assoc. Prof. Canakcioglu analyzed how independent auditing processes can optimize sustainability performance in the transportation industry.

Standing out with its academic rigor, interdisciplinary approach, and data science–based methodology, the study was honored with the award by the international scientific committee for its scientific contribution, methodological innovation, and focus on sustainability.

COMMEMORATION CEREMONY FOR ATATURK HELD AT ISTANBUL GELISIM UNIVERSITY

Gazi Mustafa Kemal Atatürk, the founder of our Republic, was commemorated at Istanbul Gelisim University (IGU) on the 87th anniversary of his passing with ceremonies organized by the university. The commemoration program began with a ceremony held at the Rectorate building. At 09:05, university executives, academic and administrative staff, and students observed a moment of silence for Atatürk, followed by the national anthem. Following the ceremony, an event titled “Who Was Atatürk?” was held at the Mehmet Akif Ersoy Conference Hall. Aimed at helping students better understand Atatürk’s personality, thoughts, and accomplishments, the event highlighted various aspects of his leadership, foresight, patriotism, and modernization vision through different examples.

“THE REPUBLIC IS OUR MOST VALUABLE HERITAGE”

The opening speeches of the event were delivered by Prof. Mustafa Nizamlioğlu, Dean of the Faculty of Health Sciences, and Asst. Prof. A. Yüksel Barut, Director of the Vocational School of Health Services.

Prof. Nizamlioğlu emphasized that Atatürk was not just a soldier or a statesman but a great leader who ensured the rebirth of the nation, stating:

“The Republic, which he called my greatest work, is the most valuable legacy left to us. Today, our duty is to carry this legacy into the future guided by science and contemporary values. Inspired by his words ‘Science is the truest guide in life,’ we continue to raise individuals who embrace scientific thinking as their guide.”

“UNDERSTANDING ATATURK IS MORE IMPORTANT THAN JUST EXPLAINING HIM”

Asst. Prof. Yüksel Barut noted that it is impossible to explain Atatürk in a short time, saying:

“I would like to briefly recall him and introduce him to you through the statements of writers, researchers, and even those who were prisoners during the war.” He then shared anecdotes and historical information about Atatürk’s life.

ATATURK’S LIFE STORY PRESENTED

After the opening speeches, History Teacher Cem Ayas, the event’s speaker, recounted Atatürk’s life from his childhood and youth through his accomplishments over the years. Participants listened to a comprehensive presentation on Atatürk’s mindset and leadership approach.

EMOTIONAL CLOSING WITH ATATURK’S FAVORITE SONGS

At the end of the program, the IGU Youth Choir, Bursa Gençleşen Türküler Project Group, and music and folklore expert Erdiñç Ertüzün performed some of Atatürk’s favorite pieces. The program, which created emotional moments, received high praise from participants.

The commemoration program held at İstanbul Gelisim University once again emphasized the importance of keeping Atatürk’s ideas alive and protecting the values of the Republic.

AN EDUCATION-FOCUSED COLLABORATION PROTOCOL SIGNED BETWEEN ISTANBUL GELISIM UNIVERSITY AND BALPARMAK

A collaboration protocol aimed at supporting sectoral development through education was signed between Istanbul Gelisim University (IGU) and Balparmak. The signing ceremony, hosted by the Faculty of Fine Arts, Department of Gastronomy, was attended by IGU Rector Prof. Bahri Şahin, IGU Secretary-General Assoc. Prof. Serdar Egeli, Head of the Department of Gastronomy Prof. Aslı Albayrak, department academics, and Balparmak executives. During the meeting, in addition to the signed protocol, discussions were held on external stakeholder relations and potential collaborative projects to be conducted jointly with the Department of Gastronomy.

A NEW STEP IN UNIVERSITY–INDUSTRY COLLABORATION

Representatives from Balparmak, including the R&D and Quality Director, EDT Channel Sales Manager, Brand Manager, Corporate Communications Manager, and Corporate Communications Executive, attended the meeting.

The discussions focused on topics such as university–industry collaboration, applied learning environments, external stakeholder contributions, and potential future joint projects. Within the scope of the protocol, the aim is to strengthen cooperation between the university and Balparmak in the fields of education, research, and sectoral applications; and specifically, to enhance external stakeholder relations and joint activities within the Department of Gastronomy.

NEW OPPORTUNITIES FOR GASTRONOMY STUDENTS

Through its collaborations with leading brands in the industry, the Department of Gastronomy at IGU’s Faculty of Fine Arts continues to provide students with extensive opportunities in both theoretical and practical education.

This partnership with Balparmak will not only strengthen academic–sectoral ties across the university but also contribute to making external stakeholder relations within the department more effective.

AIR POLLUTION ON THE AGENDA: POLLUTION AFFECTS THE ENTIRE BODY, NOT JUST THE LUNGS

The recent rise in air pollution has become one of the most serious environmental threats affecting people's quality of life and health worldwide. According to experts, this issue is no longer merely an environmental problem but a global public health crisis. Asst. Prof. Nurten Elkin, Lecturer at Istanbul Gelisim University Faculty of Health Sciences and Public Health Specialist, emphasized the significance of the issue, stating: "Air pollution is one of the biggest obstacles to protecting health and preventing disease. The quality of the air we breathe directly determines both our lifespan and quality of life."

"AIR WE BREATHE CAN POSE A THREAT TO OUR HEALTH"

Asst. Prof. Elkin explained that urbanization, industrialization, and increased use of fossil fuels have brought air pollution to critical levels:

"Today, the air we breathe in cities is often filled with invisible yet extremely harmful particles. Human activities such as traffic, energy production, industry, and forest fires cause the accumulation of sulfur dioxide (SO₂), nitrogen dioxide (NO₂), carbon monoxide (CO), and particulate matter (PM₁₀, PM_{2.5}) in the atmosphere. These substances directly harm the respiratory and cardiovascular systems."

Elkin also highlighted that air pollution ranks third among causes of death related to non-communicable diseases:

"Air pollution is the third leading cause of death after hypertension and tobacco use. This clearly shows the scale of the public health threat we are facing."

“POLLUTION AFFECTS THE WHOLE BODY, NOT JUST THE LUNGS”

Emphasizing that the effects of air pollution are not limited to the respiratory system, Asst. Prof. Elkin stated, “There is no organ unaffected by air pollution,” and continued:

“Pollution triggers a chain reaction that begins in the lungs but impacts the heart, blood vessels, brain, and immune system. Long-term exposure to polluted air increases the risk of heart attacks, stroke, and heart failure. It also weakens the immune system, reducing resistance to infections.”

Asst. Prof. Elkin also discussed the connection between air pollution and conditions such as type 2 diabetes, obesity, Alzheimer’s disease, and depression:

“According to World Health Organization reports, individuals exposed to polluted air for long periods are more likely to develop obesity, diabetes, and neurological diseases. Even symptoms like forgetfulness, lack of concentration, and mental fatigue—what we call ‘brain fog’—may be linked to air pollution.”

“CHILDREN, THE ELDERLY, AND THOSE WITH CHRONIC DISEASES ARE MOST AT RISK”

Asst. Prof. Elkin stated that although air pollution affects everyone, certain groups are much more vulnerable:

“Infants, young children, the elderly, and people with chronic illnesses are the most at-risk groups. Children are particularly affected because their lungs, brains, and organ systems are still developing. Even a fetus can be negatively affected by the quality of air its mother breathes.”

Elkin added that elderly individuals are also at greater risk:

“As people age, immune responses weaken and the body’s ability to filter harmful substances decreases. This increases mortality risk, especially among elderly individuals with cardiovascular and respiratory diseases.”

“ACCESS TO CLEAN AIR IS A FUNDAMENTAL RIGHT”

Referring to the World Health Organization’s Global Air Quality Guidelines, Asst. Prof. Elkin noted:

“WHO has clearly defined the air quality standards necessary to protect human health, based on scientific evidence. These guidelines serve as a reference for countries, which should compare their cities’ air quality to these standards to assess public health risks.”

“WE CAN REDUCE THE IMPACT OF POLLUTION”

Asst. Prof. Elkin emphasized that while eliminating air pollution entirely is a long-term goal, individual precautions can help reduce its effects:

“During periods of heavy pollution, it’s important to limit outdoor activities, use masks, ensure proper ventilation indoors, keep air-purifying plants at home, and exercise in green areas whenever possible. A diet rich in antioxidants and vitamins C and E can also strengthen the body against free radicals.”

“HIGHER RISK IN INDUSTRIALIZED CITIES”

Elkin warned that, “The level of air pollution in industrial zones and large cities is significantly higher than in rural areas. Therefore, urban planning should focus on increasing green spaces, promoting the use of public transportation, and expanding clean energy sources.”

Asst. Prof. Nurten Elkin stressed that the fight against air pollution should not only be viewed as an environmental policy but also as a comprehensive public health strategy.

IGU PARTICIPATED IN THE TURKISH UNIVERSITY SPORTS FEDERATION COORDINATION MEETING

The Coordination Meeting of the Turkish University Sports Federation, held in Antalya, brought together key stakeholders who support the development of university sports. Istanbul Gelisim University was represented at the meeting by Prof. Ali Kızılet, Dean of the Faculty of Sports Sciences, and Kaan Oğulcan Hanbaba, Sports Coordinator of the Department of Health, Culture and Sports.

EFFECTIVE COLLABORATION IN NEW TERM ACTIVITY PLANS

During the meeting, topics such as expanding the reach of university sports, improving organizational processes, and strengthening activity plans for the new term were discussed in detail. Prof. Ali Kızılet, Dean of IGU Faculty of Sports Sciences, and Kaan Oğulcan Hanbaba, Sports Coordinator of IGU HCSDB, made active contributions both to the evaluation of the current operations and to the development of future-oriented proposals.

The discussions, held to ensure that new-term sports organizations adopt a more efficient, participatory, and sustainable structure, once again emphasized the importance of inter-university collaboration. By taking part in platforms that support the development of sports, Istanbul Gelisim University once again demonstrated its commitment to enhancing students' athletic competencies and strengthening the university sports culture.

A VISIT TO TEKMER BY IGU VOCATIONAL SCHOOL STUDENTS THAT WILL SHAPE FUTURE PROJECTS

Students and academicians from Istanbul Gelisim University Vocational School's Front-End Software Development Program visited Istanbul Gelisim University TEKMER, gaining the opportunity to closely examine current processes in software, technology, and entrepreneurship. The visit served as a productive meeting that will guide future projects for both students and academics.

EXAMINATION OF TEKMER'S TECHNOLOGICAL INFRASTRUCTURE AND INNOVATION CAPACITY

In the first part of the visit, students had the chance to explore TEKMER's advanced technological infrastructure, laboratory facilities, and project development areas in detail. Informative presentations were delivered on how the center's technical resources can be integrated into students' software development processes.

A CLOSER LOOK AT PROJECT DEVELOPMENT AND INCUBATION PROCESSES

Students listened to experts explain the project development, incubation, mentorship, and commercialization processes carried out within TEKMER. Comprehensive information was shared on how entrepreneurial ideas are refined, the stages they go through, and how technical and managerial support mechanisms function. In this way, students closely observed how software-related projects grow through academic-industry collaboration.

A GATEWAY TO INTERNSHIP, COLLABORATION, AND CAREER OPPORTUNITIES

An important part of the visit included briefings on internship, collaboration, and career opportunities offered by TEKMER-affiliated companies operating in the software field. Students had the chance to communicate directly with industry representatives, gain insights into real working environments, and build connections that could shape their future career plans.

PRODUCTIVE MEETINGS FOR ACADEMIC AND INDUSTRIAL COLLABORATION

During the meetings between accompanying academicians and TEKMER managers, extensive evaluations were made regarding potential future joint projects, sectoral collaborations, software-focused research, and innovative applications. These discussions opened the door to new opportunities that will strengthen the integration of academic studies with industry.



IGU CONTINUES CONTRIBUTING TO THE TECHNOLOGY AND ENTREPRENEURSHIP ECOSYSTEM

This visit provided students with valuable insights into observing professional practices on-site, understanding technology production processes, and getting acquainted with the culture of entrepreneurship. Additionally, the meetings held by the academicians laid the groundwork for the university to gain a stronger position in technology-oriented projects.

Istanbul Gelisim University continues to add value to the technology and entrepreneurship ecosystem with its innovative educational approach and sectoral collaborations.