

“FROM FUNDAMENTALS TO APPLICATIONS: MATLAB TRAINING” BEGINS AT ISTANBUL GELISIM UNIVERSITY

Istanbul Gelisim University held the opening of the project titled “From Fundamentals to Applications: MATLAB Training”, organized within the scope of TUBITAK 2237-A Training Activities, on January 5, 2026. The training, conducted in the PC-254 laboratory at Istanbul Gelisim University, will provide in-depth knowledge of fundamental MATLAB commands and applications.

A MATLAB JOURNEY FROM ACADEMIA TO PRACTICE

The project “From Fundamentals to Applications: MATLAB Training”, organized within the scope of TUBITAK 2237-A Training Activities, is led by Asst. Prof. Ceyda Cevahir Yıldız, Faculty Member of the Computer Programming Department at Istanbul Gelisim Vocational School.

The training staff includes Lect. Ali Çetinkaya from the Electronics Technology Program, Lect. Çisem Yaşar from the Computer Technologies Program, and Lect. Sena Nur Benli from the Computer Programming Program at Istanbul Gelisim Vocational School; Lect. Tuğba Saray Çetinkaya from the Front-End Software Development Program at Yalova University Yalova Vocational School; and Lect. Volkan Cantemir from the Information Security Technologies Program at Sakarya University of Applied Sciences Vocational School of Information Technologies.

PARTICIPANTS WILL LEARN TO USE MATLAB IN ADVANCED TOPICS SUCH AS ARTIFICIAL INTELLIGENCE AND IMAGE PROCESSING

In her opening speech, Asst. Prof. Ceyda Cevahir Yıldız emphasized that MATLAB plays a critical role not only in engineering and scientific research but also in fields such as biomedical engineering, stating:

“MATLAB provides great convenience, especially in areas such as mathematical modeling, image processing, and artificial intelligence. In this training, participants will learn how to use MATLAB in advanced topics like artificial intelligence and image processing.”

MATLAB'S WIDE RANGE OF APPLICATIONS WILL BE ADDRESSED PRACTICALLY

Within the scope of the training, MATLAB's broad range of applications from mathematical functions to graphs and surface plots will be addressed through hands-on practice. During the first three days, participants will build a strong foundation by learning MATLAB's basic commands.

Through such training programs, Istanbul Gelisim University aims to enhance students' technological skills and introduce them to up-to-date tools used in the industry. Thanks to the MATLAB training, participants will gain competencies to work effectively in engineering and scientific analyses, and by the end of the program, they will have the knowledge and experience to use MATLAB at a professional level. With its innovative and practice-oriented educational approach, Istanbul Gelisim University continues to train qualified individuals for the engineering world of the future.

FULL SUPPORT FROM IGU LIBRARIES TO STUDENTS DURING THE FINAL PERIOD

Istanbul Gelisim University (IGU) continues to provide exam-period support to help students carry out their academic work more efficiently during finals week. The Health Sciences Library, located in the A Block Rectorate Building and open 24 hours a day on weekdays, will offer hot soup starting from 5:30 p.m. The library will be open on Saturdays between 11:00 a.m. and 5:00 p.m., and will be closed on Sundays. The Central Library, which is open until 9:00 p.m. on weekdays, will operate between 11:00 a.m. and 8:00 p.m. on Saturdays and Sundays during the exam period.

MORAL SUPPORT FOR STUDENTS STUDYING THROUGH THE NIGHT

Students studying late into the night at the Health Sciences Library in the A Block Rectorate Building will be able to take a short break and boost their motivation with the free hot soup served every weekday starting from 5:30 p.m. In addition, quiet and orderly study areas, powerful computer equipment, and high-speed internet infrastructure will allow students to continue their exam preparations without interruption.

EASY ACCESS TO ACADEMIC RESOURCES

The extensive resource collections available in the libraries, along with technological infrastructure and ergonomic study areas, will enable students to study efficiently for long hours. Students will be able to access the academic content they need quickly and easily.

IGU'S STUDENT-ORIENTED APPROACH CONTINUES DURING FINALS WEEK

The soup service offered during exam weeks has been well received by students and stands out as a concrete example of IGU's student-centered educational approach. University administration stated that such supportive practices will continue in the coming terms and wished all students success in their exams.

ISTANBUL GELISIM UNIVERSITY TAKES AN INTERNATIONAL STEP IN NEUROSCIENCE: STRATEGIC RESEARCH PARTNERSHIP WITH JAPAN-BASED KYOWA HAKKO BIO

Istanbul Gelisim University (IGU) Life Sciences and Biomedical Engineering Application and Research Center has signed an important collaborative research agreement with Kyowa Hakko Bio Co., Ltd., a company operating in Tokyo, Japan, in the fields of neuroscience and biomedical research. This agreement strengthens the university's international scientific network while paving the way for innovative studies in neuroscience.

THE EFFECTS OF CITICOLINE ON NEURAL HEALTH TO BE EXAMINED MULTIDimensionALLY

The project titled "Integrative Transcriptomic, Proteomic, and Metabolic Profiling of Citicoline Effects on Neuronal Cells" aims to comprehensively investigate the effects of Citicoline (Cognizin), a compound developed by Kyowa Hakko Bio, on nerve cells through a multidisciplinary scientific approach. The research seeks to generate new data on neural health and neuroprotection strategies.

THE RESEARCH IS LED BY ISTANBUL GELISIM UNIVERSITY ACADEMICS

The project is led by Asst. Prof. Onur Dirican, Vice Director of the Life Sciences and Biomedical Engineering Application and Research Center at Istanbul Gelisim University. Asst. Prof. Abbas Ali Husseini also takes part in the project as a center researcher. The research team plans to conduct its studies under the coordination of the IGU Life Sciences and Biomedical Engineering Application and Research Center.

“THIS COLLABORATION IS A SIGN OF TRUST IN OUR SCIENTIFIC CAPACITY”

Speaking at the signing ceremony, Asst. Prof. Serap Yeşilkır Baydar, Director of the Life Sciences and Biomedical Engineering Application and Research Center, emphasized that this collaboration is a concrete indication of the international trust placed in the university’s scientific infrastructure. She stated that the partnership will make significant contributions to research in the field of neuroprotection and further advance global collaborations in life sciences.

IGU AT THE FOREFRONT OF BIOMEDICAL RESEARCH

With this strategic collaboration, Istanbul Gelisim University has taken another step forward toward its goal of becoming a leading institution in biomedical and neuroscience research at the international level. IGU once again demonstrated its determination to maintain its vision of producing innovative contributions to human health through its strong scientific structure, robust international partnerships, and commitment to excellence in research.

ACADEMIA AND INDUSTRY TOGETHER: IGU DELEGATION VISITS BALPARMAK

Istanbul Gelişim University (IGU) paid a technical visit to Balparmak, one of the leading organizations in the gastronomy world, in order to crown the education protocol signed between the two institutions with academic projects. The delegation, consisting of IGU Secretary General Assoc. Prof. Serdar Egeli, Dean of the Faculty of Fine Arts and Head of the Department of Gastronomy and Culinary Arts Prof. Aslı Albayrak, and Asst. Prof. Mehtap Çerkez Uçar, evaluated joint R&D activities and upcoming-term events during the visit.

ACADEMIC COLLABORATION ACTIVITIES DISCUSSED

Following the earlier hosting of Balparmak representatives at Istanbul Gelisim University, the visit was carried out upon the company's invitation. During the meetings, joint academic projects in the field of gastronomy, practical studies, and event plans were discussed. Topics aimed at developing sustainable university–industry collaboration were also evaluated.

As part of the program, the R&D centers operating within Balparmak were visited. The delegation received information about the company's research and development activities, product development processes, and quality-oriented practices.

EDUCATION–INDUSTRY COLLABORATION IS STRENGTHENING

The visit, carried out in line with the previously signed education-focused cooperation protocol between Istanbul Gelisim University and Balparmak, is expected to contribute to increasing academic studies and sectoral interaction in the field of gastronomy.

ACADEMIC EVALUATION OF THE GUC PROGRAM BY IGU: YOUTH PLACED AT THE CENTER OF PRODUCTION

The Youth in the Age of Production (GÜÇ) Program, announced to the public by the President of the Republic of Türkiye, Recep Tayyip Erdoğan, aims to usher in a new era in Türkiye with its comprehensive structure and multidimensional approach to youth employment. The program seeks to provide approximately 3.5 million young people with employment and social security within three years. Istanbul Gelisim University (IGU) Career Guidance Application and Research Center Deputy Director, Asst. Prof. Kenan Akpınar, shared his evaluations of the program.

YOUTH IN PRODUCTION WITH A 10% INTERN QUOTA

Asst. Prof. Kenan Akpınar evaluated the GÜÇ Program from the perspectives of universities, university students, graduates, public institutions, and the private sector, emphasizing that the program assigns a new and powerful mission to university career centers in particular.

Akpınar stated that the obligation introduced under the GÜÇ Program requiring companies and public institutions to employ interns at a rate of 10% will enable young people to engage with the business world at an early age and in a qualified manner. He noted that this regulation transforms internships from a voluntary practice into an institutional and sustainable career mechanism:

“This regulation is a structural step that enables university students to become involved in productive life while their education continues. At the same time, it makes university–industry collaboration permanent.”

SALARY AND INSURANCE SUPPORT FOR UNIVERSITY GRADUATES

Pointing out that the program also offers significant opportunities for university graduates, Akpınar stated that the supports provided during the initial employment phase would reduce the so-called “experience barrier.” Within the scope of the GÜÇ Program, it is aimed to implement the following supports for graduates:

Coverage of the first six months of salaries by the state,

Updating professional skills through active labor force and adaptation programs,

Guidance toward sustainable employment areas aligned with individuals’ qualifications.

AN END TO INFORMAL EMPLOYMENT, A STEP TOWARD SOCIAL SECURITY

Defined as a “Youth Employment Initiative,” the GÜÇ Program aims to prevent informal employment among young people, integrate them into the social security system, and implement a new income-based model for young people who cannot work continuously.

Providing an academic assessment of the program, Akpınar noted that although the main objectives of the program have been announced, the implementation regulations have not yet been published. He stated that once these regulations are clarified, the effects on internships and graduate employment can be analyzed more accurately.

STRONG SUPPORT FOR YOUTH FROM IGU

With its robust career center infrastructure, sectoral partnerships, and practice-oriented education approach, Istanbul Gelisim University is preparing to become one of the strongest stakeholders of the GÜÇ Program in the field. By strengthening university–public–private sector collaboration, IGU aims to contribute to the effective and sustainable participation of young people in productive life.

A CULTURAL HERITAGE–FOCUSED JOINT DOCUMENTARY BY IGU AND THE UNIVERSITY OF HILLA, IRAQ

Within the scope of the previously signed cooperation protocol between Istanbul Gelisim University (IGU) and the University of Hilla (Babylon – Iraq), strong steps were planned in many areas, including student and academic exchange, joint symposia, scientific projects, workshops, and the Gelisim Film Academy. In line with this vision, Istanbul Gelisim University (IGU) and the University of Hilla have joined forces to bring Babylon, one of the most magnificent civilizations in history, to the screen. Directed by internationally award-winning director Asst. Prof. Ahmet Bikiç, the documentary project actively involved students from both universities at every stage of the production process. Currently in production, the documentary “Babylon” blends the mysteries of the ancient city with the modern world’s vision of sustainability.

TWO COUNTRIES, ONE PROJECT

The first phase of filming took place at the University of Hilla in Iraq. Students from the University of Hilla took on hands-on roles in camera work, lighting, and editing, gaining the opportunity to put their theoretical knowledge into practice.

The second stop of the project was Istanbul Gelisim University. With strong participation from students of the Faculty of Fine Arts (FFA), filming was completed in the impressive atmosphere of the IGU Central Library. Students experienced working in a professional set environment.

“WE CARRY THE HERITAGE OF CIVILIZATIONS INTO THE FUTURE”

Asst. Prof. Ahmet Bikiç, Director of the documentary and Deputy Head of the Public Relations and Promotion Department at IGU, shared the following remarks about the project:

“Babylon is not merely a remnant of the past; it is a monumental heritage that can inspire today’s world in terms of urbanism and harmony with nature. With this project, we reinterpret this ancient culture through the lens of sustainability while bringing together students from two different cultures on a shared artistic platform. The performance our students demonstrated at every stage of the set further enhanced the artistic depth of the project.”

FOCUSING ON HIGH-QUALITY ARTISTIC PRODUCTION

Filming of the documentary continues with great care, and its gala premiere is scheduled for February. Immediately after the gala, the “Babylon” documentary will begin its global journey, representing Turkey and Iraq at international film festivals.

Through this documentary project, Istanbul Gelisim University once again demonstrates its educational vision of integrating cultural heritage with academic production and encouraging students to take active responsibility in international projects. By being directly involved in camera, editing, lighting, and production processes, students had the opportunity to reinforce their theoretical knowledge through hands-on experience.