



**Istanbul Gelisim  
Vocational School**



# **IGVS**

## **Monthly E-Bulletin**

**May**

**2025**

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[myo.gelisim.edu.tr](http://myo.gelisim.edu.tr)

Dear Young People,

Istanbul Gelisim Vocational School, which started its education life in 2008, started to publish a monthly E-Bulletin as of 2021. We are very happy to bring you the May issue of our e-bulletin and to share with you the developments in our Vocational School. I believe you will enjoy reading our bulletin and I present my greetings and respect with the hope of meeting you in a new issue.

You can follow all the developments in our Vocational School on our social media channels.

Director of IGVS  
Assoc. Prof. Mehmet SOYAL



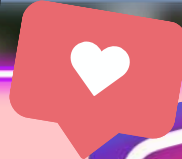
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*\* IGVS E-Bulletin has been  
prepared according to the Turkish  
Higher Education Quality Council  
(THEQC) criteria.*



# LEADERSHIP

## ACADEMICIANS FROM IGU ARE ON THE "BEST SCIENTISTS" LIST OF THE WORLD AND COUNTRIES!

Research.com, one of the world's leading research and academia portals, has announced the list of the "Best Scientists" of the world and countries. Istanbul Gelisim University academics were shown among the best scientists in Turkey and the world with their degrees in "Engineering and Technology", "Economy and Finance" and "Neuroscience".

Great success in the fields of "Engineering and Technology",  
"Economics and Finance" and "Neuroscience"!

Istanbul Gelisim University, which is modern, developing, producing and advancing with an understanding of quality education, stands out with its science, technology and R&D studies. According to the list created on the basis of the D-index created for the purpose of measuring, evaluating and monitoring the performance of scientists in terms of scientific productivity. 3 academicians from Istanbul Gelisim University were included in the list of "Best Scientists" with their successful work.

Istanbul Gelisim University Rector Prof. Dr. Bahri Şahin ranked 17th among 47 scientists from Turkey and 4020th in the world in the field of Engineering and Technology.

Prof. Dr. Kemal Sıtkı Türker from IGU Faculty of Dentistry achieved an important success by being 4th among 6 scientists from Turkey and 5870th in the world.

Asst. Prof. Dr. Festus Victor from the Faculty of Economics, Administrative and Social Sciences of IGU was the only scientist from Turkey to be ranked in the field of Economics and Finance, and he was ranked 1183 in the world.





SCIMAGO  
INSTITUTIONS  
RANKINGS

## ***SCImago 2024 results have been announced: IGU is in the top 5 in the field of research!***

The results of "SCImago University Rankings 2024", which ranks the scientific research, innovation and social impacts of world universities according to SCOPUS publication and citation data, have been announced. Standing out with its work in research areas, Istanbul Gelisim University ranked 5th among Turkish universities in the field of research and 25th in all fields. It attracted attention with the results it received in the categories of Economy, Environmental Science, Business Administration, Energy, Social Sciences and Engineering.

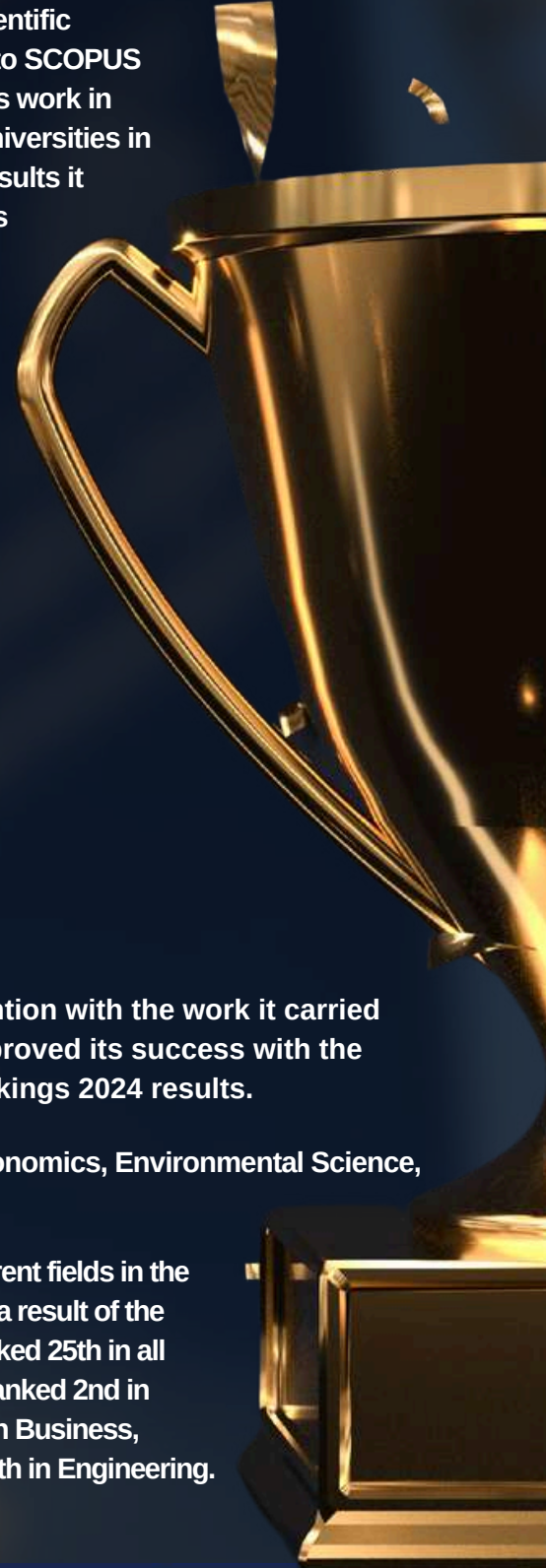
The results of "SCImago University Rankings 2024", which measures the social, scientific impact and innovation of universities around the world, have been announced. Aiming to give a general idea about universities by measuring their performance in terms of research, innovation and social impact, SCImago University Ranking helps students obtain information about a university's education quality, effectiveness and prestige.



Proceeding with the vision of "World University", IGU attracted attention with the work it carried out for its students and the opportunities it provided. It once again proved its success with the degrees it received in different fields in the SCImago University Rankings 2024 results.

Remarkable success among Turkish universities in the categories of Economics, Environmental Science, Business Administration, Energy, Social Sciences and Engineering!

Istanbul Gelisim University draws attention with its research studies in different fields in the 2024 results of SCImago, one of the university evaluation organizations. As a result of the evaluation made on SCOPUS research data, Istanbul Gelisim University ranked 25th in all fields and 5th in the field of research among Turkish universities. IGU also ranked 2nd in Economics, Econometrics and Finance, 4th in Environmental Science, 7th in Business, Management and Accounting, 8th in Energy, 13th in Social Sciences and 14th in Engineering.





## IGU achieved great success by being in the 1001-1200 rankings in THE World Universities Ranking 2025



Istanbul Gelisim University has achieved great success by ranking in the top 500 in the field of Research Quality in the list of THE World Universities Ranking 2025, which includes many well-established institutions such as Oxford University, Massachusetts Institute of Technology (MIT) and Harvard University.

Times Higher Education (THE), the London-based international higher education rating agency, announced the World University Rankings for 2025. The ranking was evaluated with the criteria of Education, Research Environment, Research Quality, Industry and International Outlook between 2019-2023. In this process, those who met various criteria from approximately 40,000 universities worldwide were included in the ranking. While there are more than 2,000 institutions in this ranking, Türkiye has achieved a historical success by being represented by 91 universities. In addition, 12 Turkish universities were included in the top 1000.

IGU, which achieved a significant success in the World Universities Ranking 2025, was ranked in the 1001-1200 in the world in general rankings, being 13th among Turkish universities and 8th among foundation universities.

IGU, which ranks 473rd in the world with Research Quality field, was listed as the 3rd among Turkish universities and as the 2nd among foundation universities. In the field of International Outlook, it ranked 596th in the world, and 5th in Türkiye. The success of IGU in the rankings shows the university's commitment to high-quality education and research and its compliance with international standards. IGU, which advances to the vision of the world university, takes firm steps towards becoming a globally recognized university by supporting its research activities while providing an innovative and contemporary education to its students.



***“This achievement is not only a ranking; it is also a reflection of our understanding of academic excellence and innovative education”***

Istanbul Gelisim University Rector Prof. Bahri Şahin: “As Istanbul Gelisim University, we are proud to be among the top 500 universities in the field of Research Quality in the Times Higher Education (THE) World Universities Ranking 2025. The fact that we are ranked 8th among the foundation universities in Turkey by being in the 1001-1200 in the general rankings in the international arena is a result of the intense efforts and dedication we carry out together. This achievement is not only a ranking; it is also a reflection of our understanding of academic excellence and innovative education. Our vision is to provide our students with the highest quality education, making them individuals who can compete on a global level. We aim to be a pioneer in knowledge production with our studies in the field of research and innovation. I would like to thank all our academicians and stakeholders of our university who contributed to achieving this success. We will continue to work to achieve many more achievements that will strengthen the presence of IGU in the international arena by continuing to move forward with determination to achieve larger goals in the future.”

Commenting on Türkiye's success in the Times Higher Education (THE) 2025 World University Rankings, THE Global President Phil Baty stated, “The increase in the number of Turkish universities in the top rankings is an indication that Türkiye has made rapid progress in terms of research and education quality. It is really great to observe this and we think it will go higher in the rankings of universities.”



# IGU has risen 23 places in the overall ranking!

According to the results announced by Round University Ranking (RUR), one of the institutions ranking universities in the world, Istanbul Gelisim University rose 23 places in the world with 1099th. IGU, on the other hand, ranked 48th among universities in Türkiye and 18th among foundation universities.



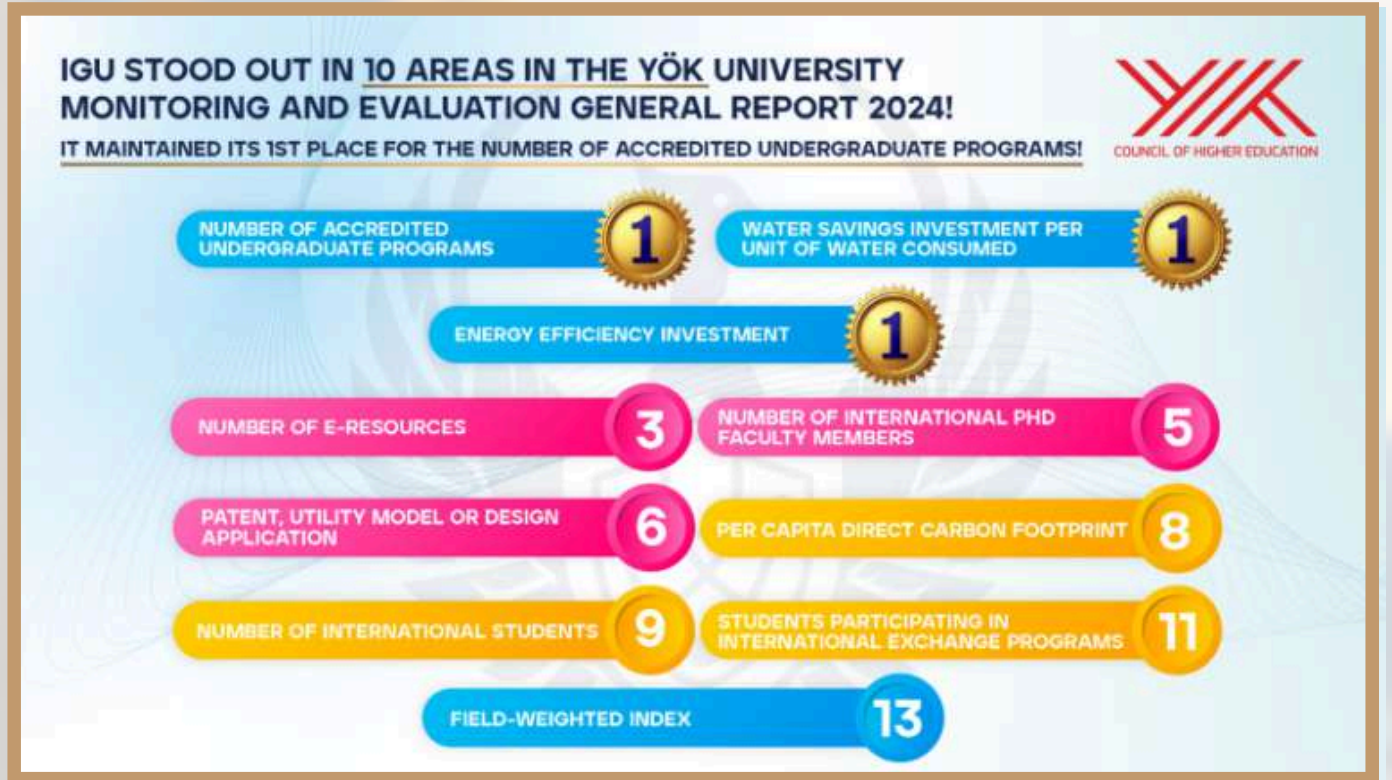
Continuing to progress with the vision of "World University", Istanbul Gelisim University (IGU) has achieved a significant success in the international arena and increased its place in the RUR 2024 World Universities Ranking by 23 steps compared to last year. According to the list published by the RUR Rankings Agency for 15 years, IGU ranked 48th in Türkiye and 18th among foundation universities in Türkiye this year.

Round University Ranking (RUR), one of the prestigious organizations ranking world universities, announced the results of 2024. RUR, which evaluates the leading universities around the world according to a total of 20 indicators under the headings of teaching, research, international diversity and financial sustainability, bases its ranking on certain criteria. When determining the scores of universities, teaching and research dimensions are reflected in the total score as 40 percent, and international diversity and financial sustainability indicators are reflected in the total score as 10 percent.

According to the ranking explained in the indicators of Teaching, Research, International Diversity and Financial Sustainability, IGU ranked 1113th in the world in the 'Teaching' indicator and 15th among foundation universities in Türkiye. While maintaining its place in the 'Research' indicator last year, it ranked 1017th in the world ranking and 16th among foundation universities by increasing its score. IGU, which achieved global success with its internationalization strategies, continued its success in the 'International Diversity' indicator and ranked 730th in the world and 16th among the foundation universities in Türkiye, while it ranked 1106th in the world and 16th in the foundation universities in the 'Financial Sustainability' indicator.

# YÖK evaluated universities: IGU ranked 1st in 3 categories

The "University Monitoring and Evaluation General Report-2024" prepared by the Council of Higher Education (YÖK) was published. Istanbul Gelisim University (IGU), which stood out in 6 fields last year, stood out in 10 fields this year with its studies. While IGU was at the top with its studies in the field of water saving investment and energy efficiency investment per the amount of water consumed in the "Sustainability" category, which is one of the evaluations made by the Council of Higher Education, it maintained its 1st place as the university with the most accredited undergraduate programs.



The "University Monitoring and Evaluation General Report-2024", in which the Council of Higher Education evaluated 201 universities in Turkey according to 64 different indicators, was published. Istanbul Gelisim University (IGU) ranked 1st in the university category, where the use of energy efficiency investment and water saving investment per the amount of water consumed was the highest. IGU, which took firm steps towards internationalization, maintained its 1st place as the university with the most accredited undergraduate programs among both state and foundation universities.



### IGU entered the rankings in 10 different indicators in 4 different categories

Istanbul Gelisim University, which proceeds with the vision of "Research University ", ranked 6th in the category of "applied patent, useful model or design" in the field of " Research-Development, Project and Publication" according to 2024 data, and 13th in the category of "Field-weighted citation impact". In the "University Monitoring and Evaluation General Report-2024"; IGU, which is the 1st university with the most accredited undergraduate programs in the field of "Education and Training", ranked 3rd in the "Number of E-Resources" category.

Advancing with the vision of the world university, IGU ranked 5th in the category of "Number of international doctoral academicians employed" in the field of "Internationalization", 9th in the category of "Number of international students" and 11th in the category of "Number of students participating in exchange programs".

### Success in 3 different indicators in the sustainability field!

Istanbul Gelisim University, which attaches importance to sustainability studies in all areas, especially environmental sustainability by adopting the "Sustainable Development Goals", once again emphasized the importance it attaches to the practices for the effective use of natural resources as the 8th in the category of "Direct carbon footprint per capita" as well as its first place in the categories of "energy efficiency investment use" and "water saving investment per amount of water consumed" in the field of "Sustainability" in the 2024 report.



### ***"We act with a strong spirit of cooperation to shape the future"***

*Istanbul Gelisim University Rector Prof. Bahri Şahin underlined the success of IGU in 10 fields in the University Monitoring and Evaluation General Report-2024, which maintains its 1st place as the university with the most accredited undergraduate program among both state and foundation universities. Prof. Şahin also added: We are proud of the studies we have carried out on many issues such as rapidly developing technology, climate and environmental problems, global conflicts, changes in social needs, employment and economic crises, which YÖK President Prof. Erol Özvar said these are the issues that higher education will seek solutions in the coming period. As a university, we adopt the United Nations Sustainable Development Goals with the aim of leaving a more livable world for future generations. Sustainability is critical not only for the world, but also for humanity, and achieving this goal is a shared responsibility of all of us. In this regard, we aim to develop innovative solutions and increase social benefit by giving special importance to our education and research activities. We act in a strong spirit of cooperation to shape the future."*

## Istanbul Gelisim University received YÖKAK Corporate Accreditation for 5 years!

Istanbul Gelisim University (IGU) was fully accredited for 5 years as a result of the institutional accreditation evaluation carried out by the Higher Education Quality Board (YÖKAK). After the detailed audit process in December, IGU was entitled to receive accreditation at the highest level with the high standards it has shown in the fields of education, research and development, management system and community service.



**İstanbul Gelişim Üniversitesi,  
YÖKAK tarafından  
5 yıl süreyle tam akredite edildi!**

Üniversitemiz, eğitim-öğretim, araştırma, yönetim ve topluma hizmet alanlarındaki kalite standartlarını sağlayarak, Yükseköğretim Kalite Kurulu (YÖKAK) tarafından **5 yıl süreyle "Kurumsal Akreditasyon Belgesi" almaya hak kazandı.**



Institutional accreditation is an important process that evaluates whether universities meet the quality standards set in the fields of education, research, management and community service. This rigorous evaluation process carried out by YÖKAK aims to increase the competitiveness of higher education institutions on a national and international scale and to ensure that they establish a transparent and sustainable quality assurance system. Universities that are entitled to receive institutional accreditation prove that they successfully manage quality processes, adopt sustainable development in education and effectively fulfill their mission of adding value to society. Istanbul Gelisim University successfully completed this important process and made its name among the few universities in Türkiye that received full accreditation.

Click [here](#) to access the source of the news.



# Cybershield Innovators Cyber Security Training Program applications have started!

The application process for the cyber security training program titled "CyberShield Innovators: Drivers of the Future of Digital Security", which was implemented in cooperation with Istanbul Gelisim University and the Germany-based Proficiency Institute and with the support of the European Institute of Innovation and Technology (EIT), has started. The program aims to train a new generation of ethically responsible cybersecurity professionals with high technical equipment against rapidly increasing threats in the digital world.



## Intensive and practical training process

The program, which will be held online from June to September 2025, offers a comprehensive curriculum of 80 hours in total. Participants will receive in-depth training in modules ranging from basic cybersecurity knowledge to advanced penetration tests, from artificial intelligence-powered threat analysis to open source intelligence. The content of the training was designed in accordance with levels 4-6 of the European Qualifications Framework.

## Course Modules:

- Cybersecurity Basics (10 hours)
- Network Basics (10 hours)
- Linux Basics (4 hours)
- Open Source Intelligence – OSINT (10 hours)
- Network and System Penetration Test (39 hours)
- Artificial Intelligence Applications (5 hours)
- Career Planning (2 hours)

### International certification and mentoring support

Participants who successfully complete the program will receive a certificate of achievement issued by the training provider and ECTS-compliant academic certification in addition to the European Institute of Innovation and Technology (EIT) -approved international certification. In addition, mentoring support will be provided to the participants throughout the program and the opportunity to work with various international trainers will be provided.

In applications to the program, which will accept a total of 800 people, priority will be given to female participants and it will be aimed that at least 30% of the participants will be women. During the selection process, priority will be given to candidates with a strong technical background and high motivation. If deemed necessary, short interviews will be held with the candidates.

New graduates, professionals who want to turn to the field of cyber security and individuals who want to deepen their expertise in the field of IT will be able to apply to the training program.

### Application Information

- **Application Deadline: May 31, 2025**
- **Application Form: <https://csinnovator.com/en/account/register>**
- **Contact: [info@csinnovator.com](mailto:info@csinnovator.com)**
- **Website: <https://csinnovator.com/en/>**

The CyberShield Innovators Program, which offers a unique opportunity for those who want to specialize in cybersecurity at international standards, calls for building the future of digital security together.





## **TUSAŞ The Hangar Campus Program has started: Ideas are competing in space and satellite systems!**

Istanbul Gelisim University (IGU) takes part in the "Innovative Technological Solutions and Business Models for Space and Satellite Systems" competition organized within the scope of the 2025 Hangar Campus Program with its three teams. With this year's theme, the Hangar Campus program invites young entrepreneurs and university students to leave their mark in the field of space technologies once again. The competition supports participating projects in a wide range of innovations from satellite communications to environmental monitoring, from integrated threat assessment systems to smart satellite networks.

### **The door to the future with a wide-ranging theme**

The Hangar Campus program for 2025 aims to support a wide range of innovative ideas, from satellite communications to environmental monitoring, from integrated threat assessment systems to smart satellite networks. The program, which is open to the participation of associate, undergraduate, graduate and doctoral students, aims to highlight projects that will produce added value.

### **Teams are supported by training and technical visits**

Aiming to contribute to Türkiye's vision in the field of space, Hangar Campus contributes to the development of innovative business ideas and supports the technical and sectoral knowledge of the participating teams. In this context, the teams competing in the program had the opportunity to develop their projects by receiving entrepreneurship training. In addition, with the technical visit to TUSAŞ (Turkish Aerospace Industry Inc.), one of the leading institutions of the defense and aviation industry, students had an inspiring experience by making direct contact with the sector.

#### **Teams representing Istanbul Gelisim University**

- Cyber-SAT Team
- TECH-SAT Team
- Nova VortEX Team

This year's Hangar Campus program draws attention with innovative business models developed by young minds who will shape the technologies of the future. The high motivation and discipline exhibited by Istanbul Gelisim University students once again reveals the university's potential in this field.

Participation in such competitions, which are carried out in areas of strategic importance such as space and satellite systems, reflects the interdisciplinary education understanding and R&D-oriented vision of Istanbul Gelisim University.

<https://www.gelisim.edu.tr/en/gelisim-news-tusas-the-hangar-campus-program-has-started-ideas-are-competing-in-space-and-satellite-systems>

# Academic Bridge to the Turkish World from Istanbul Gelisim University

Istanbul Gelisim University (IGU) participated in the international symposium on "Turkish World: Social Sciences and Engineering Collaborations", hosted by Uzbekistan Renaissance Education University, which brought together distinguished higher education institutions from the Turkish world, with a high level of academic and administrative representation.

## Academic engagement from IGU: Scientific depth and institutional representation

Istanbul Gelisim University contributed to the symposium with four representatives known for their academic competencies and international visions. Prof. Şenol Durgun, Assoc. Prof. Hakan Yıldırım, Asst. Prof. Bulent Deyirmenci and Umedjon Haitmurodov from the International Students Office presented their academic papers in various sessions.

The presentations made in multidisciplinary themes ranging from social sciences to engineering drew attention to the potential of joint scientific production by considering the regional dynamics specific to the Turkish world. Participants contributed to the deepening of the cooperation by presenting analyses of common projects that could be carried out.





## Common vision message from Rector Prof. Bahri Şahin

Istanbul Gelisim University Rector Prof. Bahri Şahin attended the symposium through an online connection and emphasized the importance of academic solidarity and common vision between institutions in her opening speech. Prof. Bahri Şahin included the following statements in his speech:

“Our presence here today is a manifestation not only of an academic partnership, but also of our shared history, culture, language, and shared vision of the future. Research projects, student and academic exchange programs, joint curricula and scientific organizations to be carried out together will be the most concrete steps of this cooperation.

As Istanbul Gelisim University, we are honored to be among the organizers of this symposium. Our university adopts internationalization not only as a Western-oriented orientation but also as a multifaceted strategy that deepens academic cooperation with the Turkish world. Especially in social sciences, culture-based approaches and producing technological solutions that will respond to regional needs in engineering are among our primary goals.

The bold and visionary steps taken by Uzbekistan in the field of higher education in recent years set an inspiring example not only for Uzbekistan but also for the entire Turkish world. The new universities opened, the determination towards internationalization and the importance given to scientific production are carefully monitored.

Such activities, which aim at cultural convergence beyond scientific interaction, are decisive not only in the construction of today but also in the construction of tomorrow. Every scientific meeting held serves not only to share information, but also to build a common vision of the future. The presence of valuable academics from our university in this symposium is a concrete indication of our contribution to this vision. Such activities, in which scientific language is common and academic ties are strengthened, build not only today but also tomorrow.”

## Interdisciplinary approaches were discussed

The symposium took place with the presentation of numerous scientific papers under 5 thematic headings:

1. Pedagogical Interpretation and Research in Modern Society
2. Philology: Research and Teaching
3. The Role of Green Economy and Digital Technologies in Sustainable Development
4. Social Sciences and Humanities
5. Engineering, Mathematical Modeling, Information Systems and Technological Knowledge

The contributions of the IGU representatives presented original and practical academic suggestions in line with the development goals of the Turkish world under these headings. While interdisciplinary approaches encouraged the transfer of knowledge between institutions, they also opened the door to new joint research and education projects.

## The meeting that guides the academic future of the Turkish World

The symposium, which was held in Uzbekistan on May 5-6, 2025, was carried out in partnership with prestigious institutions such as Renaissance Education University, the Ministry of Higher Education, Science and Innovation of Uzbekistan, Istanbul Gelisim University, Hacı Bayram Veli University, Karabük University, Ankara University, Bolu Abant İzzet Baysal University, Zhubanov Aktobe University and Osmonov Jalalabad State University.

The symposium, which is based on the strategic documents of the Presidency of Uzbekistan that shape higher education policies, aimed to deepen academic integration among Turkish states and to establish the infrastructure of sustainable cooperation in the fields of social sciences and engineering.

## From scientific interaction to lasting collaborations

At the end of the symposium, bilateral cooperation protocols between universities, joint publication planning and declarations of intent regarding student mobility programs came to the fore. Istanbul Gelisim University played an active role in this process and made a concrete contribution to academic diplomacy.

Istanbul Gelisim University shapes its internationalization strategy not only with the aim of integrating into global rankings, but also with an understanding that strengthens cultural ties with the Turkish world, prioritizes solutions to regional problems and encourages joint scientific production. Every academic activity participated in this direction not only contributes to science, but also plays a critical role in the realization of the multidimensional vision of the university.





## TEKNOFEST 2025 took place in TRNC: Istanbul Gelisim University took its place in the festival!

TEKNOFEST, Turkey's largest aviation, space and technology festival, brought together technology enthusiasts in the Turkish Republic of Northern Cyprus this year. Istanbul Gelisim University (IGU) also took an active role in the festival with its academic staff and students. On behalf of Istanbul Gelisim University, Vice Rector Prof. Arda Öztürkcan, Technology Transfer Office Director Yahya Kemal Kiran and TTO assistant student Yusuf Enes Gültekin attended. The delegation examined the projects developed in 6 main and 13 subcategories ranging from primary school to university level and observed that the festival, which was held for the first time in the TRNC, was very productive and successful in terms of the interest of the participants.

### Successful team from Azerbaijan invited to university

At the festival, a special meeting was held with the "Kızılkaya" team, which won the first place by representing Azerbaijan in the field of Tourism Technologies. The team gave information about their projects; after mutual interaction, they were invited to Istanbul Gelisim University at the TEKNOFEST event in Istanbul.



The stands of other higher education institutions were also visited during the event. In this context, Hasan Kalyoncu University Rector Prof. Türcay Dereli and Vice Rector Prof. Mehmet Lütfi Yola and Aydın University Vice Rector Prof. Ali Sınağ and accompanying delegation, ideas were discussed.

## IGU TTO Project Booklet was presented to Selçuk Bayraktar

During the booth visit of TEKNOFEST Chairman Selçuk Bayraktar, a meeting was also held with the Istanbul Gelisim University delegation. During the meeting, a project booklet containing the projects carried out by the Technology Transfer Office was presented and information was also given about the university's work in the field of technology and innovation.



## TUBITAK representatives were contacted

Within the scope of the festival, TUBITAK President Prof. Orhan Aydın and Vice President Prof. Mesut Güner was also met. During the meeting, the contribution of TEKNOFEST competitions to the production of new projects in Turkey and the development of human infrastructure in this regard was mentioned.

Istanbul Gelisim University aims to transform student projects into not only academic success but also social benefit with its approach that supports science and technology-based production. The Technology Transfer Office within the university supports entrepreneurship and innovation-oriented studies and provides the necessary infrastructure for students to turn their ideas into value-added projects. In this regard, the university continues to take an active role in technology events organized at national and international level.

<https://www.gelisim.edu.tr/en/gelisim-news-teknofest-2025-took-place-in-trnc-istanbul-gelisim-university-took-its-place-in-the-festival>



## A first at IGU: the Erasmus+ BIP Program has been completed

Istanbul Gelisim University (IGU) has left behind an important first in line with its internationalization goals. The Blended Intensive Programme (BIP), which was organized for the first time within the scope of Erasmus+ between April 28 -May 2, 2025, was held with the participation of 32 students from six different countries of Europe.



### Academic and cultural richness combined

Students from Poland, Portugal, Romania, Bulgaria, Latvia and Lithuania both attended interdisciplinary academic sessions for a week and had the opportunity to get to know Turkey's cultural values closely. On the first day of the program, participants visited the IGU Technology Transfer Office (TTO), Technology Development Center (TEKMER) and Scientific Research Projects (BAP) Coordination Office and learned about the university's innovation infrastructure.

Cultural activities, which started with the "Turkish Cuisine Workshop" on the second day, offered students the opportunity to experience traditional Turkish cuisine. Participants discovered a delicious aspect of Turkish culture with the Kayseri lubrication they prepared with their hands. Within the scope of the cultural trip held on April 30, Istanbul Metropolitan Municipality Project Office was visited. Then the historical and natural beauties of Istanbul were experienced on site with the Basilica Cistern and Bosphorus tour.

## Projects submitted, certificates presented

The last day of the program started with presentations of the project work carried out by the students during the week. At the closing ceremony held afterwards, Vice Rector Prof. Necmettin Maraşlı, Faculty of Economics and Administrative Sciences Erasmus Coordinator Asst. Prof. Şükran Kahveci and Department of Political Science and International Relations Asst. Prof. Sibel Zengin addressed the participants. At the end of the ceremony, Rector Prof. Bahri Şahin presented the certificates to the team members involved in the projects.



## A strong step towards internationalization

Istanbul Gelisim University, one of the few Turkish universities hosting the Erasmus+ BIP organization, further strengthened its academic cooperation with higher education institutions in Europe with this program. IGU has once again demonstrated its commitment to improving the quality of education and contributing to cultural diplomacy with such programs that support student mobility on a global scale.



<https://www.gelisim.edu.tr/en/gelisim-news-a-first-at-igu-the-erasmus-bip-program-has-been-completed>





Istanbul Gelisim Vocational School started education in 2008 with 9 programs and became a school that forms the core of Istanbul Gelisim University. It has shown rapid development since its establishment; it has reached 19 departments, 37 programs and 10,630 students. Evening education is provided in 21 of 37 programs.

Istanbul Gelisim Vocational School continues its educational activities with its experienced and strong academic staff. In addition to the permanent instructors, by employing the leading names of the sector part-time, the students are given the opportunity to learn their practical experience in business life.

Istanbul Gelisim Vocational School, which has moved to its new campus as of the Fall Term of the 2017-2018 Academic Year, has a total of 22 workshops, including Aircraft Maintenance Workshops, Mock-Up, Kitchen, Electric, Construction, Automotive, Serigraphy, Ceramics and Fashion workshops, in its new campus so that students can apply their theoretical education practically. Besides it offers a field of application with 7 Computer Labs, one of which is MAC.

Our School's Aircraft Technology Program has the Recognized School Approval Certificate from the General Directorate of Civil Aviation (SHGM) as well as the Flight Operations Specialist Training (Dispatcher) Authorization Certificate from the DGCA. Apart from our two programs authorized by DGCA, the licensing processes for the Approved Cabin Crew Basic Training Organization Certificate for Civil Aviation Cabin Services Turkish and English Programs and the Approved Ground Handling Training Organization Certificate for Civil Air Transport Management Turkish and English Programs are continuing at the DGCA.

Istanbul Gelisim Vocational School students can benefit from the educational and social activity opportunities available in all campuses of our university without interruption.



# OUR MISSION

To equip our students in all the programs with innovations in their fields, to keep them informed of current developments, to keep this process alive with scientific activities, and to support the scientific studies of lecturers. To be the solution for the need of qualified intermediate staff with the qualifications required by the sector, to have assimilated the latest technological developments, to have developed a practical side.



# OUR VISION

Our vision is to be one of the world's leading vocational schools with qualified academic staff and all the programs recognized by international institutions and organizations, and to train students who are demanded by the market and who are all employed after graduation.



\* IGVS E-Bulletin has been prepared according to the Turkish Higher Education Quality Council (THEQC) criteria.

# EDUCATION



## NEWS FROM IGVS

### How are the Seas Polluted?

Within the scope of TUBITAK Science Talks, an event titled “How are the Seas Polluted?” was held on the pollutants in the marine environment.

With the presentation of Faculty Member PhD Ramazan AÇIKGÖZ from the Maritime and Port Management Program, students were informed about the causes of marine pollution and what can be done to prevent it at Tekirdağ Muratlı Atatürk Primary School. This valuable event, which aims to increase interest in science and raise environmental awareness, was organized by TÜBİTAK Science and Society Directorate.



[https://muratliataturkilkokulu.meb.k12.tr/icerikler/okulumuzda-tubitak-bilim-soylesileri-gerceklestirildi\\_16244904.html](https://muratliataturkilkokulu.meb.k12.tr/icerikler/okulumuzda-tubitak-bilim-soylesileri-gerceklestirildi_16244904.html)

## How are the Seas Polluted?

As part of the TÜBİTAK Science Talks, a presentation titled “How Are the Seas Polluted?” was held, focusing on the pollutants affecting the marine environment.

The presentation took place in a single session at Şişli Anatolian High School, one of the Project Schools located in Istanbul, and was delivered by Dr. Ramazan AÇIKGÖZ, a lecturer from the Maritime and Port Management Program.

During the event, students were informed about the causes of marine pollution and the possible measures to prevent it. This valuable event, aiming to foster interest in science and raise environmental awareness, was organized by the Science and Society Department of TÜBİTAK.



[https://sislianadolu.meb.k12.tr/icerikler/tubitak-bilim-soylesileri-kapsaminda-denizler-nasil-kirleniyor-baslikli-soylesimizi-gerceklestirdik\\_16257341.html](https://sislianadolu.meb.k12.tr/icerikler/tubitak-bilim-soylesileri-kapsaminda-denizler-nasil-kirleniyor-baslikli-soylesimizi-gerceklestirdik_16257341.html)



## Web Design and Coding Program Held an Event

The event titled “Let's ask a connoisseur: What are the ways to get to the top of search engines?” moderated by IGVS, Web Design and Coding Program Lecturer Çisem YAŞAR was held with the participation of Volkan Deniz İKİZ, Founder of Naklov company. At the event, comprehensive information was shared on current trends and developing technologies that shape the future of search engine optimization (SEO). Participants were informed about developing effective strategies within the framework of artificial intelligence-supported algorithms, voice search technologies, mobile compatibility criteria and user experience-oriented approaches. In addition, the integration of content marketing and SEO was explained with examples of how it can create synergy in the digital marketing world, and how a successful digital marketing strategy can be structured by focusing on basic topics such as technical SEO applications, effective keyword research and correct link building. At the end of the event, questions from the students were answered and an interactive environment was provided and explanations were made on the topics that the participants were curious about. We would like to thank our students and lecturers for their contributions to the event.



# Innovative Fuel Cell Design Presented at IGVS Student Colloquium

As part of the IGVS Student Colloquium organized by Istanbul Gelisim Vocational School, a project presentation titled “Design and Implementation of Fuel Cells Used in Electric Vehicles Using Carbon Fiber Prepreg Fabric” was delivered.

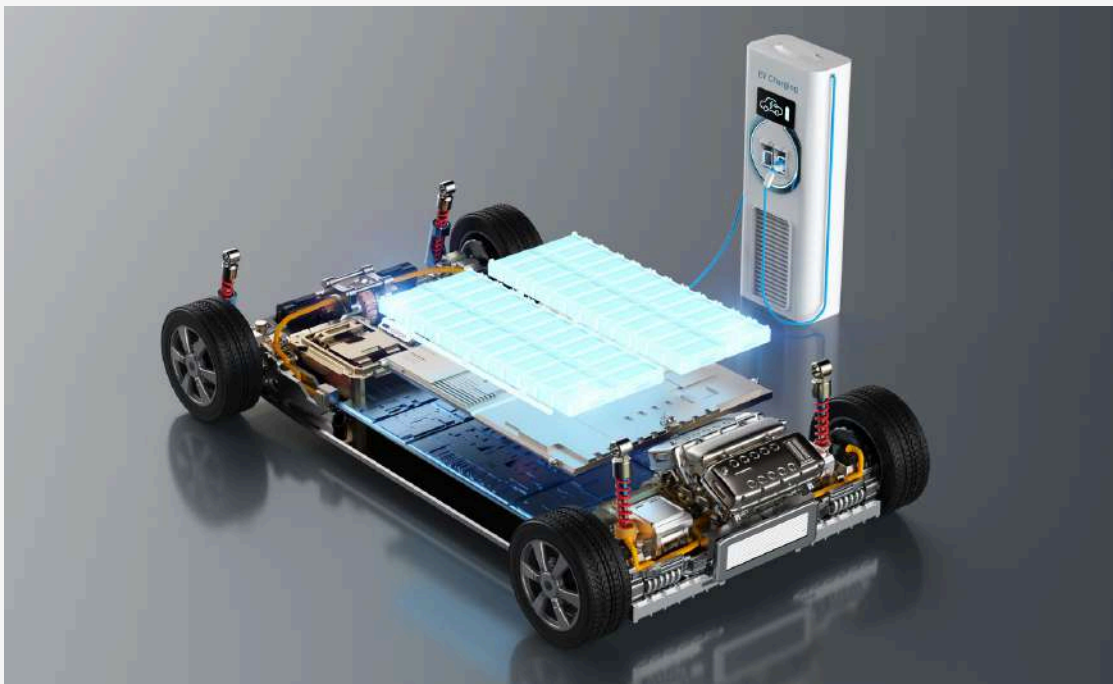
The project was led by Berkay Özder, with Yunus Emre Barlak as the project partner, and supervised by Lecturer Hasan Hüseyin Taşer.

In the project, the design and implementation process using carbon fiber prepreg fabric material with the aim of enhancing the durability and efficiency of fuel cells used in electric vehicles was presented in detail.

The presentation was also attended by Lecturer Bilge Yılmaz, Quality Coordinator of Istanbul Gelisim Vocational School.

Engaging in discussions with students about the project development processes, Bilge Yılmaz emphasized that such studies contribute to the quality-oriented education approach.

The event took place on Monday, May 12, 2025, between 12:00–13:00, in Meeting Room No. 108.





# Artificial Intelligence Supported UAV Project Introduced at IGVS Student Colloquium

Within the scope of IGVS Student Colloquium-II event organized by Istanbul Gelisim Vocational School, the project titled “Artificial Intelligence Supported Decision Mechanism Design and Data Analysis for Determining Formation Control in Swarm UAVs” was presented.



The project was carried out by Gülistan Subaşı and the project partnership was undertaken by Fatma Ceyhan, Elif Nur Subaşı and Rüveyda Ece Hasar, and the consultancy of the study was carried out by Lecturer Kübra Erdoğan. In the project supported by TUBITAK 2209-A University Students Research Projects Support Program, an artificial intelligence-based decision mechanism was developed for formation control of swarming unmanned aerial vehicles.

The process of creating the decision algorithm, data analysis based applications and potential contributions of the system were explained to the participants in detail.

Istanbul Gelisim Vocational School Education Coordinator Lecturer Nevzat Yağız Tombal also attended the presentation. Tombal stated that the research and application experience gained by students through these projects is of great importance for their academic development.

The event was held on Thursday, May 15, 2025 between 14.00-15.00 in the meeting room 108.

## SMART BUILDING TECHNOLOGIES SEMINAR HELD

The seminar titled "Smart Building Technologies: Comfort and Efficiency in the Buildings of the Future," organized by the Electrical Program and Electronics Technology Program of Istanbul Gelisim Vocational School, was held on Monday, May 12, 2025, at the Prof. Dr. Aziz Sancar Conference Hall of Block G.

In the event, which was moderated by Lecturer Şehmus Turan and hosted by Lecturer İzzet Yavuz, industry representatives Nurdoğan Büyükkeskin (Factory Manager) and Tevfik Bulut (Deputy R&D Center Manager) participated as speakers. Students had the opportunity to gain practical knowledge about future building technologies.

We thank all participants for their valuable contributions.





*\* IGVS E-Bulletin has been prepared according to the Turkish Higher Education Quality Council (THEQC) criteria.*



## R & D

IGVS, Electronics Technology Program student Uğurcan UÇKUN and Lecturer Şehmus TURAN presented the paper titled "Electronic Warning System to be Used in Women Violence" as a participant in the 8th International World Congress on Women's Studies held in Antalya on March 7-8, 2025, hosted by Mata Sundri Women's College of Delhi University in India, Baku Girls University in Azerbaijan and IKSAD Institute.



<https://www.worldwomenconference.org/>



Participating in the "8th International World Women's Studies Congress," held on March 7–8, 2025, in Antalya and hosted by Mata Sundri College for Women, a constituent college of the University of Delhi (India), Baku Girls University (Azerbaijan), and the IKSAD Institute, Lecturer Şehmus TURAN from the Electronic Technology Program at IGVS and his student Uğurcan UÇKUN presented their paper titled "An Examination of the Perceptions and Usage Preferences of Electronic Warning Systems Among Female Victims of Violence."

<https://www.worldwomenconference.org/>

The article titled "Синтаксические Особенности Загадок в Разноструктурных Языках (на примере турецкого и русского языков)" by Dr. Sevdâ POLAT, lecturer from the Applied Russian Translation Program at IGVS, was published as a full text in the March 2025 issue of the journal Word Text Context.

<https://wordtextcontext.ru/index.php/wtc/article/view/396>





# IGVS APPOINTMENTS



Asst. Prof. Anıl ÇETİN has been appointed to the “Assistant Professor” position in the Marine and Port Management Program of our University’s Istanbul Gelisim Vocational School.

Asst. Prof. Atilla AYDIN has been appointed to the “Assistant Professor” position in the Air Logistics Program of our University’s Istanbul Gelisim Vocational School.

Asst. Prof. Selim AYKAÇ has been appointed to the “Assistant Professor” position in the Air Logistics Program of our University’s Istanbul Gelisim Vocational School.

Asst. Prof. Şerif Pınar TUNÇOK has been appointed to the “Assistant Professor” position in the Fashion Design Program of our University’s Istanbul Gelisim Vocational School.

Asst. Prof. Onur KORU has been appointed to the “Assistant Professor” position in the Court and Office Services Program of our University, Istanbul Gelisim Vocational School.

Lect. Sümeyra Zahide ÖZTÜRK has been appointed to the “Lecturer” position in the Mechatronics Program of our University’s Istanbul Gelisim Vocational School.

Lect. Emre SALKIM has been appointed to the “Lecturer” position in the Flight Operations Management Program at our University’s Istanbul Gelisim Vocational School.

Asst. Prof. Şeyda ŞANLI has been appointed as the “Program Head” to the Court and Office Services Program of our University’s Istanbul Gelisim Vocational School.

Asst. Prof. Hülya ATEŞOĞLU has been appointed as the “Program Head” to the Human Resources Management Program of our University’s Istanbul Gelisim Vocational School.

Lect. Kübra SAĞLAM has been appointed as the “Program Head” to the Food Technology Program of our University’s Istanbul Gelisim Vocational School.

Lect. Burcu DEMİR has been appointed as the “Program Head” to the Foreign Trade Program of our University’s Istanbul Gelisim Vocational School.



# SOCIAL CONTRIBUTION



*\* IGVS E-Bulletin has been prepared according to the Turkish Higher Education Quality Council (THEQC) criteria.*

## Benefits of Using F Keyboard

Lect. Gizem ALTUNTAŞ  
Court Office Services

The benefits of using the F keyboard in the Court and Clerical Services associate degree program are quite high in terms of both professional efficiency and suitability for official correspondence. Here are some of the main benefits of the F keyboard in this program:

**1. Compliance with Official Standards:** In Turkey, the use of F keyboard is recommended for correspondence and official document transactions in government institutions and is mandatory in many institutions. In particular, only the F keyboard is accepted in typing exams in judicial areas such as the Ministry of Justice, court clerkship. For this reason, the use of F keyboard for Court and Clerical Services students provides a great advantage in terms of working in public institutions after graduation.

**2. Faster Typing Thanks to the Design Suitable for Turkish:** The F keyboard is designed according to the frequency of use of letters in Turkish. For example, the most frequently used letters (such as a, e, k, l) are placed on the most easily accessible keys. Thanks to this design, there is a balanced division of labor between the fingers of both hands and the person can type faster, even during long periods of work. Combined with the ten-finger method, it is possible to type up to 100 words per minute.

**3. Reduces Typing Errors:** Typing exercises with the F keyboard allow users to type more carefully and with more control. The development of finger muscle memory reduces the rate of pressing the wrong keys. This reduces the risk of making mistakes in official correspondence and increases the accuracy of documents. It is of great importance that there are no errors in documents such as petitions, minutes and reports submitted to the court.



**4. Saves Time:** Someone who uses the F keyboard saves a great deal of typing time. This is an important advantage, especially in office and courthouse environments with heavy document traffic. More documents can be prepared in less time, freeing up time for other tasks and making business processes more efficient.

**5. Increases Productivity:** Individuals accustomed to the F keyboard can produce more work in the time they spend at the computer. Unnecessary waiting or correction time is reduced. This increases the individual's work performance. In addition, the fast and accurate document production of a staff working in a team speeds up the workflow throughout the organization.

**6. Development of Professional Skills:** In the Court and Clerical Services program, students are intertwined with subjects such as record writing, official correspondence rules and judicial documents. The regular and fast preparation of these documents is directly related to F keyboard skills. This skill also gives candidates an important advantage in job applications after graduation.

**7. Success in Typing Exams and Certifications:** Applied Keyboarding Exams are held in positions such as court clerk and bailiff. These exams usually measure the ability to write error-free text in a certain amount of time (e.g. 90 words in 3 minutes) and are based on the F keyboard. Therefore, candidates who have a good command of this keyboard increase their chances of success in typing exams.



# DAMAGE FORMATION AND CRACKS AFTER EARTHQUAKES

Lect. İsmihan GÜNAL  
Construction Technology Program

Crack damage that occurs in buildings during earthquakes refers to structural and non-structural fractures that arise in structural elements (such as columns, beams, shear walls, walls, slabs, etc.) as a result of vibrations and displacements. Some of these cracks may indicate that the load-bearing system of the building has weakened and may pose serious risks in terms of life safety. In this regard, having knowledge about types of cracks may be beneficial in terms of avoiding damaged buildings.

## *Types of Cracks Occurring During Earthquakes*

### 1. Surface Cracks (Hairline Cracks)

- They occur in the plaster or paint layer.
- They are generally non-structural damage.
- They cause concern among building users but do not pose a structural danger.
- They cause problems in terms of aesthetics.

### 2. Load-Bearing System Cracks

- They occur in load-bearing elements such as columns, beams, and shear walls.
- They can deepen by progressing into the reinforced concrete element and may eventually cause the element to fracture and/or collapse.
- They may threaten the safety of the structure.
- They can be inclined, horizontal, or vertical in direction.

### 3. Shear (Diagonal) Cracks

- Breaks that typically occur at a 45° angle (diagonally) constitute shear cracks.
- They can be seen in columns, beams, and walls during earthquakes.
- Cracks in columns, beams, and load-bearing walls require immediate intervention.
- Cracks occurring in partition walls used for separation and insulation purposes do not pose a problem in terms of structural safety if there are no cracks in the load-bearing system (such as columns, beams, or shear walls). After the wall is repaired, the structure can be safely used.

### 4. Flexural Cracks

- They are seen in the midpoints of beams or at the heads of columns.
- They indicate a decrease in load-bearing capacity. Measures must be taken.



## Evaluation of Cracks:

- The location, direction, and width of the crack are important.
  - Cracks with a width less than 0.1 mm are generally considered insignificant; however, if the crack is on a load-bearing system, it should be monitored, and if any widening is observed, measures must be taken.
  - Cracks wider than 0.3 mm may be structural, so they require examination.
- It is recommended that wide cracks in load-bearing structural elements be examined by expert engineers, and if necessary, core samples should be taken, and the strength of reinforced concrete elements should be determined using radiographic devices or ultrasonic tests.

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- İ. F. Çırak, "BETONARME BİNALARDA GÖZLENEN HASARLAR, NEDENLERİ VE ÖNERİLER", *IJTS*, vol. 3, no. 3, pp. 62–71, 2011.





## CLUBS

## TALK!

## DISASTER AND EMERGENCY CLUB

Istanbul Gelisim University Disaster and Emergency Club is a student club established within the body of Istanbul Gelisim University Health, Culture and Sports Department (SKS). Club consultancy is carried out by Yasemin KILIÇ ERDİM, Head of Construction Department of Istanbul Gelisim Vocational School.



As Istanbul Gelisim University Disaster and Emergency Club, in regional, domestic and international emergencies and disasters, in all kinds of events and accidents that require search and rescue, Istanbul Gelisim University students, academic and administrative staff and the public before and during emergencies and disasters. and after (especially the first 72 hours after the disaster and emergency, which is called golden hours), informing, training and ensuring that they are ready for the exercises to be held, being a guide in their own region in case of disasters and emergencies, public and private institutions/organizations taking part in disasters and emergencies cooperation with non-governmental organizations, associations, communities and clubs, the establishment and organization of teams depending on the nature of the disaster and emergency, the accurate and fast transmission of this notification to the most authorized institutions as a result of receiving a disaster and emergency notification, training of trainers and volunteers actively within its own body. It aims to provide training and seminars on safe and healthy transfer to the scene, fire, forest fire, flood, building collapse, earthquake, all kinds of search and rescue, train accident car accident, workplace explosions, first aid, and planning in this direction, with the relevant institutions. correspondence and cooperation aims to establish solidarity and teamwork awareness by establishing effective and healthy communication among the members.

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GENEL MÜDÜRLÜĞÜ



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We would like to thank our academicians who contributed to the May issue of Istanbul Gelisim Vocational School E-Bulletin.



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