



**Istanbul Gelisim
Vocational School**



IGVS

Monthly E-Bulletin

March

2024

Volume 4 / Issue 03

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 March 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. Lokman KANTAR



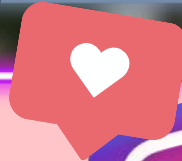
Facebook:
igumyo



X:
igumyo



Instagram:
igumyo



YouTube:
igumyo

SUBSCRIBE



*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.



IGU's Great Success in TUBITAK 2023 Competency Map Report

Istanbul Gelisim University took place in 17 of 21 main research areas and 62 of 132 sub-research areas in the TUBITAK 2023 competency map. IGU has come to the fore among Turkish universities in terms of both quality and research intensity in 9 of the main research areas and 26 of the sub-research areas.

The fields in which our university stands out both in terms of research quality and research intensity. Its ranking among Turkish universities are given in the table below.

We thank all academic staff who contributed.

[Click](#) for TUBITAK 2023 Competency Map.

The ranking of research areas of Istanbul Gelisim University among Turkish universities in terms of quality and research intensity according to the TUBITAK 2023 Competency Map

Main Research Area	Sub-Research Area	Quality Ranking in Turkey	Research Intensity Ranking in Türkiye
Information and Communication Technologies	Information security	1	4
	Big Data	15	43
	Broadband Technologies	3	6
	Internet of Things	4	8
Social and Humanities	Robotic	7	40
	Law	1	8
	Economy	2	22
	Business Administration	4	23
	Public Administration	1	1
	Urbanization	1	27
	Mass Communication	7	45
	Politics and International Relations	1	9
	Sociology	1	24
Environmental Sciences	Transportation Rail way Systems	1	16
	Logistic	1	17
Energy	Meteorology	1	11
	Coal	1	3
	Bioenergy	15	71
Physics	Energy Storage	2	55
	Solar energy	23	65
Aviation and Space	Statistical Physics	22	37
	Aircraft Design	1	42
Construction	Satellite and Launch Technology	3	65
	Civil Engineering	3	35
Automotive	Electric and Hybrid Vehicle Technology	1	42
Basic Sciences	Mathematics	17	50



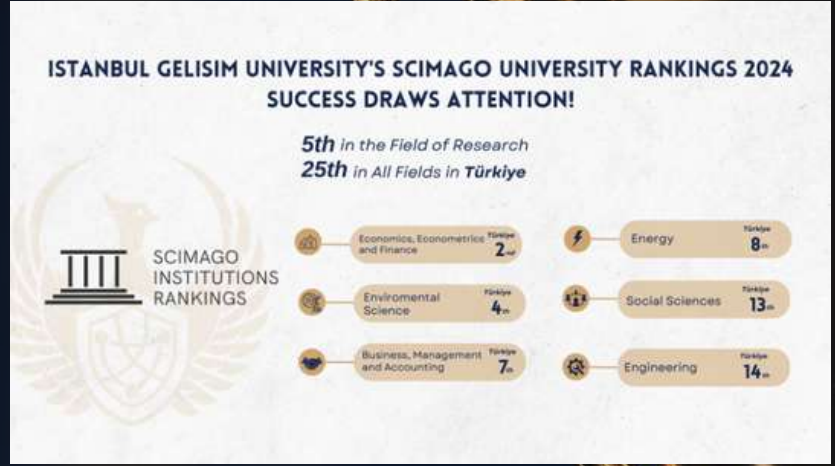


SCIMAGO
INSTITUTIONS
RANKINGS

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.

Significant success in the 'Accessible and Clean Energy' category from IGU!

World universities ranking organization Times Higher Education (THE) Impact Ranking was announced in 2023. In the ranking, Istanbul Gelisim University, among 1591 universities from 112 countries, achieved success by ranking 12th among Turkish universities in the "Accessible Clean Energy" category for the first time this year.

In the list of 1591 universities in the Times Higher Education (THE) 2023 ranking, the world's leading higher education rating agency based in the UK, the success of Istanbul Gelisim University (IGU) was graded in six different categories in line with the United Nations Sustainable Development Goals. IGU, which was included in the "Accessible Clean Energy" category for the first time in the Impact Ranking 2023 list, was ranked 12th among Turkish universities.



Rated in 6 different categories categories

In the ranking carried out in line with the 17 categories determined by the United Nations within the scope of the Sustainable Development Goals (SDG), Istanbul Gelisim University was graded in 6 different categories with its studies in the field of education, innovative projects and contributions to society. IGU;

- Ranked 12th in Turkey in the SDG-7 Accessible and Clean Energy category, 201-300 worldwide,
- Ranked 12th in Turkey in the category of SDG10 Reducing Inequalities, 301-400 worldwide,
- Ranked 14th in Turkey and 401-600 worldwide in the category of SDG-8 Decent Work and Economic Growth and achieved significant success.

“We attach importance to sustainability studies in every field”

Abdulkadir Gayretli, Chairman of the Board of Trustees of Istanbul Gelisim University (IGU), who made statements about the ranking aimed at evaluating the effects of ecological, economic and environmental sustainability practices on society according to the United Nations 17 Sustainable Development Goals, said, "We attach importance to sustainability studies in all areas, especially environmental sustainability, by adopting the Sustainable Development Goals. While implementing practices for the effective use of natural resources, we continue our prominent works on 'Energy and Climate Change' by advancing with a universal sense of responsibility within the scope of energy and waste management. Under the leadership of YÖK President Prof. Dr. Erol Ozvar, we support the fact that universities are sustainable, energy-efficient, compatible with nature and minimally damaging to the environment, and we support the introduction of energy efficiency and renewable energy applications in university campuses. The rating we get in the Accessible and Clean Energy category is therefore very valuable to us. Within the scope of the 'Zero Waste Project' in our university, we fully believe that we will take part in higher levels in the coming years with more effective execution of the waste management system, interactive activities in the fields of rain harvesting, transportation, education and research."

'Traces of Life' exhibition featuring objects brought from the earthquake zone opened!

The opening of the "Traces of Life 2" exhibition, which aims to show the experiences of people, was held. In the exhibition created by Assist. Prof. Dr. Mustafa Günay, a painter from Hatay, there was also a special series for Antakya district. In the corner where the rubble and objects taken from the earthquake zone were brought, on the one hand, there were pictures drawn from the old streets of Antakya, and on the other hand, there were photographs of these streets taken after the earthquake.

The second 'Traces of Life' exhibition was opened at Istanbul Gelisim University. The portraits in the exhibition, which will continue until March 29 at Gelişim Art Gallery, show people's experiences throughout their lives, the griefs, difficulties, troubles, and all the problems they have suffered, reflected on their faces over the years. The exhibition, which includes a total of 25 paintings, also includes some objects brought from the rubble in the earthquake zone.

"We give positive discrimination to art"

Delivering the opening speech of the exhibition, Istanbul Gelisim University Rector Prof. Dr. Bahri Şahin stated that they are always ready to support artists and said the following. "First of all, I congratulate instructor Mustafa for this exhibition. Our university evaluates art separately from other sciences; we give positive discrimination to art. Because humanity needs art. We try to emphasize art and social sciences alongside technical sciences. Civilization has three pillars. These are social innovation, artistic innovation and technical innovation. Without one, there cannot be the other."

"Unfortunately, as a country, we can forget things quickly"

Stating that the first exhibition was held in the Turkish Republic of Northern Cyprus in 2020, Istanbul Gelisim Vocational School Faculty Member Painter Dr. Mustafa Günay said:

"We are excited to bring you the second exhibition. We have a special concept for this exhibition. In one part of the series, there are works of old Antakya streets. As you know, the 'Asi River' in Antakya divides the city in two. On one side of the city are modern, high-rise buildings, while on the other side are old historical buildings and streets. This year's exhibition includes a series of old Antakya houses and streets. One year ago, there was an earthquake, which is described as the disaster of the century. Unfortunately, it hit 10 provinces of our country. One of the most damaged cities among these cities is Antakya. I went there very recently and witnessed it first hand. Unfortunately, lives, experiences and dreams have been destroyed there. Here, my related works and paintings show the images before the earthquake. The photographs show the aftermath of the earthquake. We created a series of tragic installations with various objects and rubble we brought from the region. Unfortunately, as a country, we can forget things quickly. Our agenda changes quickly. We made this exhibition so that it would not be forgotten." [Click](#) for the source.



New publication by research assistant Mustafa Dallı!

Istanbul Gelisim University, Faculty of Fine Arts, Department of Interior Architecture and Environmental Design, research assistant Mustafa Dallı's article titled "Ethical Analysis of Architecture on Structural Irregularities in Major Earthquakes in Turkey" was published in the 2nd issue of the 15th volume of the "International Journal of Disaster Resilience in the Built Environment".

Research assistant Mustafa Dallı made the following statements for his article titled "Ethical Analysis of Architecture on Structural Irregularities in Major Earthquakes in Turkey".

"The aim of this study is to investigate the relationship between architectural codes of ethics and earthquake failures. Earthquakes have had devastating effects on all societies in history and today. And the relationship and importance of the architect and the building, which is one of the most important roles of these destructive effects, is revealed once again in every earthquake. Although many regulations and ethical codes include restrictions or warnings for architects and the architectural profession to reduce this destructive effect, it is possible to see the defects caused by architectural design and the destruction caused by these defects in every new earthquake. In this study, the most destructive earthquakes that occurred in Turkey in the last 20 years (Bingöl, Van, Elazığ and İzmir) and the most destructive earthquake in Turkey's recent history, the 1999 Marmara earthquake, and the damages caused by these earthquakes and their effects and causes are analyzed. Although the scope of the study is "the destructive earthquakes that occurred in Turkey in the last 20 years", the Marmara Earthquake that occurred in 1999, when the destructive effect of the earthquake was seen the most and the architectural design errors were intense, was also included in the scope of the study. In order to have a more comprehensive understanding of how these design-related errors are analyzed in terms of ethical codes and to make a more comprehensive comparison, ethical codes in different countries of the world were investigated and an examination was made on issues such as public welfare, public safety, human rights and raising the standard of the profession. This study concludes with a review of the key factors learned from the ethical codes of different countries. The study concludes with recommendations for questioning the relationship between legislation and education and training programs on a country basis. This study, which targets architects practicing the profession of architecture and architect candidates continuing their architectural education, forms the basis for further studies by evaluating the architectural design flaws seen in earthquakes through ethical codes."

We congratulate Research Assistant Mustafa Dallı and wish him success in his academic studies. The article title is as follows:

Dallı, M. & Soyluk, A. (2024), "Ethical analysis of architecture on structural irregularities in major earthquakes in Turkey", International Journal of Disaster Resilience in the Built Environment, Vol. 15 No. 2, pp. 259-273.

[Click](#) for the source.

Istanbul Gelisim University Kickboxing team won 10 medals in the Interuniversity Kickboxing Turkey Championship and ranked 3rd in Turkey

Istanbul Gelisim University Kickboxing team won a total of 10 medals (2 Gold, 1 Silver and 7 Bronze) in the Interuniversity Kickboxing Turkey Championship and ranked 3rd in Turkey.

- SPES student Hakan kaya 71 kg Full Contact 1st place
- PES student Ekin PADAK 57 kg Kick Ligt 1st place
- SPES student Samet SAKAR 84 kg Kick Light 2nd place
- SPES student Baran GÜNEŞ 75 kg Full Contact 3rd place
- SPES student Kadir AKAN 57 kg K1 3rd place
- SPES student Tarık Talha DURUR 69 kg Kick Light 3rd place
- SPES student Alperen TULA 71 kg Kick Light 3rd place
- SPES student Simal Türkoğlu 56 kg K1 3rd place
- SPES student Aleyna YILDIZ 65 kg Point 3rd place
- SPES student Büşra EDİZ 65 kg Kick Light 3rd place



Istanbul Gelisim University participated in the Interuniversity Muaythai Turkey Championship with 6 athletes. The athletes completed the championship with 1 silver and 2 bronze medals.

- SPES student Servet KAMACI 63.5 kg Muaythai 2nd place
- SPES student Alperen TULA 71 kg Muaythai 3rd place
- IGVS student Melek AYDOĞAN achieved success in the tournament as 45 kg Muaythai 3rd place.

We would like to thank the board of trustees of our university, our rectorate and everyone who supported us in this process and wish our athletes and their coaches continued success.

[Click](#) for the source.

The Health and Creative Drama Workshop Was Held at the Healthy Development Platform

An event titled "Health and Creative Drama Workshop" was held within the scope of the Healthy Development Platform, in cooperation with Istanbul Gelişim University Child Development Department and the Dean of Students.

On February 29, 2024, between 14:00 and 16:00, students from the Faculty of Health Sciences attended the event; The event began with a speech by Asst. Prof. Nurten ELKİN, the Addiction Combat Coordinator at Istanbul Development University and the Head of the Child Development Department. ELKİN briefly explained the concepts of health and creative drama and their relationship, then handed over the floor to the instructor of the event, Instructor Buse KERİGAN.

KERİGAN, before moving on to workshop activities, discussed fundamental concepts related to creative drama. She talked about the purpose and importance of creative drama, and as students of the Child Development department, she mentioned the gains that could be obtained when they embark on their profession by using this method with children. In her speech, she said, "Creative drama is when a group, guided by an instructor in a specific space, enacts scenarios based on their own experiences around a particular topic using role-playing and improvisation techniques.

The processes of creative drama are based on spontaneity, pretending, and role-playing. Creative drama can be effective in achieving many goals in solving problems encountered in educational programs and in the development of programs. Based on this, the general aim of creative drama is to raise individuals who are creative, self-sufficient, self-aware, able to communicate with their surroundings, and able to develop these skills, with enhanced expressive power and forms, capable of imaginative thinking, and with developed aesthetic concerns, democratic attitudes, and behaviors, through enactments by children, adolescents, and young people in all areas. Looking at what creative drama offers to children, it enables physical activity and assists in physical development. It teaches to be participatory rather than passive. It teaches the use of body language. It facilitates self-expression. It fosters public speaking skills. It helps to shed shyness and stiffness, increasing self-confidence." Then, the workshop activities began. At the end of the workshop, students' evaluations were collected, and the event concluded. [Click](#) for the source.





HISTORY

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

Maritime and Port Management Program Students Participated in Türkiye's Biggest Boat Fair

Within the scope of the Shipbuilding and Classification and Ship Supply Management courses, the students of the Marine and Port Management Program attended the Bosphorus Boat Show Fair on 23.02.2024, Turkey's largest boat fair organized by the Yacht and Boat Industry Association (YATED), which is the locomotive of the sector and one of the largest NGOs. This event was organized to bring together the industry and the university to discover the latest innovations in the sector, to establish new connections, to come together with the industry to increase their maritime knowledge and experience, and to bring the industry and the university together.



Suppliers of ships and boats, marine engines, boat equipment and accessories, marine motorcycles, marine toys, diving equipment, fishing equipment, land and marine vehicle brands and companies, as well as charter and marine insurance companies participated in the fair.

As a fair with national and international exhibitors, the fair witnessed a great meeting and our students had the opportunity to get to know the latest technological developments in the sector.

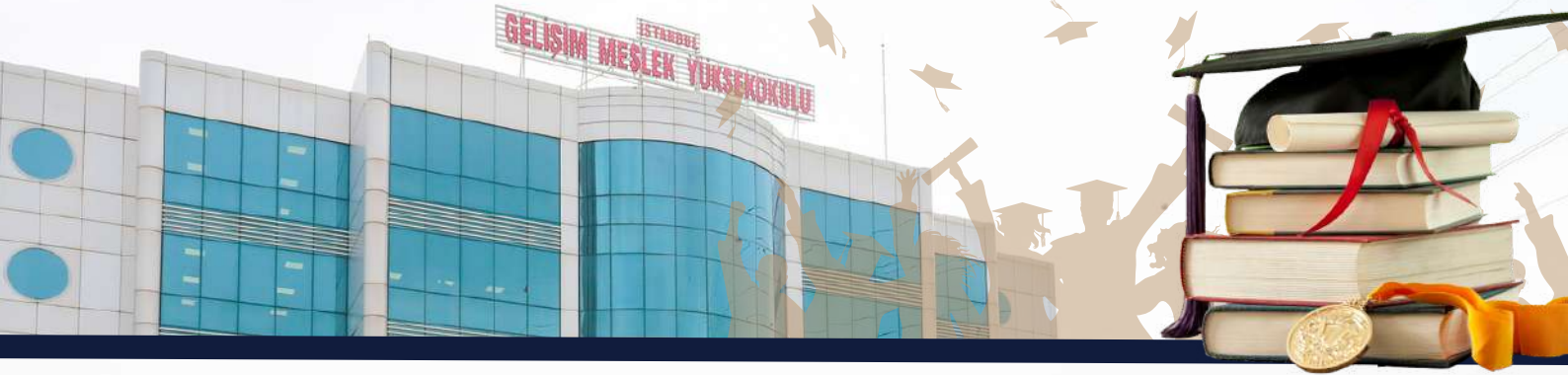


IGU Attended the Artificial Intelligence Summit

Istanbul Gelisim University (IGU) R&D Club Advisor Lect. Kübra Erdoğan and our board member students attended the Artificial Intelligence Summit organized by the Istanbul Technical University Artificial Intelligence Club (ITU AI). The event took place at ITU Süleyman Demirel Cultural Center.



The event, which was organized under the main sponsorship of Baykar, took place with the participation of many expert speakers and lasted for two days. Following the speech of Hatice Köse, Professor of Artificial Intelligence and Data Engineering, Turkcell Artificial Intelligence and Analytical Solutions Director Fatih Ferhat Mert made a presentation. Tolga Büyükyazı, Baykar's Artificial Intelligence and Software Unit Leader Tolga Büyükyazı, Türk Telekom Innovation and Product Services Director Dr. Mehmet Özdem, Amazon Web Services Senior Solution Architect Esra Karabal, Microsoft Senior Cloud Solution Architect Barış Usta, Havelsan Data Engineer Sezai Burak Kantarcı and many other speakers took part in the event.



Many topics such as the creation of new business lines by artificial intelligence, effective use of artificial intelligence, data usage, and big data management, professions of the future, and ethics of using artificial intelligence were discussed.

During the event, our club visited the booths in the fairground, gained information in various fields, and made proposals for possible collaborations.



All speakers who participated in the event are as follows:

- Turkcell - Fatih Ferhat Mert: Artificial Intelligence and Analytical Solutions Director
- Pfizer - Ata İsmet Özçelik: Digital Customer Relations Director
- Method Research Company - Selçuk Kılıç: Partner
- Baykar - Tolga Büyükyazı: Artificial Intelligence and Software Unit Leader
- Vestel - Gözde Bakırlı: Senior Project Manager
- E Baby - Baris Simsek: Technology Director
- Türk Telekom - Dr. Mehmet Özdem: Innovation and Product Services Director
- Carthage - Temur Gündoğdu: Cloud Services Team Leader
- Amazon Web Services - Esra Karabal: Senior Solution Architect
- Microsoft - Baris Usta: Senior Cloud Solution Architect
- Intertech - Hakkı Büyükkahraman, Çağrı Aksu: Data Warehouse and Applications Assistant General Manager, Master Product Owner
- Mikrogrup - Burak Uluocak: Technology Director
- Havelsan - Sezai Burak Kantarcı: Data Engineer

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



R & D

TUBITAK Success from IGVS Academicians

We congratulate our esteemed students and academicians whose names and projects are listed below within the scope of TÜBİTAK 2209-A University Students Research Projects Support Programme; we wish them continued success.

- Berkant AYDIN (Project Manager), Deniz PIRE (Project Partner) and Assist. Prof. Dr. Güfte CANER AKIN (Project Consultant) - Determination of Disaster Risk Perception, Belief and Readiness Levels in University Employees for the Creation of a Disaster Resistant University and Society
- Aleyna Yaren ÜNLÜ (Project Executor), Mehmet Şükrü ÖZTANIK (Project Partner) and Assist. Prof. Dr. Kaan KOÇALI (Project Consultant) - Investigation of the Impact of Work Accidents and Occupational Diseases on Business and Insurance Life by Investigating the 20-Year Profile of Work Accidents and Occupational Diseases: Turkey and Europe-27 Region Comparison
- Kadir Cihan BAŞ (Project Manager), Mehmet BÜYÜKKAYA (Project Partner) and Assist. Prof. Dr. Kaan KOÇALI (Project Consultant) - Determination of the Most Used Chemicals and Hazardous Substances in Workplaces Operating in Istanbul Beylikdüzü Organised Industrial Zone and Investigation of Basic Occupational Health and Safety Situations within the Scope of REACH Directive for Selected Substances
- Sıla Nur MERIC (Project Manager), Yaren Nur ÖZCAN (Project Partner), Gülşen GÜNDÜZ (Project Partner) and Lect. Burcu DEMİR - Master Plan Preparation Study within the Scope of Disaster Logistics Preparation: Esenyurt District
- Yusuf Ziya ŞANLI (Project Manager) and Lect. Enes KALYONCU - Mechanical Investigation of the Arrangement and Density of PLA Produced by Three Dimensional Printer in Different Orientations
- Ece BİLEN (Project Manager) and Lect. Kübra SAĞLAM - Development and Characterisation of Functional Healthy Vegan Jelly Bean Formulation Enriched with Gelatin Alternative Flaxseed Powder and Vitamins
- Gökçen Azize ERTÜRK (Project Manager), Ata Rifat AKPINARLI (Project Partner), Sude Gül ÇİMEN (Project Partner) and Lect. Muhammet Cihat MUMCU (Project Consultant)

IGVS academicians PhD Faculty Member Ercan Aykut and Lecturer Sena Taş presented the paper titled "Rivet Press Automation for Instantaneous Water Heater Thermostat Manufacturing" at ASES II. International Çanakkale Scientific Studies Conference held between February 24-25, 2024.

<https://kongreases.com/asescanakkalekongresi/>



Lect. Ali ÇETİNKAYA from the IGVS, Electronics Technology Programme, Bora Yiğit FİDAN, Muhammet Ali SÜER, Şevket GİRGIN, Zeynep EŞİN, Kerim KIZILKAYA, Mertcan ŞAHİN and Hasan Meriç YILDIZ, second year students of the Computer Technology Programme, attended the 11th International Engineering and Technology Management Congress.

For the related congress, our students received acceptance for the full-text presentations of two separate studies titled "ARTIFICIAL INTELLIGENCE APPLICATIONS, GAME DEVELOPMENT AND SIMULATION RESEARCHES WITH UNREAL ENGINE" and "ARTIFICIAL INTELLIGENCE APPLICATIONS IN FORECASTING AND PREDICTION PROCESSING, SOCIAL MEDIA, NATURAL LANGUAGE PROCESSING AND SIMULATION RESEARCHES ON CHAT BOTS" developed in BGT211 Artificial Intelligence course.

<https://www.muhandislikveteknolojyionetimi.kongresi.org/bilimsel-program>

IGVS, Head of Design Department Assist. Prof. Dr. Mustafa GÜNAY's book titled TIPOGRAFİK was published by Son Çağ Publications.

<https://www.kitapyurdu.com/kitap/tipografik/675670.html>



SOCIAL CONTRIBUTION



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

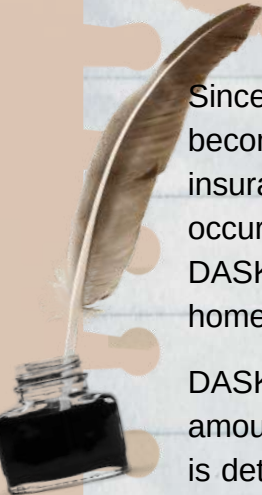
Did You Know That Earthquake Insurance Is Compulsory?

Lect. Serdar ORHAN

Head of Finance, Banking and Insurance Department

Founded in 2000, the Natural Disaster Insurance Institution (DASK) is a public institution with a legal identity responsible for the acquisition, implementation, and management of Compulsory Earthquake Insurance in Turkey. DASK aims to ensure that citizens can safely resume their lives after an earthquake, based on the approach "Earthquake will pass, life will go on". Compulsory Earthquake Insurance provides financial assurance to insured homeowners against earthquakes and earthquake-induced fire, explosion, landslide, and tsunami risks. Whether the building is uninhabitable or partially damaged, it compensates the damage in the fastest way possible and mediates the return of life to normal.





Since our country is located in a zone with a high earthquake risk, earthquake insurance has become compulsory for homeowners according to Decree No. 587. Having earthquake insurance secures against major economic losses in case of possible risk situations that may occur. DASK (Compulsory Earthquake Insurance) is a compulsory insurance. Without DASK, it is not possible to complete many transactions such as selling a house, using a home loan, opening electricity, water, and natural gas services.

DASK provides coverage through Compulsory Earthquake Insurance up to a maximum amount determined in parallel with the increase in construction costs each year. This amount is determined by considering the reconstruction cost of the buildings (excluding land value). The coverage amount (insurance amount) of those who have Compulsory Earthquake Insurance is determined according to the size and construction style of their dwellings, not exceeding this maximum coverage amount.

As of January 1, 2024, the maximum insurance value of a dwelling with Compulsory Earthquake Insurance is TL 1,272,000 for all building types. If the insurance value of the building exceeds the maximum insurance value determined for DASK, earthquake-covered housing insurance can optionally be taken out for the excess amount.

While the foundation, main walls, common walls separating independent sections, garden walls, retaining walls, ceilings and floors, stairs, elevators, corridors, roofs, chimneys of the building are covered, debris removal costs, loss of profit, business stoppage, deprivation of rent, alternative residence and workplace costs, all kinds of movable property, goods and the like, all bodily damages and non-pecuniary damages claims are excluded from the coverage.

Buildings used entirely for commercial or industrial purposes are not included in the scope of Compulsory Earthquake Insurance by DASK. On the other hand, Compulsory Earthquake Insurance should be taken out for the parts of buildings constructed as dwellings and used for shops, commercial premises, offices and similar purposes.

While Compulsory Earthquake Insurance provides residential coverage on an individual basis, it also works to create a coverage pool for our country. This financial pool, the size of which becomes especially important in the aftermath of earthquakes, is also a guarantee for those in need in earthquakes that occur elsewhere, even if not where we live. DASK, which enables us to provide effective assistance to earthquake zones while ensuring our own security, undertakes the dissemination of social solidarity awareness as its main responsibility.

<https://dask.gov.tr/tr/dask-hakkinda>

<https://www.turkiyesigorta.com.tr/urunlerimiz/konut-sigortalari/dask>

<https://www.anadolusigorta.com.tr/urunler/konut-sigortalari/zorunlu-deprem-sigortasi>

Artificial Intelligence in Health: Critical Tool of the Future

Lect. Kübra ERDOĞAN
Mechatronics Program

With the rapid advancement of technology, the health sector is also keeping pace with these developments and research shows that artificial intelligence (AI) technology plays an important role in improving health services. Artificial intelligence can be defined as the ability of computers to display human-like intelligence through complex algorithms and big data analysis.

Artificial intelligence is used in many areas such as diagnosis, treatment, patient care and health policies in the health sector. In particular, artificial intelligence is of great importance in areas such as early diagnosis of diseases with big data analysis, personalisation of treatment methods and monitoring the health status of patients. For example, artificial intelligence systems developed with deep learning algorithms can help doctors in cancer detection by analysing radiology images. In addition, artificial intelligence systems play an important role in making personal health predictions and predicting the course of diseases by analysing patient data. Artificial intelligence in healthcare also helps to make healthcare services more accessible and effective. In particular, artificial intelligence is used in telemedicine (distance medicine) applications to reduce the difficulties in accessing healthcare services in remote areas. Thanks to these applications, the valuable knowledge and experience of specialised doctors can be transferred to healthcare professionals in remote areas through artificial intelligence-supported systems. This increases the quality of healthcare services and facilitates access to healthcare services.

However, the use of artificial intelligence technology in the health sector brings with it some important discussions. In particular, issues such as patient confidentiality, data security and the accuracy of artificial intelligence algorithms are important problems. Therefore, it is of great importance to determine ethical rules and establish regulatory standards regarding the use of artificial intelligence technology in the health sector.

In conclusion, the use of artificial intelligence technology in healthcare is an important tool for improving healthcare services. However, this technology should be used by considering ethical and safety issues. In the future, the role of artificial intelligence technology in the health sector will increase further, which will contribute to making health services more effective, accessible and personalised.

Loyalty Movement from ultrAslan Uni Gelisim

Lect. Sena TAŞ
Electronics Technology program

The ultrAslan Uni Development Club, advised by IGVS Electronics Program Lect. Sena TAŞ, held a social responsibility event called "ultrAslan Uni Development Warms Hearts" with the slogan "We are together, we are strong".

After the February 6 Earthquake, the ultrAslan Uni Development team, one of the university representatives of the ultrAslan formation, which rushed to the aid of the earthquake victims with their superhuman effort after the earthquake, completed the library they had been working on for a while and opened it.



On behalf of Kemal Tazeaslan, a retired teacher who lost his life in the earthquake, the library created at Ataker Secondary School in Hatay's Antakya district was opened with a ceremony.

In addition to Hatay's district governors, Kulp District Governor Imran Demirel, Antakya District Governor Fuat Yurddaş and Şuhut District Governor Furkan Türkay Kayış, ultrAslan Uni Gelişim University Coordinator Mehmet Demir and his delegation, ultrAslan Hatay President Mustafa Altırok, Provincial National Education Branch Manager Ahmet Şanal, Antakya District Director of Agriculture Murat Öcal and District National Education branch managers attended the opening ceremony where the ribbon cutting was performed by Ömer Tazeaslan, the son of the late Kemal Tazeaslan and the late Feray Tazeaslan, their only granddaughter Işıl Tazeaslan and protocol members.

We would like to thank our former presidents Enes Yaşdağı, İlhami Başaran and all our valuable members who have never withheld their support for our library work since the first day.

CLUBS

TALK!

GASTROART
CLUB

WHO ARE WE?

GastroArt Club aims to enable its member students to learn about the food and beverage culture through actual, auditory and visual ways, while raising their intellectual levels and having a fun time.

Contributing to the development of human values is among the sub-objectives of the activities. Their development is carried out in a sustainable, environmentalist and innovative framework within the framework of the GastroArt Club vision.

The organization creation process of the GastroArt Club activities teaches and develops the features such as teamwork, creating a work flow chart, taking responsibility, and planning ability, which will be required as a desired feature in the business life of the club member students after graduation.

With more than 500 club members, GastroArt has organized many quality events and supported the activities of various clubs.

Among the events held so far, it has successfully carried out social responsibility projects, workshops, and interviews with the leading brands in their field.

All activities are carried out with great care and professionalism. In this context, it is carried out with the support and follow-up of the club's advisor and approval from the HCS, the unit to which the club is affiliated.

Anyone who is a student of Istanbul Gelisim University can join the GastroArt Club. The official account of the club is @gastroartigu and the e-mail address is gastroartigu@gmail.com.



OUR STAKEHOLDERS



TURKISH AIRLINES



EKO FOOD





SİVİL HAVACILIK
GENEL MÜDÜRLÜĞÜ



CONTRIBUTORS

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



Assist. Prof. Ramazan AÇIKGÖZ
Maritime And Port Management Program

Assist. Prof. Ercan AYKUT
Electrics Program

Assist. Prof. Mustafa GÜNAY
Graphic Design Program

Lect. Ali ÇETİNKAYA
Electronics Technology Program

Lect. Serdar ORHAN
Banking And Insurance Program

Lect. Kübra ERDOĞAN
Mechatronics Program

Lect. Sena TAŞ
Electronics Technology Program



Istanbul Gelisim
Vocational School

MASTHEAD

PUBLICATION MANAGEMENT

Assoc. Prof. Lokman KANTAR
Assist. Prof. Güfte CANER AKIN
Lect. Hatice Rumeysa DELİCE
Lect. Remzi SIZAN

COORDINATOR

Lect. Görkem Gülay DOĞAN ATICI

TRANSLATION COORDINATOR

Assist. Prof. Duygu ÇELİK
Lect. Fehim İLHAN

GRAPHIC DESIGN

Lect. Furkan GÖZELCE
Lect. Zeynep ÖZCAN

SOCIAL MEDIA SPECIALIST

Lect. Zeynep ÖZCAN

ADDRESS

Cihangir, Şehit Jandarma Komando, J. Kom. Er Hakan Öner Sk. No: 1, 34310
Avcılar/İstanbul

TELEPHONE

0212 422 70 00