



**Istanbul Gelisim
Vocational School**



IGVS

Monthly E-Bulletin

March
2023

Volume 3 / Issue 3

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.

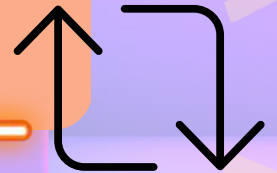
You can follow all the developments in our Vocational School on our social media channels.

***Director of IGVS
Assist. Prof. Ismail Cem AY***

Facebook:
igumyo



Twitter:
igumyo



Instagram:
igumyo



ISTANBUL GELISIM UNIVERSITY IS 16TH IN THE WORLD AND 1ST IN TURKEY IN THE FIELD OF "QUALITY EDUCATION"!

Times Higher Education (THE), the ranking institution of world universities, has been announced the Impact Ranking of 2022. Among the 1180 universities in the world, Istanbul Gelisim University (IGU) increased its success ranking, which was 24 last year, to 16th place in the category of "Quality Education" by increasing 8 steps this year. It continued to maintain its success last year, ranking 1st among Turkish universities.

The success of Istanbul Gelisim University (IGU) was ranked in five different categories in line with the United Nations Sustainable Development Goals, in the list of 1406 universities, which are listed in the 2022 ranking of the UK-based, world's leading higher education rating agency, Times Higher Education (THE). In the Impact Ranking 2022 list, Istanbul Gelisim University (IGU) increased its degree from 24th to 16th among 1180 world universities in the "Quality Education" category, while maintaining its 1st place among Turkish universities.

5 ACHIEVEMENTS FROM 5 DIFFERENT CATEGORIES

In the ranking carried out in line with the categories in 17 fields determined by the United Nations within the scope of the Sustainable Development Goals (SDG), Istanbul Gelisim University is among the universities of Turkey, with its studies in the field of education, innovative projects and its contributions to the society;

- SDG4: Ranked 1st in Turkey in the Quality Education category,
- SDG7: Ranked 4th in Turkey in Accessible and Clean Energy category,
- SDG3: Ranked 12th in Turkey in the category of Healthy and Quality Life,
- SDG6: Ranked 12th in Turkey in the category of Clean Water and Sanitation
- SDG17: Ranked 24th in Turkey in the Partnerships for Purposes category, it proved itself in many areas such as lifelong learning practices, community-oriented learning, personal development opportunities, quality and sustainability of the education provided.



"IN THE INTERNATIONAL RANKING, WE HAVE INCREASED OUR SUCCESS 8 STEPS!"

Abdulkadir Gayretli, Chairman of the Board of Trustees of Istanbul Gelisim University (IGU), who made a statement about the ranking in which the effects of ecological, economic and environmental sustainability practices on society according to the United Nations 17 Sustainable Development Goals are aimed, stated that while Istanbul Gelisim University was among the top 100 universities in the "Quality Education" category in the past years but today it is in the 16th place in the world ranking and he said:

"Istanbul Gelisim University has added a new one to its national and international successes with its growing experience and strong tradition over the years. In the 2022 rating of Times Higher Education (THE), one of the most respected higher education rating institutions in the world, we moved up 8 places from our 24th place in the "Quality Education" category in the world ranking, to 16th this year. This rating, which we received from a reputable organization, makes us proud and motivates us for years to come. We are preparing for the future by being open to continuous development for this purpose. By hosting many national and international large scale projects within our university, we are shaping scientific achievements and the future."



"WE SUPPORT SUSTAINABLE DEVELOPMENT GOALS"

Stating that they continue to work to achieve better every year with the slogan of "Be Open to Development!" Abdulkadir Gayretli emphasized that 65 programs within the university are accredited by international accreditation institutions and that they will continue to provide education at international standards. Stating that they are the first Turkish university to teach sustainability as a compulsory course, Gayretli said, "Under the leadership of Prof. Dr. Erol Özvar ,The President of the Higher Education Institution (YÖK), we want universities to be leading institutions in raising qualified manpower and creating knowledge and technology accumulation in line with Turkey's development goals, and we support sustainable development goals. We have made education and research our mission for the future of the world and humanity. We continue to work by giving importance to sustainability in order to leave a better world to future generations and to achieve lasting success."

Times Higher Education (THE), Impact Ranking (Impact Ranking) 2022 list can be found [here](#).



Among the Top 500 Universities Worldwide in the Field of Engineering and Ecological Sciences!



SCIMAGO
INSTITUTIONS
RANKINGS

The Spain-based ranking organization, SCImago (SIR), which ranks the universities from the point of view of the social effect indicators on the basis of their research performances, innovation printouts and web visibilities , announced its ranking list of international universities for 2022. While the Istanbul Gelisim University ranked among the first 500 universities worldwide in the field of Engineering and Ecological Sciences, it succeeded to rank on the 721st best university among 4.364 universities in general ranking.

One of the leading ranking organizations internationally, SCImago (SIR), which evaluated the web visibilities for 2021 of the research and innovation activities of the universities between the years of 2016-2020, published and announced the list of the leading international universities for 2022. While the Istanbul Gelisim University ranked among the top 500 universities within the field of Engineering and Ecological Sciences, it took place on the 721st best university among a total number of 4.364 universities internationally.

On the 24th Rank in the Fields of Economics, Econometrics and Finance

140 universities from Turkey took place in the SCImago 2022 list where the scientific performances of the Universities were evaluated in 19 different fields. While the Istanbul Gelisim University was listed on the 24th rank among the universities in Turkey at the research and innovation printouts, made in the fields of Economics, Econometrics and Finance, it occupied the 33rd rank at the list in the field of Engineering. The IGU, listed on the 16th rank in Turkey at the field of Ecological Sciences, occupied the 58th rank among the Middle Eastern universities and 351st rank, however, among the OECD universities.

[Click to access the SCImago 2022 world university rankings.](#)



Happiness at Gelisim!

Istanbul Gelisim University **students' satisfaction** has been certified by TSI.

Istanbul Gelisim University registered its quality with the ISO 10002 Customer Satisfaction Management System Certificate given by the Turkish Standards Institute. It successfully completed the inspection carried out by TSI on 18-19-20 July 2022.

TSI APPROVED STUDENTS' SATISFACTION WITH THIS CERTIFICATE

With the Student Satisfaction and Complaint Management System carried out by the Dean of Students of Istanbul Gelisim University, it is aimed to manage the requests, expectations and complaints of the students more efficiently and to increase the satisfaction level in the services and activities offered to the students. IGU, which has achieved success both with the trainings it gives to its employees and the workshops it organizes and by evaluating and resolving the complaints and suggestions from the students through two different programs, was entitled to receive the certificate approved by the Turkish Standards Institute by meeting all the standards. [Click](#) to access detailed information.

Dear IGU graduates and students, the new job search platform that matches the qualifications of job seekers with the features sought by employers has been opened to access. For detailed information, you can scan the QR code.



The advertisement features the logos of Istanbul Gelisim Vocational School (IGU) and its Career Guidance and Research Center (KARYON) on the left, and the IGU Graduates and Alumni Coordination Office (MMK) on the right. The main text in Turkish reads: 'Değerli İGÜ mezunları ve öğrencileri, iş arayanların nitelikleri ile işverenlerin aradığı özellikleri eşleştiren yeni İŞ BULMA PLATFORMU erişime açıldı. Üye olarak açık pozisyonları görüntüleyebilir ve başvuru yapabilirsin.' Below this, there is a QR code and the website address 'metsis.gelisim.edu.tr'. The background of the advertisement shows a collage of colorful puzzle pieces, each containing a stylized illustration of a person's head and shoulders.

OUR ACADEMICS WRITE

Drought

Lecturer Burcu DEMİR
Foreign Trade Program

The effects of climate change, which is a global threat, are seen radically all over the world. It is predicted that climate change will cause serious food and water crises in the future, together with its current consequences such as extreme drought, high temperatures, and unfavorable weather conditions. Drought is one of the longest lasting and most effective natural disasters.[1] Especially the decrease in precipitation creates serious problems in terms of water resources. Our country is one of the regions most affected by climate changes.

According to the "February 2023 Field Precipitation Report" of the General Directorate of Meteorology operating under the Ministry of Environment, Urbanization and Climate Change of the Republic of Turkey, precipitation decreased by 24 percent compared to normal and by 27 percent compared to February precipitation last year. In the same report, the distribution and graph of regional precipitation compared to normal and last year are shared as follows.[2]

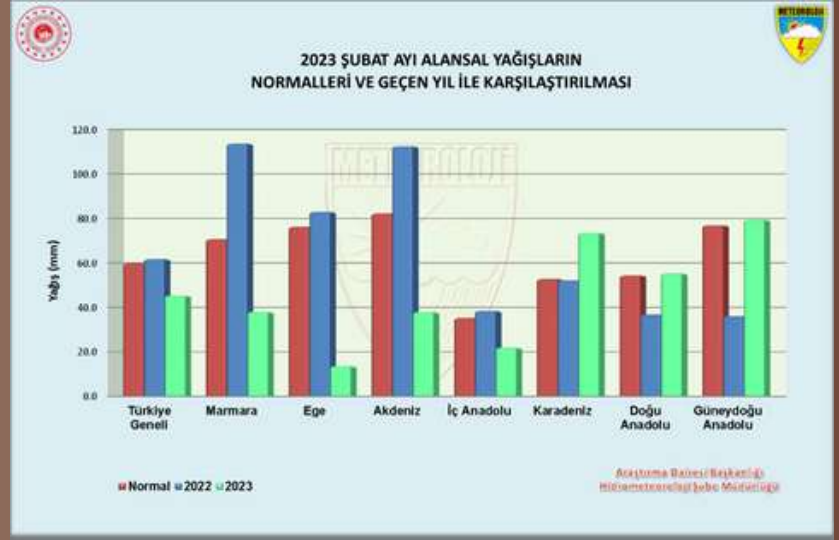


1. <https://acikders.ankara.edu.tr/pluginfile.php/> Erişim Tarihi: 9.03.2023

2. <https://mgm.gov.tr/veridegerlendirme/yagis-raporu.aspx>, Erişim Tarihi : 9.03.2023



According to the data in the chart, an increase in precipitation is observed in the Black Sea, Eastern Anatolia and Southeastern Anatolia regions compared to the previous year, while radical decreases are observed in the Marmara, Aegean, Mediterranean and Central Anatolia regions. In the comparison of Turkey in general for March 2023, the picture appears to be negative again. The drought level was measured at the highest levels in the crowded regions of our country in terms of population density. According to the data in the report of the General Directorate of Meteorology; Precipitation in Turkey was the lowest in the last 63 years. The highest decrease in precipitation levels occurred in the Mediterranean, Marmara and Central Anatolia regions. According to the related report; 5-month cumulative precipitation decreased to the lowest level of the last 63 years in the Marmara and Central Anatolian regions, the last 50 years in the Mediterranean Region and the last 30 years in the Aegean Region.



Most of the regions where drought is intense in the report also contain agricultural lands. While water is important for human life, it is also a resource for agricultural irrigation, and it is expected to adversely affect the production in this area. It is seen that the authorities have started to take various measures regarding these expectations. Due to the drought, Aydın and Denizli Governorships announced that they will implement a "Restricted Irrigation Program" for 2023 as in 2021. In this context, they declared that in the Büyük Menderes Basin, it was decided to give water to the farmers only twice, no matter which crop they planted during the production season.[3]

3. <https://www.tarimdunyasi.net/2023/03/06/aydin-ve-denizlide-tarimsal-sulamaya-kuraklik-kisitlamasi/> Erişim Tarihi : 9.03.2023



imilarly, in the statement made by Çanakkale Municipality, it was stated that the amount of water in the Atikhisar Dam with a capacity of 54 million 115 thousand cubic meters, which meets the drinking, usage and agricultural irrigation needs of the city, has decreased to 23 million cubic meters. Accordingly, it has been announced on the websites that various restrictions will be imposed on water use until April 30. [4] Similarly, according to the data of the Istanbul Water and Sewerage Administration (İSKİ), the occupancy rate in the dams is measured as 35.42 percent as of March 9,[5] but this level is the highest level realized in the last 9 years. It has also been stated to be low level. The occupancy levels of the dams in Istanbul can be seen as follows with various photographs taken by Anadolu Agency.

These data show us that we need to take very serious measures against drought. In order to reduce the drought effect, a disaster awareness should be created both in the society and in the administrators. Measures should be taken regarding the problems that may occur in the near future, and methods that will not create new threats should be applied instead of short-term plans. The transition to foods compatible with the final results of climate change instead of traditional agricultural products will become a necessity after a while. The projects of scientists who can work on this subject should be supported and international cooperation should be made.

First of all, everyone should take care not to pollute and to use water and similar living resources carefully in their own living space. Excessive use of water and paper, and pouring waste oil into sinks should be avoided. It should not be forgotten that this planet we live on will be our legacy to our children. Leaving them a livable world is one of our most fundamental duties.



4. <https://www.aa.com.tr/tr/gundem/canakkalede-kuraklik-nedeniyle-su-kullanimina-30-nisana-kadar-kisitlama-getirildi/2835408>, Erişim Tarihi: 9.03.2023

5. <https://www.iski.istanbul/web/tr-TR/baraj-doluluk>, Erişim Tarihi:9.03.2023

Structure and Thermal Characterization of Lithium-Ion Batteries

Lect. Hasan Hüseyin TAŞER
Hybrid and Electric Vehicles Technology
Program

LA lithium-ion battery typically consists of a negative anode, a positive terminal cathode, an electrolyte, a separator, a current collector, and an enclosure. The electrodes in lithium-ion batteries are the main component in determining the battery capacity amount and energy density amount. In the case of a lithium-ion battery, charging and discharging occurs by the movement of lithium ions between the positive and negative terminals. Lithium-ion battery cells are prismatic and cylindrical. The cathode material of the battery is produced in different structures. The structures of cathode materials can be examined in three groups. These are layered structures, cubic structures and olivine structures. The preferred lithium-composite materials in the cathode structure are lithium iron phosphate (LiFePO), lithium nickelate (LiNiO₂), lithium manganate (LiMn₂O), lithium cobaltate (LiCoO₂) and lithium nickel-manganese oxide (LiNiO₂). The nickel element has the highest concentration of active content among the cobalt and manganese elements used in the cathode electrode. Therefore, the capacity of a lithium-ion battery increases as the density of the element nickel increases. Lithium cobalt oxide (LiCoO) as spinels²) and lithium manganese oxide (LiM₂O₄) and layered oxides such as LiMPO₄ as olivines are common cathode materials used.



Figure 1. Lithium-Ion Battery

The anode active ingredient should have low oxidation and reduction potential and should not vary with lithium intercalation content. Generally, the anode electrodes used in Lithium-ion batteries are graphite-containing anode, nitrogen-doped anode, silicon-doped anode, and tin-containing anode. The electrolyte is the only means of communication for the movement of lithium ions and the control of current in the lithium ion cell. Lithium salt, which is an organic solvent, and different additives are elements used in electrolytes. In a lithium-ion battery, the separator is usually made of polyethylene (PE) or polypropylene (PP). It is a porous layer that prevents direct interaction of active compounds from the cathode and anode in the electrolyte.

In actual practice, the power density, high temperature and long life of the lithium-ion battery should be considered. Based on lithium iron phosphate, the battery offers performance and thermal safety. In lithium-ion batteries, the discharge process is carried out by the displacement of lithium ions and electrons. The generation of free electrons in the positive current collector takes place by the mobility of lithium ions on the anode. Electric current passes from the positive current collector to the negative current collector with devices such as mobile phones, computers. The separator prevents the electron exchange from passing through the battery. As battery cells discharge and generate electric current, the negative part, the anode, allows lithium ions to pass to the positive cathode region, allowing ion exchange. When the device is plugged in, the cathode releases lithium ions while the anode absorbs them. The working principle of lithium-ion batteries can thus be explained.

The temperature of lithium-ion batteries may exceed the allowable operating range due to heat generation. Temperature is one of the most important factors that prevent lithium-ion batteries from working properly. In addition to high or low temperatures, temperature differences inside the battery module have a significant impact on battery performance. Charge transfer and chemical processes involved in charging and discharging a lithium-ion battery are the leading causes of heat generation inside the battery. Heat is mainly divided into reversible heat and irreversible heat.

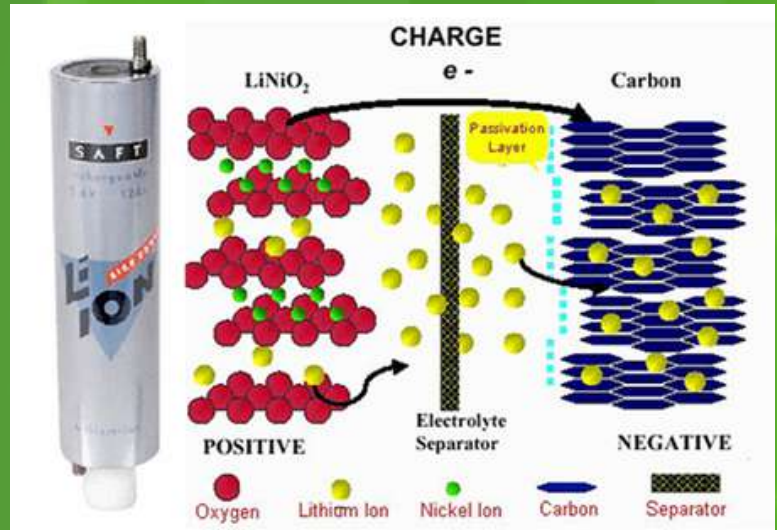


Figure 2. Charge and Discharge Structure of Li-Ion Battery

Due to the reversible entropy change, reversible heat is released at the positive and negative electrodes during the electrochemical reaction. Based on the working principle of the battery cell, the entropy change of the electrode determines the regenerative heat, that is, the periodic heat generation. The entropy coefficient is determined by the change in the charge and discharge states of the electrode. In the case of lithium-ion batteries, its share in the total heat generation is around 70% and plays an important role. Irreversible heat is generated at the electrodes, electrolyte and current collector. This is a type of heat called exothermic. This heating in a battery module encourages battery degradation and shortens its life, ultimately affecting the overall performance of the battery pack. In the high temperature operating range (such as 30–40 °C), a temperature increase of 1 °C can shorten the battery life by approximately two months.

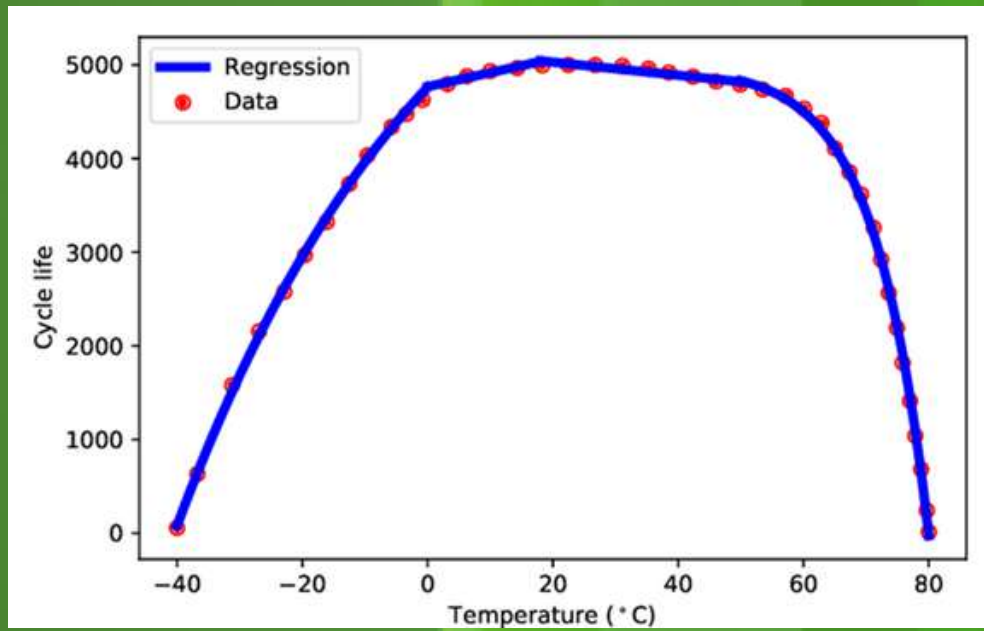


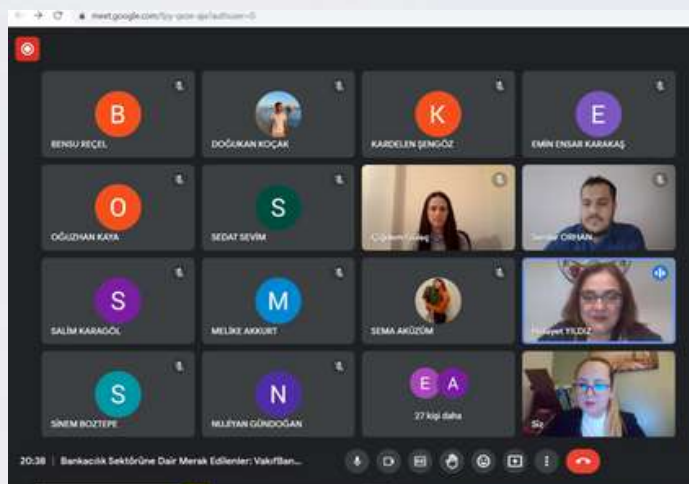
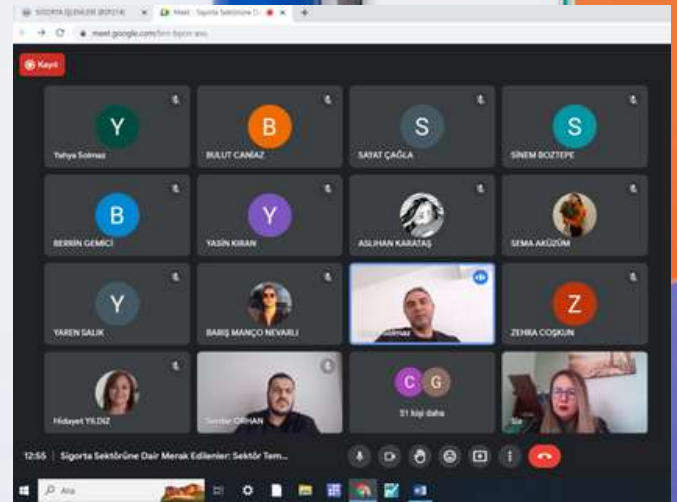
Figure 3 Effect of Temperature on Battery Life

Additional increase in temperature causes degradation of output power and operating capability and can cause thermal abuse. This situation generally affects the capacity and usable energy of the battery used negatively. When the temperature is raised above 55 °C, degradation of the anode and cathode materials will occur. In addition, an increase or decrease in temperature causes thermal runaways in batteries. Thermal runaways can cause expansion and contraction of the battery. Leakage in a battery is of great importance in the battery system, as it can affect other batteries or battery blocks. When the solidified electrolyte interphase breakdown occurs, the anode directly interacts with the electrolyte, raising the temperature. In this case, the battery will lose its function due to leaks. These thermal runaways experienced in lithium-ion batteries can cause the temperature to increase and exceed approximately 800°C. Batteries that reach such a high temperature value are likely to explode.



OUR EVENTS

Organized by the Istanbul Gelisim Vocational School, Banking and Insurance Program, "Curiosities About the Insurance Sector: An Interview with the Sector Representative" was held online via the Google Meet platform. Former Ethica Sigorta regional manager Yahya SOLMAZ attended the conversation. In the interview, the questions of the students about the insurance sector were answered.



Organized by the Istanbul Gelisim Vocational School, Banking and Insurance Program, "Curiosities Regarding the Banking Sector: An Interview with Çiğdem Güleç, Deputy Manager of VakıfBank" was held online via the Google Meet platform. Çiğdem GÜLEÇ, Deputy Manager of Vakıf Bank, attended the conversation. In the interview, the questions of the students about the banking sector were answered.

NEWS FROM IGVS

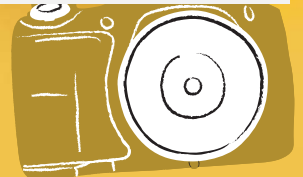
The "TUSI - Flying car" project developed in the research laboratories of our university was approved with the design registration number DM/226401 on the European Patent Office WIPO on 27.02.2023, after the design registration number 2022/008344 by the Turkish Patent Institute. WIPO Design registration certificate came to our University on 01.03.2023.

Among the designers of the TUSI-Flying Car project, which is the project of our university, are our university's Chairman of the Board of Trustees Abdülkadir GAYRETLİ, Electronics Technology Program Lect. Ali ÇETİNKAYA, Head of Computer Technologies Department Lect. Tuğba SARAY ÇETİNKAYA, Prof. Dr. Ali OKATAN, MSc. Furkan YILMAZ, MSc. Umut UZ and MSc. M. Ömer ERDOĞAN.

Bilal İNAN, lecturer at IGVS Web Design and Coding Department, has published an article titled "The effect of mobile-assisted online flipped learning process on pre-service teachers' information literacy skills and educational beliefs" in the International Journal Of Educational Technology and Online Learning. Access link is below.

<https://dergipark.org.tr/tr/pub/jetol/issue/72940/1159183>

IGVS, Computer Programming Program Lect. Metin ŞAHİN's first science fiction novel "Permanent Peace", which won him the first Golden Pen award, was published in English by a publishing house in England. [Click](#) to access.

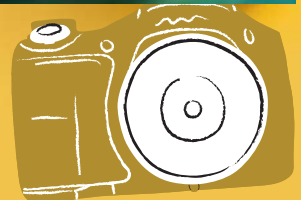


The article titled "Effect of the Earthquake on Maritime Transportation and Ports in the Region" by Ramazan AÇIKGÖZ, an associate professor of the IGVS Marine and Port Management Program, has been published. Access link is below.

<https://www.denizhaber.net/depremin-bolgedeki-deniz-tasimaciligi-ve-limanlara-etkisi-haber-112684.htm>

IGVS, Computer Programming Program Lect. Metin ŞAHİN's new book "From the Past to the Future and from the Future to the Present (Including Now)" has been published. [Click](#) to access.

IGVS, Computer Programming Program Lect. Metin ŞAHİN's interview has been published. [Click](#) to access.



2023

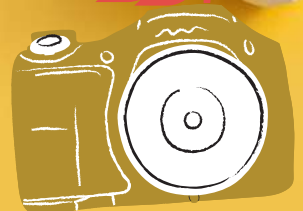


The article titled "Determination of Occupational Health and Safety Perceptions of Employees in Underground Coal Enterprises: A Case of Malatya", written by IGVS Occupational Health and Safety Program associate professor Güfte CANER AKIN and IGU OHS Graduate Student Orhun ŞAHİN, was published in TR Indexed Social Security Journal. Access link is below.

<https://doi.org/10.21441/sosyalguvence.1172722>

After the February 6 earthquakes, field studies were carried out in the earthquake zone with the research team supported by TÜBİTAK 1002/C. The report titled "February 6, 2023 Maraş Earthquakes (Pazarcık Mw7.7 and Elbistan Mw7.6) Field Observations Preliminary Investigation Report", of which IGVS Construction Technology Program lecturer Muhammet CEYLAN is one of the authors, has been published. The link to the relevant report is below.

https://www.gtu.edu.tr/fileman/Files/UserFiles/insaat_muhendisligi_bolumu/GTU_Maras%20Depremleri%20Deg%CC%86erlendirme%20Raporu_Final_07.03.2023.pdf



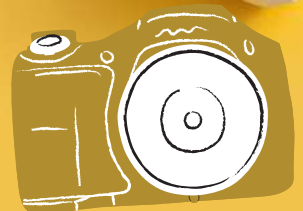
2023



IGVS, Our Deputy Director Lect. Esat DAŞDEMİR defended his doctoral thesis titled "Analysis of Factors Affecting the Dividend Distribution Behaviors of Publicly Traded Enterprises" in the jury of Prof. Dr. Halil TUNALI, Prof. Dr. Ahmet INCEKARA, Prof. Dr. Ferda YERDELEN TATOĞLU, Prof. Dr. Server DEMİRCİ and Assoc. Prof. Onur ÖZDEMİR and graduated from Istanbul University by wearing graduation gown by Halil TUNALI.



The Turkish Green Crescent Society launched the "Green Crescent Academy" in 2023. In this context, the website www.yesilayakademi.org, which includes introductory and advanced training on addiction areas such as tobacco, alcohol, substance, technology, gambling addiction and healthy living, and platforms offered to the benefit of each individual, was put into service. We present it to the information of our esteemed students.



CLUBS

TALK!

GastroArt Club Advisor:
Prof. Dr. Aslı ALBAYRAK

GastroArt Club President:
Yağmur İrem ÖZKAN

GastroArt Club Vice President:
Dicle GÖKGUZ

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.





AGENDA OF PERSONNEL

Lect. Volkan CANTEMİR appointed to the "Lecturer" position in Istanbul Gelisim Vocational School
Web Design and Coding Program at our University.



Lect. Ece CANTEMİR appointed to the "Lecturer" position in Istanbul Gelisim
Vocational School Interior Design Program at our University



MASTHEAD



Istanbul Gelisim Vocational School



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 St. No: 1, 34310
Avcılar/İstanbul

With the recent global developments, the importance of energy efficiency has come to the fore even more. Many countries, especially in Europe, have announced various measures in order to use energy efficiently and to save energy. In our country, important steps have been taken and continue to be taken in this regard.



REPUBLIC OF TÜRKİYE MINISTRY OF ENERGY AND NATURAL RESOURCES

In cooperation with the Ministry of Environment, Urbanization and Climate Change, the Ministry of Treasury and Finance and the Ministry of Interior, loans up to 50,000 TL with a maturity of 60 months and an interest rate of 0.99 were provided in order to have the thermal insulation of the houses without thermal insulation done. We present to your information the "Heat Insulation Campaign in Residences" promotional video prepared by the Ministry of Energy and Natural Resources in order to use energy efficiently and to save energy...

[Click to access.](#)



PROTECTION AGAINST VIRUS IS IN OUR HANDS



THE MOUTH AND NOSE SHOULD BE CLOSED WITH PAPER TOWEL DURING COUGHING AND SNEEZE. IF YOU DO NOT HAVE ANY WIPE, THE INSIDE OF THE ELBOW SHOULD BE USED.



CLOSE CONTACT SHOULD AVOID LIKE HANDSHAKE AND HUGGING.



IT SHOULD BE STAYED AWAY FROM CROWDED ENVIRONMENTS.



DO NOT TOUCH THE MOUTH, NOSE AND EYES WITH DIRTY HANDS.



HANDS MUST BE WASHED WITH WATER AND NORMAL SOAP FOR AT LEAST 20 SECONDS.



ALCOHOL CONTENT HAND ANTISEPTICS SHOULD BE USED IN CASE OF THERE IS NO WATER AND SOAP.


/SaglikBakanligi

saglik.gov.tr

For Detailed Information,
Please Read QR Code.



www.gelisim.edu.tr

THINGS TO KNOW



ABOUT NEW CORONAVIRUS



All necessary measures are taken for the **coronavirus** revealed in Turkey and the World at **Istanbul Gelisim University**. **Things to know about coronavirus are as follows:**

What are the new coronavirus symptoms?

- The most common symptoms are **fever, cough and respiratory distress**.
- In severe cases, **pneumonia, severe respiratory failure, kidney failure and death** may occur
- Incubation period is between **2 and 14 days**.

How is the virus transmitted?

- It can be transmitted by the contact of the droplets caused by **coughing and sneezing** with the contact of the **mouth, nose and eyes** of other individuals in certain environment and by touching the surfaces where the droplets adhere and taking hands **into the mouth, nose or eyes**.

What to do to be protected from the virus?

- When **coughing or sneezing**, the mouth and nose should be covered with a **disposable tissue**, if there is no handkerchief, the mouth should be closed with the **upper sleeve or elbow**, not with the palms.
- **Handshaking and hugging** should be avoided.
- **Mouth, nose and eyes** should not be touched with dirty hands.
- Hands must be washed for **at least 20 seconds** in accordance with the **Handwashing Instructions** found in the toilets. In the absence of water and soap, **alcohol-containing hand antiseptics** should be used. **Cologne of 70-80 degrees** also serve as disinfectants.
- Offices and classrooms must be **ventilated hourly**.
- Places frequently used by many people such as common areas and door handles should be **disinfected every 2 hours**.
- Hands **must be washed** after using **public transportation**.
- Because the virus progresses faster in people with low immune system; **a balanced and healthy diet** is required. Foods **must be washed thoroughly** before consumption.

What to do if there are symptoms?

- If you have come from countries with infections **in the past 14 days**, apply to the **nearest healthcare facility** by wearing a **surgical mask**.
- If you are **coughing, have a fever and have difficulty at breathing**, apply to the **nearest healthcare facility** by wearing a **surgical mask**.
- **Always wear your mask** when you are in the same room with **a person who is recommended insulation** at home.

