

February

2022

Volume 2 / Issue 2



Dear Young People,

Istanbul Gelişim 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 february 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. Dr. İsmail Cem AY

World universities are ranked according to their ‘Power of Influence’: Istanbul Gelisim University ranked 24th in Quality Education!

Times Higher Education (THE) Impact Ranking 2021, the world university ranking organization, has been announced. In the ranking, Istanbul Gelisim University (IGU) has achieved a great success by taking the 24th place among the universities that provide the highest quality education in the world.

In the category of ‘Quality Education’, Istanbul Gelisim University has achieved a great success by ranking 24th among 1240 universities worldwide. At the same time, the university ranked 1st, leaving 45 universities from Turkey in the ranking.

Please [click here](#) for more information.

822nd AMONG 4,126 WORLD UNIVERSITIES

World university ranking organization SCIMAGO 2021 results announced. In the evaluation, Istanbul Gelişim University was ranked 822th among 4 thousand 126 universities in the world.

The SCIMAGO 2021 world university ranking list, which is made by evaluating the research and innovation activities of world universities between 2015-2019 and web indicators for 2020, has been announced.

“21st in Economics, Econometrics and Finance”

SCIMAGO, the Spanish-based international higher education rating agency, measured the research performance, innovation output and web visibility of world universities. According to its research and innovation studies in the fields of Economics, Econometrics and Finance, Istanbul Gelişim University ranked 21st among the universities in Turkey, 7th according to its research and innovation studies in the field of environmental sciences, and 30th in Turkey according to its research and innovation studies in the field of mathematics.

In the field of environmental sciences, Istanbul Gelişim University also managed to be the 300th among OECD country universities and 37th among Middle East universities.



OUR ACADEMICS WRITE

Why Interest?

The Turkish Statistical Institute (TSI) announced that the Consumer Price Index (CPI) increased by 48.69% annually for January 2022. As a result of the dramatic rise in inflation, all eyes turned to the Central Bank of the Republic of Turkey (CBRT). Of course, again, “should interest rates fall or increase to reduce inflation?” questions were discussed. Before discussing the government’s intervention in interest rates, it is necessary to give a brief definition of interest. Most succinctly defined, interest is the price of money. Therefore, when we substitute the definition of interest for the word “interest” in our first proposition, our question will lead us to ask other questions. For example; why does the government set the price of money? According to the liberal state understanding, the value of a good or economic asset is determined at the intersection of market supply and demand. Why is this situation, which Adam Smith describes as the invisible hand, not applied to money markets?

In the absence of a central bank, the interest rate will be determined by the supply of funds and the demand for funds. However, the central bank interferes with the money market and prevents the functioning of the market mechanism. Roughly speaking, in our current situation, the central bank intervenes in the money market by producing money. This situation, which is seen in almost every liberal world economy and is considered quite normal and almost never questioned, actually ignores the most basic assumption of liberalism. Because these interventions are one of the most important tools that keep the liberal system alive. The central bank’s lowering or raising interest rates will perhaps affect the general level of prices in the short run, but there is no example of a developing country with monetary policy decisions in the long run. The development of a country is not a goal to be achieved by interest rate decisions or by attracting hot money. The development of a country depends on the development and retention of human capital in that country. While the

departure of financial capital out of the country does not make much sense in the long run, human capital, is the primary factor that will determine the future of the country. Therefore, an increase or decrease in interest rates will not significantly affect the production of goods and services.

As a result, if the state does not produce goods and services for basic needs and does not determine the market price of these, it should not determine the market price of money. Money must find its own price in the free market. The free banking theory in the literature criticizes this situation exactly. This system, which the states maintain by borrowing their citizens in order to make the poor poorer, should be reviewed. Otherwise, these dramatically increased inflation rates will continue to rise tragically.

Lect. Esat DAŞDEMİR
Deputy Director of IGVS
Foreign Trade Program

See: Ay, İ. C. & Daşdemir, E. (2022). Serbest Bankacılık Teorisi Örneği Olarak Kripto Para Piyasaları. Öneri Dergisi, 17 (57), 1-20. DOI: 10.14783/maruoneri.999871



A Time Machine – James Webb Telescope

There have been great developments recently in the fields of astronomy and cosmology related to the formation process of the universe, which is one of the most curious subjects throughout the history of humanity. Scientists from different countries of the world, who came together in an effort to research the unknown about space, launched the space telescope named “James Webb” at the end of 2021 with the joint work of NASA, Europe (ESA) and the Canadian Space Agency. The work that has been going on for more than 20 years has resulted in a great effort and the launch was successfully accomplished on 25 December between 15.20-15.50 Turkish time. It is aimed to observe and transmit information for about 10 years after the telescope settles into its orbit and completes the calibration processes. The telescope, which has been traveling without any problems for now, takes its name from the scientist James Webb, who worked on the Apollo project in the 1960s and was the head of NASA.

So why is this telescope so important? Although humanity has been continuing its research on space for a long time, according to estimates, we still have 5% of the total information about space. There are many studies in this field, as this obscurity leads to the desire to solve this mystery. Since there are so many unknowns about space, mainly due to the inadequacy of the observation part, special attention is given to studies in this field. While the number of stars that can be seen with the human eye in the clearest conditions is around 5000, the image of 200,000 galaxies has become accessible with the recently launched Hubble telescope, which left its mark on the 90s.¹ Due to the effect called “Hubble deep field”, which feels as if it moves in an endless loop with the images of the Hubble telescope, scientists began to wonder

1 https://www.nasa.gov/mission_pages/hubble/main/index.html

2 https://www.nasa.gov/mission_pages/webb/about/index.html



more and more what is happening in the depths of space.

In fact, one of the most important effects that accelerated the completion of the James Webb telescope, which has been working for many years, is this “deep field” effect created by the Hubble telescope.² In order to get a little closer to this unknown, a telescope (eye) with a diameter of about 6.5 meters was launched 1,500,000 km from the earth and settled into its planned orbit on January 25th. This telescope, which consists of hexagonal and gold-plated mirrors, is aimed to observe even the faintest stars towards the beginning of space by capturing infrared lights, which are called infrared, to shed light on the approximately 14 billion years that passed after the big bang, and to observe the traces of the first stars that appeared



after 100,000 years after the explosion.³ It was announced that James Webb would convey his first observations about 6 months after the launch, but he sent a selfie and various star images as a surprise to his followers recently.⁴ It is stated that the next journey process will continue with the realization of the calibration stages and will be completed approximately in June. According to scientists, this telescope, in addition to being the largest telescope ever made, can provide the opportunity to see even very old stars about an important unknown for humanity. These stars are categorized as the first stars to form after the big bang. It is also aimed to convey various observations of possible life forms on planets close to Earth. Do you want to travel in time? Then you can follow James Webb’s journey and his posts on this journey on NASA’s website.⁵

Lect. Burcu DEMIR
Foreign Trade Program, Program Head

3 https://tr.wikipedia.org/wiki/James_Webb_Uzay_Teleskopu

4 <https://www.space.com/webb-telescope-space-selfie-nircam>

5 <https://jwst.nasa.gov/content/webbLaunch/whereIsWebb.html?units=english>

SOCIAL ENGINEERING

Today, people take security measures in many areas against all kinds of dangers that may come from their environment. E.g; They choose the one that is most resistant to the possibility of their house's doors being opened from the outside, or they protect their phones with the most complex password to be more secure in case someone gets their hands on them. In short, they try to protect themselves against many attacks that they can or cannot foresee. Most people who take very strong and effective security measures do not think that being deceived will happen on their own. But it should not be forgotten that the weakest link in security is people.



“The chain is only as strong as its weakest ring. Here, however, the weakest link is people.”

Considering the concept of security as a structure emerging from the combination of chain rings, the weakest link in this system is human. When we look at the advanced security systems, even at the head of these systems, there are human(s). Obtaining data by taking advantage of the weaknesses of this weak link, that is, human(s), has revealed the concept of social engineering, in other words, society engineering. The most effective method to ensure security in the social engineering process will be to strengthen the weakest link, the human factor. For this, it is necessary to create information security awareness.

Social Engineering Process::



Figure 1: Social Engineering Process

The application process of social engineering is as shown in Figure 1. The social engineer firstly conducts research about the target, the victim, and collects information about himself, and tries to gain the friendship and trust of the victim in order to gain access to the information he has collected. If he has gained his trust, he starts to abuse the trust to reach the information he aims. If the targeted information is achieved in this process, it means that the transaction has been successful. If he fails, he returns to the first process and reconnects with the victim, the target, about which he obtained information, and performs an attack. The process is repeated over and over until a successful attack is made. The point to be noted here is that the attacker must have left an open door in order to reach the target, the victim.

Social Engineering Concepts:

The most commonly used concepts in social engineering are:

Shoulder Surfing: It is a type of attack that is carried out to see the keys and steal password and user information as a result of the user entering information via the keyboard.

Reverse Social Engineering: It is a type of attack that starts when the person encounters a problem and calls the attacker to ask for help.

Dumpster Diving: It is a type of attack that takes place by unwittingly mixing the dumpster in order to collect useful information about the target, that is, the victim.

Identity Theft: It is a type of attack that occurs when someone else's personal information is used unauthorized by others.

Phishing: It is a type of attack that takes place in order to access sensitive data. It occurs as a result of sending and clicking a link to the target, namely the victim, via a fake e-mail or fake website. The designed web sites are exact copies of the original sites and are created in a way that gives the impression that they have all legal rights. The link sent via e-mail can be sent from a bank or a known institution to confirm user information.

Phone Phishing (Vishing): It is a type of attack that aims to collect information about the target as a result of specifying a phone number and calling the number instead of a fake link sent to the target, that is, to the victim.

Impersonation: It is a type of attack that occurs when a social engineer physically infiltrates the environment by acting as an employee of an institution, such as a worker, doorman, cleaning staff.

Online Fraud: It is a type of attack that is carried out by using malicious software such as keyboard listening software (keylogger), virus, trojan horse (trojan), worm (worm) to reach the password information of the target, that is, the victim.

Help Desk: It is the most classical method known. The target, that is, the victim, is called in order to help technically, and it is the type of attack that occurs as a result of the instructions given during the help on their computer.

Acting Like an Important User (Important User): In this attack type, the target of the social engineer is to

access the targeted information by acting as a VIP (Very Important Person) or a high-level authorized person.

Being a Third Party (Third-Party Authorization): It is a type of attack that occurs when the social engineer convinces the other party to gain access to the system, as if he has obtained permission from an authorized person, and takes action.

Drying the Source: The target, the victim, becomes aware of the attack by the social engineer.

Basic Precautions That Can Be Taken Against Social Engineering Attacks:

- When discarding the document or documents, the paper should be passed through the clippers or tear off until it is unreadable.
- User-specific information (username, password, ID card information) should never be shared with anyone else.
- Care should be taken not to share personal information on social media platforms. For example, TR ID number, date of birth, place of birth, phone number, etc. Such information should not be shared on social media platforms. It is necessary to act in a controlled manner, knowing that someone can access all personal information and shares given on the Internet.
- The user needs to make sure that no one is watching you while entering passwords from the keyboard or keyboard type input units (ATMs). In this case, attention should be paid to the type of attack that occurs through shoulder surfing.
- You should not give credit and share your information when they introduce themselves as police, gendarmerie, prosecutor on the phone, which has been happening frequently lately, and ask for your personal information, credit card information or money to be sent for any reason. If you encounter such a situation, you should immediately report it to the police.
- You should not leave information such as user name and password in a visible place by writing on any piece of paper.
- It should not be forgotten that even the people closest to you can hunt each other with social



engineering techniques. You should be careful in case people you know or do not know come to you and communicate with you in order to help you.

- You must use the licensed and updated version of the operating system you have used on your computers.
 - You should not use unlicensed software that is considered harmful on your computers.
 - In order to protect your computer against malicious software, security must be ensured by using a licensed and valid anti-virus program.
 - You should change the passwords you have used frequently and create strong passwords.
 - User name and password information should be deactivated immediately as a result of the dismissal of the personnel working in an institution.
 - Identity information of a visitor coming from outside the institution should be taken and if possible, a staff member should be present when he/she travels within the institution.
 - People should be constantly informed about social engineering attacks and information should be given about new or emerging attack methods.
- As can be seen in the items listed above, the human factor is at the forefront of many measures that can be taken. It should not be forgotten that social engineers will carry out their attacks by using or exploiting personal vulnerabilities, knowing that the weakest link in the chain is human, and it should be sensitized to take all necessary precautions.

References

Dersi, E. H. SOSYAL MÜHENDİSLİK.
Erişim adresi <https://www.siberay.com/sosyal-muhendislik>

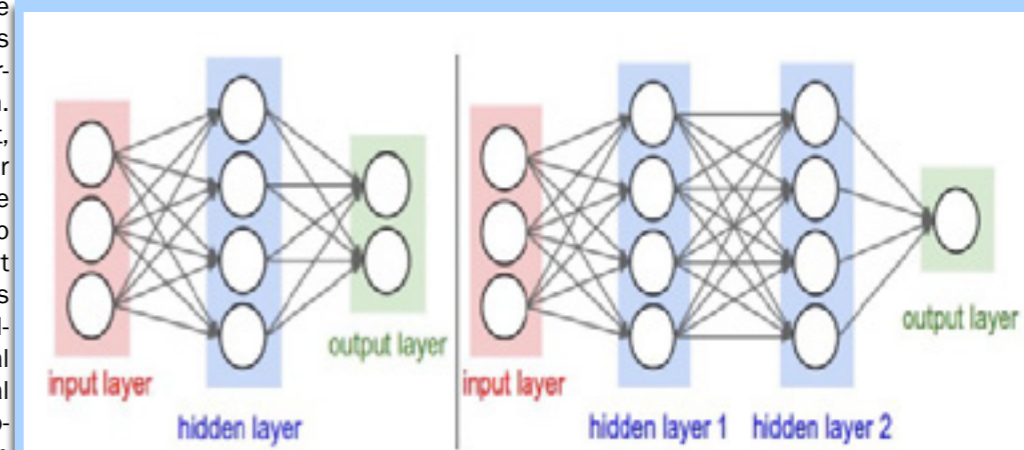
Gündüz, M. Z., & Taş, R. (2016). R”Sosyal Mühendislik: Yaygın Ataklar ve Güvenlik Önlemleri.” . PD Ş. Sağıroğlu, PDM Alkan, PDE Akyıldız ve DDS Akleylek, Ed 9.

Lect. Çisem Yaşar
Computer Technology Program

ARTIFICIAL NEURAL NETWORKS

The human brain and the entire body as a whole is a machine that works incomparably better than the most perfect machine currently working on Earth. Of course, some features (such as input, working and getting results) are better than electronic machines and some are worse. The word “bad” here is used to mean slower results. A very small part of the way the human brain works has been described as a mathematical model. This model is also called “artificial neural networks”. Every mathematical model can be edited as a computer program. In other words, it can be written in a programming language in which mathematical formulas can be used.

Very old programming languages such as Fortran, Pascal etc. or today’s languages such as C#, C++, Visual Basic etc. can be use. The first model of artificial neural networks – (ANN) – “contained only 1 (one) middleware. Therefore, it could not be used to solve many problems. Due to this problem, ANN studies were interrupted for a long time. However, when the number of hidden (intermediate) layers was increased, problems that could not be solved before started to be solved with ANN. The number of middleware layers in ANN and the number of processing elements in these layers increased the problem solving sensitivity of ANN. After this stage, ANN is divided into many parts such as teacher learning and teacherless learning. In teacher-learning, some input information to ANN and corresponding outputs are given. In addition, in the ANN model, the initial weight values of the processing elements are generated randomly or with certain numbers. The number of iterations, momentum and error values are given within a loop model. The ANN program uses all these data to calculate the next weights and the new weights in the loop, and the process continues in this way. If an error number less than or equal to the desired error amount is obtained in the last stage (if it is not obtained, it continues until the completion of the iteration number), the execution of the program is stopped with the written control codes. The network is now trained. (Sometimes, the undesirable situation – memorization – may also occur). In this case, it is necessary to repeat the operations (the program must start from the beginning). Now that learning has taken place, outputs from which input values are desired are introduced to the ANN program, for example as a file, and outputs corresponding to the inputs from the file (at least with errors) can now be obtained. In addition, several ANNs can be operated and used in series or parallel. In this case, the out-



Bir gizli katmanlı ve iki gizli katmanlı bir Yapay Sinir Ağları modeli.

puts corresponding to the inputs are obtained more precisely. (According to an ANN model.) Today, ANN is actively used in solving many problems. To give an example of some of them; diagnosis of diseases, detection of license plates of vehicles, earthquake prediction, whether other planets are suitable for life, weather forecast, estimation of sea water temperature, calculation of sales amounts, which team will be champion, whether students will be successful, fine arts applications, etc. just a few of them. In addition, ANN systems can be made so “autonomous” that they can develop their own autocontrol system and progress on their own, by interacting with the external environment at least in every sense and structure, with their sensors and output generators, away from “human” intervention unless necessary. At this stage, it is “Artificial Intelligence” that is in question. There are many ready-made ANN programs available. In fact, they are ready to be installed on the hardware and open to use just like a PIC Programming kit. With a broad-based “intellectual approach”, what we can call higher versions of ANN or other methods will take their place in the future for better solution of many problems (time, memory, size, environment, etc.). This shows that there will always be problems. Because this is the rule of nature. Humans and other intelligent creatures will always be in a work based on “invention” and “discovery” as long as they exist. In another sense, this is an indication that “science and technology” are in constant development.

Lect. Metin Şahin
Information Security Technology Program

CLUBS TALK

GastroArt Club

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 Gelişim University can join the GastroArt Club. The official account of the club is @gastroartigu and the e-mail address is gastroartigu@gmail.com.

GastroArt Club Advisor: Lect. Elif Zeynep ÖZER

GastroArt Club President: Murat BAĞ (Gastronomy and Culinary Arts Department student)

GastroArt Club Vice President: Serdar DELİBAŞ

GastroArt Club Vice President: Yağmur İrem ÖZKAN

COLUMN OF OUR STUDENTS

Have you ever thought that the stone that keeps your life in balance collapsed?

We leave you alone with the analysis of the movie Sound of Metal, which is about a man who devoted his life to music, losing his hearing.

Sound Of Metal, the first film directed by Darius Marder, had its world premiere at the 2019 Toronto International Film Festival on September 6, 2019, and received much applause at the festival. It aired on Prime Video, the world's digital TV series platform, in late 2020. This production, which was produced by Amazon Studios, attracted great attention around the world. The film, which made quite a splash, was on the top ten list of 2020 by 51 critics.



Darius Marder, who wrote the screenplay with his brother Abraham Marder, shows great success in the processing of the character in this work. Marder, who made a name for himself with the movie "The Place Beyond the Pines", for which he wrote the screenplay, has achieved great success despite being his first film by winning many awards such as the Best Film Editing Oscar 2021, the BAFTA Best Sound Award 2021.

Ruben goes on tour with the Heavy Metal Band, which he founded with his girlfriend, and they do their best to introduce themselves and become popular. Ruben takes great care of his lover Lou, who is always by his side, and

his music, which is his lifestyle, in this perfect arrangement that he established by purifying the dirt of his time when he was a drug addict. While everything is progressing briskly and beautifully, Ruben realizes that the voices are getting less and less during a shopping trip. When he wakes up the next day, he realizes that he can't hear almost completely, so he rushes to the doctor. The doctor tells him that he has lost most of his hearing, that it will not return, that he should be careful and not be in a loud environment for the rest. He decides to keep stealing to save money for surgery, which is the only solution.

Even though he hears very little voices, he goes out to play at the concert in the evening, all the sounds stop and his world turns upside down at that moment. Fearing that he will return to his old addicted life as a result of this great destruction, Lou reluctantly persuades Ruben to go to a voluntary rehabilitation center for the deaf. On the other hand, she returns to France with the ticket that her wealthy father, whom she does not see very often, sent for her. The head of this community is Joe, who lost his hearing in the Vietnam War. Although this center belongs to a devout Catholic church, according to Joe, being human is enough to join this community. He needs to be patient to learn to hear with the heart, but Ruben knows that there is a solution and he wants to get rid of this situation as soon as possible, even though he attends a few lessons. He also has surgery by selling his caravan... An Intense Drama...

The film provides emotional integrity with its dark theme and cold colors. The silence, which takes the place of the sounds that hurt our ears from time to time in the first scenes, allows us to be drawn into a bottomless pit.

With the carefully made sound editing, the audience also experiences what a hearing-impaired person experiences. My favorite part of the movie was that it conveyed the drama intensely to the audience. The performance of Riz Ahmed, who completed the character that Marder masterfully transferred to the big screen, was admirable. I think he succeeded in making us feel hope, helplessness, failure, everything he was in and felt.

THE STORY OF MOVIE

NAME: SOUND OF METAL

GENRE: DRAMA

DURATION: 120 MINUTES

DIRECTOR: DARIUS MARDER

PRODUCTION: AMAZON STUDIOS

SCENARIO: DARIUS MARDER, ABRAHAM MARDER

LEADING ROLE: RIZ AHMED

Esat Furkan ÇAMURDAŞ
Radio and Television Programming Program, 1st Year Student

OUR EVENTS

The Artificial Intelligence and Unmanned Aerial Vehicles Technology event, in which the students of our university took an active role, was organized by the National Defense Technologies Club in cooperation with Istanbul Gelişim University Başakşehir Municipality Living Lab. Başakşehir Smart Urban Planning and Innovation Chief Ömer Karabayraktar, VisioSoft Founding Partner and CTO Özcan Durak, Drone Türk CEO Mustafa Kaçan, Teknofest 2021 Volunteer Evaluator Dinçer Kayalı were hosted at Istanbul Gelişim University at the Artificial Intelligence and Unmanned Aerial Vehicles Technology event held on 06.01.2022. Speakers met with our students in the conference hall of our university. At the said event, the participants talked about the support of Living Lab, the development process of Artificial Intelligence, the project development stages, and the usage areas of UAVs. At the end of the event, participants were given a certificate of participation by Başakşehir Municipality Living Lab. [Click](#) for detailed information.



IGVS Fashion Design Program participated in the Istanbul Fashion Connection Ready-to-Wear and Fashion Fair organized by İHKİB. First of all, with the presentation of WGSN Turkey Representative, the trend themes, color information and key products of the next season were learned at the 2022-2023 Spring-Summer Women's and Men's Ready-to-Wear Trend Seminar. Afterwards, the fair area with nearly 600 exhibitors was visited and the companies and their products were analyzed. [Click](#) for detailed information.



The social responsibility project named "There is Hope in Development", which was realized for the second time, continued throughout the 2021-2022 academic fall semester. In this project, Istanbul Gelişim University Vocational School Foreign Trade program head and students met the basic stationery, play equipment and clothing needs of 945 students of various age groups studying in village schools. This project was carried out entirely on a voluntary basis and with the material support of the donors. The collection, categorization and packaging of the materials determined according to the needs were completely completed with the contributions of our students. The main objectives aimed here are; to reflect the culture of solidarity, to have an idea about different lives and to practice teamwork. Please click here for more information.



A Technical Trip to the 25th Eastern Mediterranean International Tourism and Travel Fair (EMITT) was organized within the scope of IGVS, Food Technology Program

As the Food Technologies Club, a Technical Trip was organized to the 25th International Emitt Fair held in Tüyap between 9-12 February with the

Food Technology Program Lecturer Kübra SAĞLAM and Lecturer Eda ŞENSU. The cultural and culinary riches of our country were introduced at the fair, where products from many provinces and districts of our country, from geographically indicated products to local products, were tasted. At the fair, where information about tourism agencies was obtained, local products such as Tandoori soup, cold baklava, velvet dessert, Çorum roasted chickpeas and Burdur Salep were tasted and received full marks by our students.



NEWS FROM IGVS

The cooperation of Istanbul Gelisim Vocational School and Afyonkarahisar Do It Yourself Association broadens its horizons. The Symposium, which will be held for the second time this year, will include technology, design and skill workshops, sample applications, eTwinning project applications, as well as social sciences with various applications. The International Symposium, which is nearing the end of the submission deadline, will take place face-to-face at the Ikbal Hotel on March 7-8 and online on March 9. Our original knowledge production activities continue at full speed. Please [click](#) here for more information.



Delighting Success: Our Student Is A Champion Again

Competing in the 55 kg category at the Turkish Senior Weightlifting Championship held in Çorum between 2-6 February 2022, National Weightlifter Duygu Alıcı added a new one to her success by lifting 80 kg in snatch and 105 kg in clean and jerk.

Our national athlete, who became the champion of Turkey for Seniors by renewing her own Turkey record, made our country proud by placing 4th in the 2021 World Junior Weightlifting Championships before.

After the championship, IGMYO Manager Asst. Prof. İsmail Cem Ay accepted Duygu Alıcı, our student from Istanbul Gelisim Vocational School Sports Management Program, and the national team trainer Ramadan Mutlu in his office and congratulated our student and Mutlu. After the meeting, souvenir photos were taken together.



Universities became a new patent door

Universities, one of the most important sources of information and technology, have taken the wind of patents behind them in recent years.

When patent and utility model applications are examined, the first 5 universities are based in Istanbul, while 9 universities in the top 20 are outside of Istanbul. Istanbul University, Istanbul Gelisim University and ITU were also in the first 3 places in the list.

When the patent certificate holders in at least one country are examined, the first 6 universities are based in Istanbul, while the 10 universities in the top 20 are outside of Istanbul. Istanbul University, Istanbul Gelisim University and ITU are in the top three.

Please [click](#) for the source and the rest of the news.

The article titled "Crypto Money Markets as an Example of Free Banking Theory" written by our School Director Assist. Prof. Dr. İsmail Cem AY and our Deputy Director Lect. Esat DAŞDEMİR was published in the 17th Volume, 57th issue of the Journal of Öneri. The access link is below.

<https://doi.org/10.14783/maruoneri.999871>



Heavy electric bills, faced by home (residential) subscriber's groups of consumers occupying the agenda to a great extent in recent days, have brought the question of "Whether it is possible to pay a lower bill" to the minds. The Academic Member, Dr. Ekrem Süzen, who is the Head of the Department of the Civil Air Transportation Management Program of the Gelisim Vocational School of the Istanbul Gelisim University, indicated the methods of having an invoice of lower value for the consumers whose Daily consumption is over 7 kWh.



"USE HOUSEHOLD ELECTRICAL APPLIANCES"

The decision of the Energy Market Regulating Board, published in the Official Gazette of December 31, 2021, to bring the dally consumption of energy from 7 kWh down to 5 kWh was raised to 7 kWh again as of the month of February. However, the Academic Member, Dr. Ekrem Süzen, of the Istanbul Gelisim University made clear the methods of having lower bills for the consumers, who seek the use of electricity in the optimum manner without giving in from the comfort of life any further, as follows:

<https://gelisim.edu.tr/haber/bu-onlemler-elektrik-faturanizda-tasarruf-saglayacak>

IGVS, Occupational Health and Safety Program Assist. Prof. Dr. Güfte CANER AKIN's article titled "Determination of Raw Hide Loading Equipment in terms of Occupational Health and Safety with AHP and MAUT Methods" was published in the Journal of Uluslararası Mühendislik Araştırma ve Geliştirme. The access link is below.

<https://dergipark.org.tr/tr/pub/umagd/issue/68314/971517>



IGVS, Automotive Technology Program Lect. Mahmut Nedim TANSU's article titled "Investigation of Trends in Hybrid and Electric Vehicles in Turkey" was published in Ejons International Journal of Mathematics, Engineering and Natural Sciences. The access link is below.

<http://dx.doi.org/10.38063/ejons.517>



During the 2021-2022 academic spring semester, the days and times of the meeting with the academicians you take classes with have been announced on obis and on our website. Please [click](#) here for more information.



As Istanbul Gelişim Vocational School, we wish you a good health and success in the spring semester of the 2021/22 academic year. On this occasion, please [click](#) to access our opening letter for the term we have prepared for you.



The paper titled "Effects of Ground Strain and Pipeline Orientation on Pipeline Damage During Earthquakes", co-authored by IGVS Construction Technology Program Lecturer Muhammet CEYLAN, was presented at the ASCE-UCLA Lifelines Conference 2021-2022, one of the largest conferences in the world, held in the United States on 02.02.2022. The relevant presentation and conference details can be accessed from the links below.

<https://samueli.ucla.edu/lifelines2021-22/>

<https://www.youtube.com/watch?v=tj5d2Zg3SiI>

IGVS, Information Security Technology Program, Lect. Tuğba SARAY ÇETİNKAYA's article titled "Application of Deep Learning Algorithms on GPU and CPU Hardware Architectures and Performance Analysis: Experimental Research" was published in the 33rd issue of "Journal of European Science and Technology". Access link is below.

<https://dergipark.org.tr/tr/pub/ejosat/issue/68221/937936>



Our Deputy Director of the School Lect. Esat DAŞDEMİR's article titled "A New Proposal for Consumer Price Index (CPI) Calculations and Income Distribution Measurement by Income Groups" has been accepted for publication in the ESCI indexed Journal of Economy Culture and Society.



Applications for three competitions, which will be held under the auspices of Ankara Russian Science and Culture Center (Rossotrudniçestvo), with the contributions of Ankara Social Sciences University, Ardahan University, Istanbul Gelişim University, MAPRYAL, Russian Teachers and Translators Association and Hece Publishing, in order to strengthen the strong bond between Russia and Turkey, has begun.

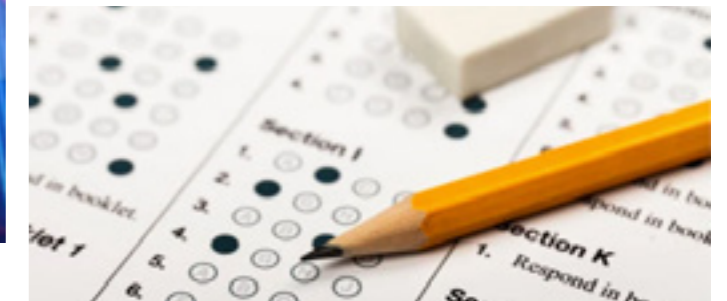
You can find detailed information about the competition in which Asst. Prof. Sevda POLAT from IGVS Applied Russian and Translation Program took place as a member of the jury, from the links below.

<https://www.instagram.com/p/CaCWFeLsSS0/>

<https://www.instagram.com/p/CaE4EPeMb2C/>



Our free Vertical Transfer Examination (VTE) course for the 2021-22 Academic Year has started as of Wednesday, February 16th. In the course given by Lecturer Murat TAŞ, subjects related to VTE, especially basic mathematics and geometry, are covered. Our VTE course, which can be followed by distance education, has enrolled 84 regular education and 130 second-year students from 34 different programs of Istanbul Gelişim Vocational School. The subjects covered in our VTE course, which takes place on Wednesdays between 15:00 and 16:30 for daytime education students and between 17:00 and 18:30 for evening education students, are as follows:



2022 VTE MATHEMATICS TOPICS

Basic Concepts (Numbers)	Age Problems
Rational Numbers and Decimals	Percentage Problems
Number Systems and Digit Concept	Profit and Loss Problems
Prime Factors and Perfect Divisors	Interest Problems
Division and Divisibility Rules	Mixing Problems
factorial	Speed Motion Problems
Obeb (Ebob) and Okek (Ekok)	Worker and Pool Problems
Base Arithmetic	clusters
Equation Solving	Functions
Simple Inequalities and Ordering	Process
Absolute value	Modular Arithmetic
Exponential numbers	Permutation
Square Root Numbers	Combination
Factorization and Identities	Possibility
Ratio Proportion	Numerical Logic
Number Problems	
Fraction Problems	
Page Problems	
Clock Problems	

2022 VTE GEOMETRY TOPICS

Geometric Concepts and Straight Angles
Polygons and Quadrilaterals
Circle and Circle
Analytical geometry
Solids

AGENDA of PERSONNEL

The Lecturer, (Mrs.) Kübra SAĞLAM, was appointed as the Head of the Program, as of February 08, 2022, for the Food Technology Program of the Istanbul Gelisim Vocational School of our University.

Masthead



COORDINATOR

Lect. Görkem Gülay DOĞAN ATICI

TRANSLATION COORDINATOR

Lect. Duygu ÇELİK
Lect. Ahmet Burak TURGUT

GRAPHIC DESIGNER

Lect. Furkan GÖZELCE

SOCIAL MEDIA SPECIALIST

Lect. Hatice SARIYAR

ADDRESS

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

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.



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