

IGVS
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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 august 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.

BEING a STUDENT in IGVS

Importance and Content of Technical Personnel Qualification Exam in Insurance

Insurance is a contract in which the insurance company insures the insured against various risks in return for the premium paid by the insured.

Before the first insurance contract in the modern sense, it is seen that the practices similar to insurance date back to the Babylonians, about 4000 years ago. The content of the first application, which was legalized by the Code of Hammurabi, is the bilateral agreements between the merchants and the capitalists, whose caravans may be damaged.

In parallel with the increasing importance of maritime trade, premium-based insurance began to appear in Italian port cities in the 1250s AD. The contract drawn up on October 23, 1347 for the ship 'Santa Clara', sailing from the Port of Genoa in Italy to the island of Majorca in Spain, is considered the first insurance policy in history.

Insurance activities and awareness, which started to develop with the Imperial Edict of Reorganization in our country, started to be needed due to the heavy damages caused by the fires that occurred at that time. As a result of these events, insurance activities officially started in the Ottoman Empire when three British insurance companies opened agencies in 1872, and In 1893, the first domestic insurance company, Ottoman Public Insurance, was established.

As of 2020, there are 63 companies in our country, 60 of them are insurance companies and 3 of them are reinsurance companies. 6 of the companies are insurance companies operating in life branch, 15 of them in life/pension branch and 39



of them in non-life branches. In our country, there are approximately 9900 legal person agents and 6745 real person agents registered in the plate of the Union of Chambers and Commodity Exchanges of Turkey, which are the agents of these insurance companies.

For the insurance services of the personnel working in insurance companies or insurance companies' agencies; it is obligatory to take the Technical Personnel Qualification Exam, which is required to carry out information, marketing and policy sales transactions, and get a valid grade.

The Technical Personnel Qualification Exam is organized by the Insurance Training Center, which is a legal entity under the Association of Insurance and Reinsurance Companies of Turkey. The Technical Personnel Qualification Certificate obtained at the end of the exam is expressed as the SEGEM certificate, which is the abbreviated pronunciation of the Insurance Training Center.

Technical personnel, who do not have a Technical Personnel Qualification Certificate, and



who will be authorized to inform, market and sell insurance services in agencies (including banks and institutions/organizations established by special law and authorized to act as insurance agency), real person agents and agencies, legal entity agency managers and directors or even those who do not hold this title, who will actually fulfill this duty, must attend the Technical Personnel Qualification Exam held by the Insurance Training Center.



It is also possible for people who do not meet these conditions but want to get the Technical Personnel Competence Certificate by taking the exam (those who do not work anywhere, university students, call center employees, etc.) can apply for the relevant exam.

While the insurance sector has shown a serious upward trend in Turkey in recent years, the fact that the insurance profession is included in the favorite professions of the future in many evaluations makes the importance of this exam more attractive.

In the exam, which is held at least 4-5 times a year, 50 multiple-choice questions are asked and candidates who score at least 60 out of 100 are considered successful.

Resources

<https://www.sigortam.net/sigorta>

<https://www.halkbank.com.tr/content/halkbank/tr/blog/finans/sigortaciligini-tarihi.html>

<https://www.hmb.gov.tr/sigorta-sirketleri>

<https://www.bankaciyim.net/haber/36303/10-soruda-segem-belgesi.html>

<https://www.segem.org.tr/default.asp>

Topics related to the questions to be asked in the exam;

- Introduction to Insurance
- Functions of Insurance
- Insurance Contract and Parties of Insurance
- The Concept of Insurability
- Basic Principles of Insurance
- Basic Reinsurance Information
- Agencies in Insurance Law No. 5684
- Insurance Agencies Regulation
- Circular on the Implementation of the Insurance Agencies Regulation
- Secondary Regulations Regarding Agencies
- Provisions of the Turkish Commercial Code No. 6102 on Agencies (Book One, Chapter Seven, Articles 102-123)
- Rights and Obligations of Agencies
- Insurance Practices in Turkey
- Place of Agents in the System
- Insurance Pricing and Banking Applications
- Damage
- Technical Terms Related to Insurance
- Regulation on the Activities to be Evaluated within the Scope of Insurance, Insurance Contracts Made in Favor of the Consumer and Insurance Contracts Concluded at a Distance
- It has been determined as the Regulation on Information in Insurance Contracts.

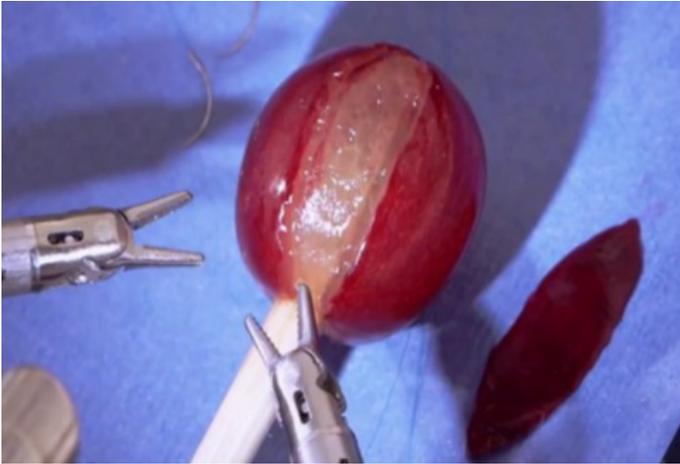
Candidates who have completed the exam application can both access the exam questions from SEGEM through the e-learning portal on the system and prepare for the exam by participating in the necessary trainings. Moreover, it is possible to access these trainings 24 hours a day, every day of the week, via the SEGEM Academy page.

Lect. Serdar ORHAN
Department of Finance, Banking and Insurance



New Generation Medical Technologies

Day by day, robotic technologies have an increasing demand for purposes such as production, control and improvement. These technologies attract a lot of attention especially in the industrial field with their perfection in production, controllability, high efficiency and ability to produce products of the same standard in high lots. Robots produced for surgical procedures in the health field with their high sensitivity and controllability features have started to take place in operating rooms. The most well-known of these robots is the daVinci surgical robot. Studies are continuing to develop and add different features to this robot, which can perform fast stitching with less blood loss, less chance of infection,



Source: da Vinci ameliyatı/YouTube

Another medical robot technology is bionic prostheses. In prostheses developed to replace any limb, the desired movement output can be obtained as a result of the operation of sensors which in a manner similar to the way the human limb works, a set of controllers designed to transform electrical signal transmission into the desired movement in the actuator, and the implants used in neurotransmission placed on the skin.

Exoskeletons designed to allow paralyzed people to walk again can also be useful for rehabilitation after a brain or spinal cord injury by providing needed assistance in weakened muscles to perform movements and begin to heal the damage. Most exoskeletons work with a combination of preset movements, but with advances in neural interfaces, the use of a directly mind-controlled exoskeleton is among the possibilities in the near future.



Source: Rewalk Robotics

If we want to consider another quite different and innovative technology, capsule endoscopy robots make endoscopy, which is an uncomfortable and delicate procedure, much more comfortable. All that needs to be done is swallowing the

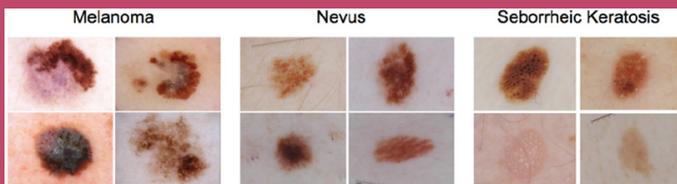


robot. In this way, data about the patient can be collected thanks to the camera images in the capsule and a quick diagnosis can be offered. If we go to even smaller sizes in biomedical technologies, microscopic mechanical particles are used in cases where the drug needs to act locally in any target area of the body. When it is expected to directly reach the tumor and protect healthy cells in radiation therapy, micro-robots that can offer a solution to this problem can be transmitted to a certain point in the blood vessels by using magnetism.



Sources: Canadian Society of Intestinal Research,
Advanced Healthcare Materials

With the development of necessary computer hardware, the usage areas of digital signal processing techniques have also expanded. With the use of artificial intelligence techniques and digital image processing process, disease diagnosis in medical images from a data set has become possible with machine learning techniques. From MR and X-ray images and dermatological images, the diagnosis of the lesion status and even the diagnosis of the disease type can be predicted. Intensive studies on techniques are still continuing in order to make the processes more precise.



Source: School of Engineering, University of Gelf

Developing medical technologies play a major role in the diagnosis and treatment of diseases, as well as making life or the treatment process more comfortable for people. While many improvements have already been made from the past to the present, the possibilities to be provided in the future are a matter of both research and curiosity.

Lect. Ezgi KESTEK
Electronics and Automation Department



CLUBS TALK

Liberty and Justice Club

Members of the Liberty and Justice Club “Makes being human superior to all other elements, regardless of language, religion, race.”



Liberty and Justice Club members will be included in a community where they can express themselves, present their ideas, put forward their thoughts and find the opportunity to develop themselves, as well as their school life. Our club will try to bring perspective to individuals with an understanding that considers law, equality, ethical approach, rational analysis and fairness. As club members, we will also carry out activities that bring social segments together through various activities including unity, solidarity and social assistance activities. Members of the Liberty and Justice Club will aim to direct the person on conscience and fairness and will work towards this.

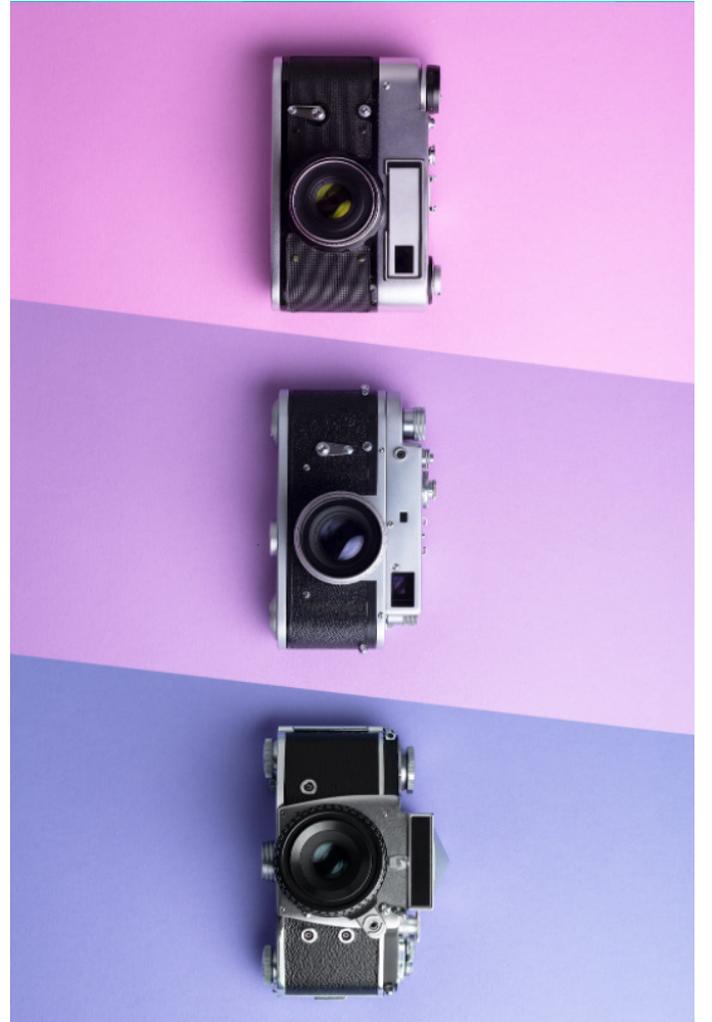
- During the year,
- Touristic itineraries,
- Talk shows,
- Book campaigns,
- Salon programs,
- Interview programs with legal experts,
- Seminars and interviews on the agenda,
- Courthouse and law office tours,
- Visits to child welfare institutions,
- Nursing home visits,

We aim to learn new information in the field of law, which will benefit humanity in the social sense and contribute to the personality development of students with activities such as.

Photo and Video Club

Our club,keeping in mind the technological advances; It was established to provide students with experience in the field of photography and video shooting, to make applications and to share the work done with both our university and our external stakeholders. The photography and video clubs, which organize many events with the guests of the sector employees, also ensure that the students have an idea about the sector with the experiences conveyed by the guests. The fields of activity of the club are as follows:

- To organize photo exhibitions.
- To make photography workshops.
- To invite photographers to school and to organize conversations / events.
- Conversations and workshops with professionals working in the field of cinema.
- Publishing a digital or printed newspaper in which our school's news will be published.
- Participating in cinema festivals.
- Making movie screenings and film analysis at school.
- To organize trips to photography exhibitions in Istanbul.
- To organize cinema and video workshops.
- To organize journalism workshops.
- To organize events for print media.
- To open a booth for the development of the club and to increase the number of members.



NEWS from IGVS

Istanbul Gelisim Vocational School Architectural Decorative Arts Program Lecturer Ömer Faruk SÖYLER, with his thesis titled “Animal Figurative Forms and Their Interpretations in a Mud Turning in Anatolia from Past to Present”, written under the supervision of Professor İsmail YARDIMCI at the Ceramics Department of Uşak University Graduate Education Institute, successfully completed his master’s thesis defense on 6th July 2021. As IG-MYO Family, we congratulate our teacher and wish him continued success.



Istanbul Gelisim Vocational School, Air Logistics Program Lecturer Atilla AYDIN’s article titled “Reflection of British Imperialism in the Ottoman Empire: Baltalimani Trade Agreement” was published in the August issue of the Journal of Awareness. Access link is below.

<https://journals.gen.tr/joa>



The article titled “Examination of the Use of Locally Sourced Stone in the Scope of Sustainable Materials through Examples” studied by Lect. Rabia Sevda DEMİRKOL, Lect. Hülya ALGUR MARŞOĞLU and Lect. Gözde İLERİ from the Interior Design Program of Istanbul Gelisim Vocational School, has been published in Atlas Journal. Link is below.

https://www.atlasjournal.net/Makaleler/1584693626_1%20ID%20707.pdf



“Bionic Robot Hand” Project is at TE-KNOFEST Final

Aviation, Space and Technology Festival TE-KNOFEST Technology for the Benefit of Humanity Competition finalists have been announced. The team called Parzival Robotics got to the finals with the “Bionic Robot Hand” project. Electrical and Electronics Engineer Asst. Prof. Ekrem Süzen, who was the mentor of the project team, made statements about the project.

Istanbul Gelisim University Electrical and Electronics Engineer Asst. Prof. Ekrem Süzen, who started his words by saying, “This project is a robot hand project with different control types from the robot hands today,” said, “Firstly, we have 3 control

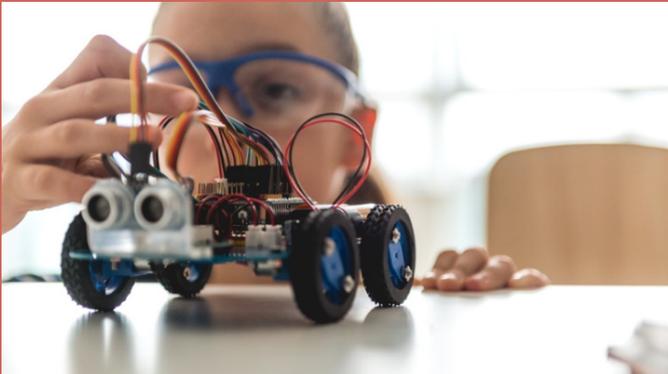
types as Flex Sensor, Muscle signals (EMG) and finally brain waves (EEG). The most important area where we can use this Project will be people who have lost their limbs. First, the proper control type can be used by determining and making final adjustments which control is the best for the person who has lost his/her arm. By making some more improvements, it can be used in places where physical strength is high, for example, on the feet, legs, back. Thus, transactions will be carried out in a healthier, more reliable and high performance manner.”

Emphasizing that they have two goals with the project, Süzen said, “One of them is to have a better life for people who lost any of their limbs from an accident or from birth. Another aim of ours is to bring forward the control forms that are not

used much nowadays. Currently, there are very few, almost none, projects that we can control just by thinking. Muscle control is a very rarely used control method. We decided to implement this project because we aim to use these control methods more.”

IGVS Food Technology Program Lecturer Kübra SAĞLAM took part as a speaker in the panel titled “Let’s Get to Know Food Engineering in the YKS Preference Process” organized by the Association of Food Engineers on Friday, 13.08.2021. Lecturer Kübra SAĞLAM gave information about the education of the Department of Food Engineering, which can be passed with the External Transfer Exam from the Food Technology Program. The link to the publication, in which the education of the Food Engineering department, which is an important professional group in Reliable Food Production, the opportunities to work in public institutions and the private sector, and the opportunities to work abroad is explained in detail, is below.

https://www.youtube.com/watch?v=0-0aU1mjd4O0&ab_channel=G%C4%B-1daM%C3%BChendisleriDerne%C4%9Fi



IGVS, Radio and Television Programming Program Lecturer İbrahim Tarkan DOĞAN was selected and served as the preliminary jury in the 15th Crossroads International ‘Social Gender Inequality’ Short Film Competition.



IGVS, Food Technology Program Instructor Kübra SAĞLAM acted as moderator in the “Student Microphone” program organized by Istanbul Gelisim University on 08.08.2021. Istanbul Gelisim Vocational School student Elif YILMAZ and Engineering-Architecture Faculty student Encan ÇETİNTÜRK participated in the student microphone program as guest students. With the announcement of the YKS exam results, our university students were asked about the topics that candidate students frequently wondered about. Explaining the possibilities of associate degree programs, Elif YILMAZ talked

about the preference consultancy service of our university, the location, our laboratories, and the free Double Major and DGS (external transfer exam) course; Encan ÇETİNTÜRK, an undergraduate student, talked about the English preparatory education he received and the proficiency of this education, the possibility of Erasmus, and our master’s and doctoral programs. The link to the repetition of this publication, which may be effective in making the right choice for our prospective students, is below.



<https://www.youtube.com/watch?v=6NFGsKHMB8I&t=18s>

Masthead



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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.



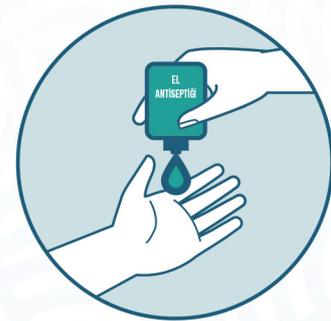
IT SHOULD BE STAYED AWAY FROM CROWDED ENVIRONMENTS.



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