



**Istanbul Gelisim
Vocational School**



IGVS

Monthly E-Bulletin

August

2023

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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.

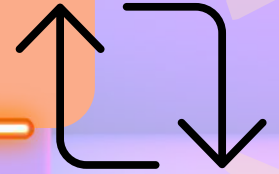
You can follow all the developments in our Vocational School on our social media channels.

***Director of IGVS
Assoc. Prof. Lokman KANTAR***

Facebook:
igumyo



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

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

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



Rated in 6 different categories categories

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

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

"We attach importance to sustainability studies in every field"

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



SCImago University Rankings 2023 Results



SCIMAGO
INSTITUTIONS
RANKINGS

SCImago University Rankings has published its 2023 report, which ranks the research, innovation and social impacts of world universities according to percentiles. SCImago University Rankings is a ranking system that measures the social and scientific impact and innovation of universities around the world.

SCImago University Rankings aims to give a general idea about universities by measuring their performance in terms of research, innovation and social impact. The report published after the research can help students, academicians, researchers and other interested parties evaluate universities.

For students, this ranking helps them learn about the quality, effectiveness and prestige of a university in international education. For academic staff and researchers, this ranking provides information on the research activities and effects of universities in different disciplines.

The research performance of SCImago Turkey University Ranking of Istanbul Gelisim University, where multidisciplinary studies are intense, draws attention. According to the evaluation of SCOPUS research output data; Istanbul Gelisim University ranked 2nd in Law, 5th in Civil Engineering, 7th in Industrial Engineering, 32nd in Psychology, 9th in Engineering, 3rd in Environmental Science and 7th in Business Administration among the universities in Turkey.

SCImago University Ranking is very significant for measuring and evaluating the performance of universities, particularly in developing countries. This ranking increases the international recognition of universities in these countries. This ranking offers a more comprehensive perspective when measuring the performance of universities, focusing not only on research impact but also on social impact and sustainability.

SCImago Institutions Rankings

Area	World	Middle East	OECD	Turkey
Environmental Science	630	20	352	3
Business, Management and Accounting	1096	45	759	7
Engineering	1363	45	901	9
Civil and Structural Engineering	575	22	358	5
Industrial and Manufacturing Engineering	928	41	541	7
Economics, Econometrics and Finance	1592	97	979	26
Energy	1967	146	1117	27
Computer Science	2489	164	1516	29
Social Sciences				
Law	774	22	623	2
Sociology and Political Science	1355	42	1044	12
Geography, Planning and Development	1424	81	908	16

When the data of Istanbul Gelisim University in the Evolution of the Institute are analyzed, it is seen that the investment made by the university in scientific research has increased in recent years and the quality of its scientific output has increased as well. This is very crucial in terms of increasing the academic impact and social benefit of the university. Moreover, the increase in innovation capacity and the increase in interaction with the society are among the other factors that demonstrate the success of the university.



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

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

Research.com, one of the world's most significant online academic portals for scientists, has announced its "Best Scientists" list. In the list, which is prepared on the basis of studies created by scientists in their own fields, the criteria of the list are created by taking into consideration the awards received by the researchers, academic publications and the number of citations, as well as based on the D-Index data. According to the ranking, 3 academicians of Istanbul Gelisim University, which progressed with the vision of "Research University", were included in the "Best Scientists" list.

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

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

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

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

Research.com

**ACADEMICIANS FROM IGU
ARE ON THE LIST OF THE
WORLD'S AND COUNTRIES' 'BEST SCIENTISTS'!**

SCIENTIST	SCIENCE FIELD	NUMBER OF SCIENTIST FROM TÜRKİYE	TÜRKİYE RANKING	WORLD RANKING
PROF. DR. BAHRI ŞAHİN	ENGINEERING AND TECHNOLOGY	47	17	4020
PROF. DR. KEMAL SİTİ TÜRKER	ECONOMICS AND FINANCE	6	4	5870
DR. OĞUL ÜYESİ FESTUS VICTOR BERLIN	NEUROSCIENCE	1	1	1183

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

"I am confident that Istanbul Gelisim University, which continues to progress with the vision of Research University, will achieve greater success"

IGU Rector Prof. Dr. Bahri Şahin made a statement about the success achieved in the ranking, in which scientists are evaluated only for the studies they have conducted in their fields. "I would like to congratulate our esteemed academicians who successfully represent our university and our country in the "Best Scientists" list published by Research.com. We are proud of this result through academic publications, awards and citations made on a global scale. I am confident that Istanbul Gelisim University, which continues to progress with the vision of Research University, will achieve greater success in the future as well."

Click below for the lists;

Engineering and Technology : <https://research.com/scientists-rankings/engineering-and-technology/tr>

Neuroscience : <https://research.com/scientists-rankings/neuroscience/tr>

Economy and Finance : <https://research.com/scientists-rankings/economics-and-finance/tr>



IGU's Great Success in TUBITAK 2023 Competency Map Report

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

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

We thank all academic staff who contributed.

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

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

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





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.



igü
KARYON
Kariyer Yönlendirme
Uygulama ve Araştırma Merkezi



igü
MMK
Mezunlar ve Mensuplar
Kordinatörlüğü

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.

Detaylı bilgi ve
Başvuru için



metsis.gelisim.edu.tr

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.





AKADEMİSYENLERİMİZ YAZIYOR...

How are Vegans Saving the World?



Lect. Zeynep TURHAN
Culinary Program



Veganism is a philosophy and way of life that refrains from all forms of exploitation and cruelty to which animals are subjected for food, clothing or other purposes, and in addition supports the development and use of alternative animal-free consumer products for the benefit of people, animals and the environment.

Animal Rights

Today, animals have been genetically selected to produce more milk, meat, eggs and offspring faster and cheaper. The livestock sector, which does all this by confining animals in as narrow areas as possible, creates very negative and bad conditions for animals.



Climate and Environment

It is known that the human population has doubled and meat consumption has increased at least four times since the 1960s. This trend continues to cause global warming, widespread environmental pollution, deforestation, land degradation and loss, water scarcity and species extinction. This means more feed/crop is used to feed more animals.

According to the Proveg International report released in July 2020, 70% of available freshwater resources and 50% of habitable land are used for feed growing and animal production, while more than 80% of the world's agricultural land is used for meat, egg and milk production.



According to researches;

- A vegan diet, which does not include animals and animal output and ingredients, can reduce the total global greenhouse gas emissions in all sectors by 28%. At the same time, when meat and dairy products are not consumed, the use of global agricultural lands will be reduced by 75%, and enough products to feed the world will be provided. (This corresponds to an area equal to the combined area of the USA, China, Australia and EU countries.)
- In the case of reducing animal products with the highest carbon footprint by 50%, global greenhouse gas emissions can be reduced by 20%.



Sustainability

The world has lost about 70% of its natural wetlands in the last century. Currently, 1 in 3 people worldwide does not have access to safe drinking water (UNICEF & World Health Organization). More and more countries are experiencing water stress, and increasing drought and desertification are exacerbating these trends. It is estimated that at least 1 in 4 people will experience water scarcity by 2050 (United Nations Development Program - UNDP).

However, with more than 83 billion animals raised and killed worldwide each year for the food industry, industrial livestock farming is one of the biggest contributors to the depletion of water resources. On the other hand, an average of 15.3 tons of clean water is used for every 1 kg of meat (waterfootprint.org).



Health

- Herbal nutrition is very rich in terms of potassium, fiber, antioxidants, magnesium, folic acid, vitamins A, C, and E.
- Vegans have a much lower risk of developing type 2 diabetes.
- Vegans have a lower risk of getting some types of cancer (colorectal, breast, prostate, lung) or dying from cancer (15%).
- Processed and high-temperature cooked meats are thought to be associated with colon, bladder, and postmenopausal breast cancers.

Every day you go vegan, you save:

- 1 live,
- 9 kg of CO₂,
- 2787 m² of forest land,
- 4845 liters of clean water, and
- 21 kg of grain.

Based on all these, vegan nutrition should be preferred to reduce our impact on the Earth.

Reference:

<https://tvd.org.tr/>



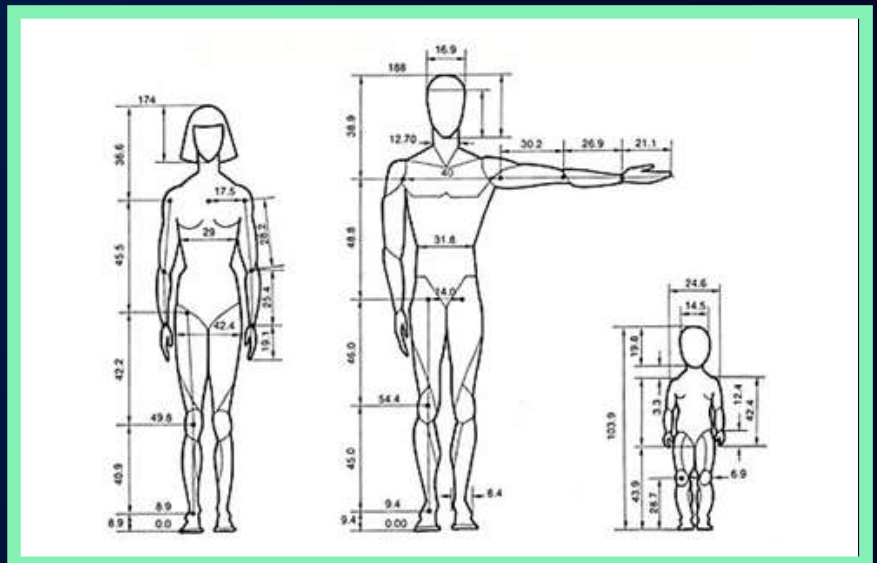
OHS & ERGONOMICS & ANTHROPOMETRY



Assist. Prof. Kaan KOÇALI
Occupational Health and Safety Program

With the changes in working life, the working environment, methods and forms are also changing. This situation causes the scope of occupational health and safety studies to expand day by day, and therefore, it is necessary to integrate different disciplines into this work area. From this point of view, it can be said that one of the fields needed is the Science of Ergonomics. Ergonomics; It helps the production of the working environment, workplaces, machinery and equipment used in accordance with the physical and psychological limits of the human being. In this way, both the health and safety of the employees and the efficiency of the production can be ensured. Ergonomics makes use of anthropometric data while ensuring the harmony of human and work. The data obtained from the science of anthropometry, which is the science of determining and using human body measurements by technical means, forms the basis of ergonomics. Among the anthropometric data, the maximum value points that the employee's body can take while standing and sitting, such as height, weight, muscle-fat ratio in their body, arm and leg length, shoulder and hip width, hand-arm length are measured. With these data obtained, an average value is found and the human body proportions of that society can basically be determined.

Acting with the motto of “You cannot change the nature of a person. By arranging the workplace according to the nature of the person, you can make him/her work comfortably.” Ergonomics contains the most basic principles such as reducing accidents and errors by investigating all occupational risks in workplace conditions within the framework of occupational health and safety, and protecting the health and safety of workers afterwards.

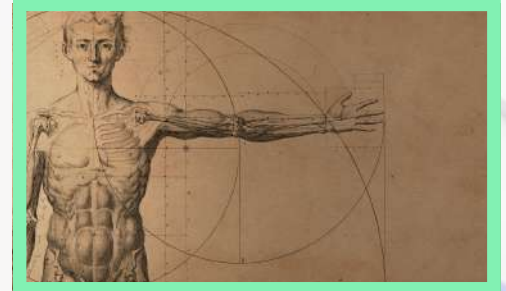
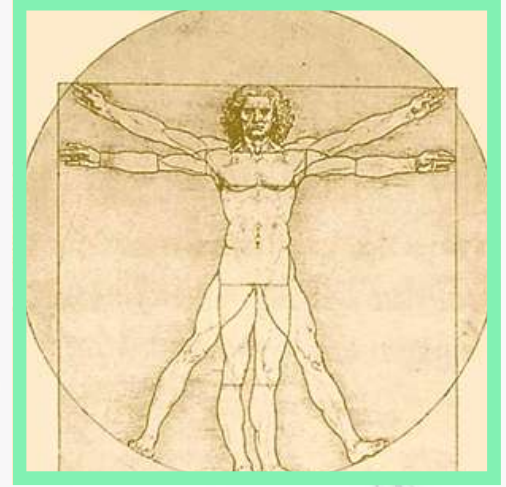


In the ergonomics studies carried out in our society in 1981 and 2006, a scientific common language could not be obtained by comparing the anthropometric data with each other, and it is not possible to use the social data in a healthy way since the study carried out in 1981 did not even include female measurements. Considering the anthropometric researches; It is known that the number and scope of research is very insufficient, there are differences in the methods applied, the evaluation, and the standard and reference values used in anthropometric measurement data.

Our anthropometric data vary by nation, origin, region, age, gender, diet, health, and even social status. For example, in general, males are about 13 centimeters taller than females. While the height of men is 173 centimeters in Germany, 172 centimeters in Switzerland, it is 168 centimeters in Turkey and 152 centimeters in the Far East. As can be seen, although body measurements vary primarily according to structural and genetic differences, another most important factor is nutritional habits. For example, in the ergonomic studies conducted in Japan for the last 20 years, it has been observed that the changing eating habits have increased the average height of the population by 2 centimeters. In short, the science of anthropometry is concerned with the evaluation and knowledge of body measurements in order to determine the similarities and differences between individuals and the groups they live in.

Today, developed countries carry out many scientific studies in order to determine the working environment (workplace, office, table, chair, etc.) and to establish certain standards. Anthropometric studies conducted in our country should be compiled, the changes in various measures over time should be examined, and even with the acquisition of new data and sufficient information, it should be possible to predict how the body structure of the Turkish society will change in the future, and it should be a guide for future ergonomic or anthropometric studies.

With the Occupational Health and Safety Law No. 6331, which entered into force on 20/6/2012, foundation/public university employees in our country are also included in this scope. Thus, the activities aimed at ensuring the safety and health conditions of all employees working in foundation/public universities gained momentum. Considering the fact that most of the employees work in offices, rooms, classrooms or workshops, it is of great importance to provide solutions not only for occupational health and safety but also for ergonomics and anthropometry by taking precautions throughout the university.





It is a student club established within the body of Istanbul Gelişim University Health, Culture and Sports Department (CSD). Club consultancy is carried out by Lect.Sultan ÇETİNKAYA, Head of Fashion Design Program at Istanbul Gelişim University, Istanbul Gelisim Vocational School. The aim of our club is to enable students to participate in scientific, cultural, social, artistic and sports activities, to enable them to develop their personal potential to the extent of their knowledge, abilities and interests, as well as to support the personal development of students. In addition, it is to enable them to make use of their spare time, to raise awareness of society, to increase awareness in some areas and to contribute to their academic development.

Although our club was founded by Istanbul Gelisim Vocational School Fashion Design students, it is open to all university students. The activities of our club are as follows:

- Social events and volunteering services,
- Workshops in scientific and artistic fields,
- Technical trips such as art and fashion museums, galleries, exhibitions,
- Activities on cinema and theater costume designs.



OUR EVENTS

The 2023 Project Exhibition, organized annually by the Department of Computer Technologies, was held on June 9. The event, where the projects of our students studying in Computer Programming, Computer Technology, Information Security Technology, Web Design and Coding and Computer Aided Design and Animation Programs in the Department of Computer Technologies were exhibited, was held with great interest. We congratulate our professors and students.



Graduates of the Department of Computer Technologies met on June 9th this year. Department of Computer Technologies 2023 Alumni Meeting was held with the participation of our alumni coordinatorship. Our graduates shared their experiences with our students through alumni talks. We congratulate our teachers who contributed.

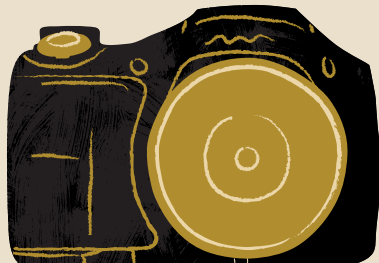
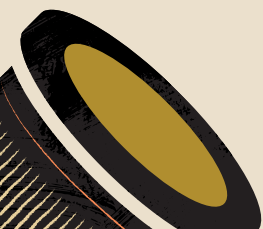
NEWS FROM IGVS



The article titled "The Effect of Capital Ownership and the Spread of Ownership to the Base on Economic Income Distribution", written by, Foreign Trade Department, Lect. Dr. Esat Daşdemir with Prof. Dr. Halil Tunalı, was published in the Journal of Istanbul Economics (ESCI). The study examined the effect of investing in capital instruments traded in Borsa Istanbul on income and wealth distribution. Accordingly, it has been concluded that investing between capitals will equalize the income distribution. Within the scope of the study, the relationship between income and wealth distribution has also been explained. You can use the link below to access the entire study. [Click](http://dx.doi.org/10.26650/ISTJEC ON2022-1058516) to see the full article.
DOI:<http://dx.doi.org/10.26650/ISTJEC ON2022-1058516>

The article titled "The Effects of Daylight Saving Time (DST) Transition Cancellation on Work Accidents of Turkey" by Kaan KOÇALI, a doctoral faculty member in the Occupational Health and Safety Program, has been published. The article was published in the SCI and SSCI indexed journal called "International Journal of Occupational Safety and Ergonomics (JOSE)" published by Taylor&Francis publishing house.
DOI:<https://doi.org/10.1080/10803548.2023.2221590>

Lect. Meltem İŞLER SEVİNDİ, Head of Marketing and Advertising Department, graduated on 19.06.2023 with her doctoral thesis at Istanbul University - Institute of Social Sciences, Department of Radio Television and Cinema and was awarded the title of Dr. As IGVS family, we congratulate our teacher and wish her continued success.

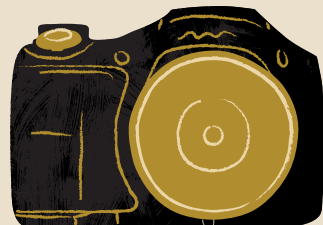


The international study titled "Thermophotovoltaic System Setup and Analysis with Using Gallium Antimonide (GaSb) Cell in High Temperature" by Kaan KOÇALI, a doctoral faculty member at Occupational Health and Safety Program, and Büşra Selenay ÖNAL, a research assistant at Istanbul Aydın University, Faculty of Engineering, Department of Mechanical Engineering was published as a chapter in the book titled "Multidisciplinary Insights: Geothermal Wells, Presevation, Engineering, and Chemical Processes". [Click](#) to access.

Lect. Elçin YAKUPOĞLU from Civil Aviation Cabin Services Program defended her doctoral dissertation entitled "The Effect of Job Satisfaction and Motivation Elements on Organizational Commitment and Turnover Intention, A Research on Airline Employees", written under the supervision of Assist. Prof. Dr. Canan TİFTİK from Istanbul Gelisim University, Institute of Social Sciences, Department of Business Administration on 12.06.2023 and was awarded the title of Dr. As the IGVS family, we congratulate our teacher and wish her continued success.

The article titled as "Change of Occupational Health and Safety (OHS), University Students' Perceptions on OHS in Parallel to Vocational Training: The Comparative Analysis", written by Occupational Health and Safety Program Faculty Member PhD Güfte CANER AKIN and Faculty Member PhD Derya ÇEVİK TAŞDEMİR was published in the Journal of University Studies. [Click](#) to access the article.

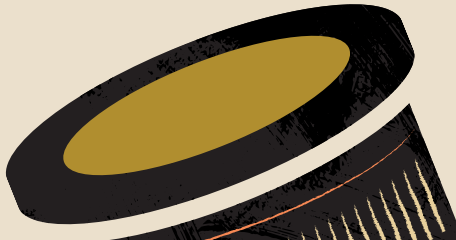
The article titled "Examination of The Impact of Exchange Rate and Petroleum Prices On Inflation with The VECM Model: The Case of Turkey" by Assist. Prof. Dr. Duygu ÇELİK from the Banking and Insurance program was published in the Journal of BILTURK Economics and Related Studies. The link to the article is below. [Click](#) to access the article.



The article titled as "The Empirical Look at the Relationship Between Work-Life Balance-Safety from Maslow's Hierarchy of Needs Theory", written by Occupational Health and Safety Program Faculty Member PhD Güfte CANER AKIN and Faculty Member PhD Derya ÇEVİK TAŞDEMİR was published in Turkish Journal of Social Studies. [Click](#) to access the article.

1-03.08.2023 Within the scope of TUSEB-2023 Group B R&D Projects of the Presidency of Turkish Institutes of Health, a team was formed from our university and a "Magnetic Compression Stocking" project application was made. There are 8 academic members and 1 graduate student of our university within the project for which the application has been made.

From the IGU School of Health Sciences, Dr. Gülşah KONAKOĞLU is the Project Coordinator. In the study group, Prof.Dr. Rifat MUTUŞ and Prof.Dr. Ali Rıza CENAL from IGU Vocational School of Health, Dr. Kenan ŞENTÜRK from IGU MMF Mechatronics Department, Lecturer Ali ÇETİNKAYA from IGU Vocational School of Electronics Technology, Lecturer Tuğba SARAY ÇETİNKAYA, Lecturer Çisem YAŞAR and Lecturer Adnan Kürşat TEKE from IGU Vocational School of Computer Technologies, and Görkem ACAR, a graduate of IGU Physiotherapy. The project will add value to both us and the research infrastructure of our university with its machinery and equipment.



The article titled "Anthropometric Analysis of Cabin Crew Selection Criteria Based on A380 Aircraft Model" prepared by Kaan KOÇALI, Faculty Member PhD of Occupational Health and Safety Program at Istanbul Gelisim Vocational School and Seçil Ulufer Kansoy, Faculty Member PhD of Aviation Management at Kırklareli University Lüleburgaz Faculty of Aviation and Space Sciences, was published in Ergonomics Journal with "TR Dizin" index.
DOI: <https://doi.org/10.33439/ergonomi.1296025>

Within the scope of the studies carried out between GTU Marmara Application and Research Center for Disaster Resilient Structures (MARTEST) and Japan International Cooperation Agency (JICA) for the Establishment of Research and Education Complex for Developing Disaster Resilient Societies Project, research was carried out in Kahramanmaraş earthquake zone on August 17-18-19, 2023. In the research aiming to reveal the behavior of people during and after the earthquake, earthquake victims were interviewed and container cities in the region were examined.





Lecturer Sena TAŞ organized an extracurricular "Analytical Thinking and Problem Solving" activity with our volunteer students during the summer semester. In the event, which was held online, "earthquake" was discussed as the main problem. The event brought together students from different departments and classes who did not know each other. Many of them had voluntarily participated in relief activities in or outside the region during the February 6 earthquake and had observed the problems themselves. The fact that they had experienced the problem themselves increased the determination of each of them throughout the study. At the end of the study, it was decided to projectize the solutions found for 4 different problems. With the incentive offered by our university, a patent application was made under the supervision of Lecturer Sena TAŞ.

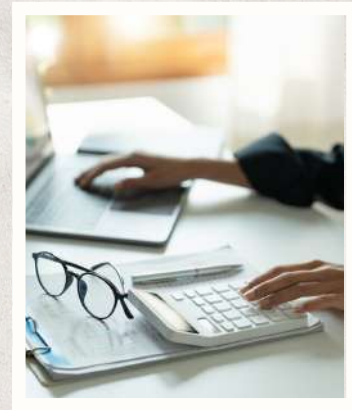
- **Gürkan Güneş (IGVS, Electronics Technology Program), Görkem Aydın (IGVS, Electronics Technology Program), Ertuğrul Hamdi Telli (IGVS, Electronics Technology Program) and Emre Öztürk (IGVS, Electronics Technology Program)** planned a gamified earthquake awareness simulation in Virtual Reality technology that can provide earthquake awareness different from traditional methods. A patent application was filed to obtain the intellectual property rights of this idea.
 - **Application Number:** 2023/009054
 - **Invention Title:** Earthquake Awareness Simulation with Virtual Reality
- **Samet Boylu (IGVS, Electronics Technology Program), Ali Yumru (IGVS, Electronics Technology Program), Diren Berke Navruz (IGVS, Electronics Technology Program) and Muhammed Mustafa Tekin (IGVS, Electronics Technology Program)** focused on the idea of an Automatic Guided Vehicle to minimize the use of manpower during the loading of earthquake aid on trucks. A patent application was filed for the resulting idea.
 - **Application Number:** 2023/009046
 - **Invention Title:** Low Cost High Performance Automated Guided Vehicle
- **Özlem Arslan (IGVS, Electrical Program), Berkan Muğlu (IGVS, Electrical Program), Ömer Faruk Ergül (IGVS, Electronics Technology Program) and Erdem Yılmaz Bayoğlu (IGVS, Electronics Technology Program)** worked on an idea to increase the efficiency of solar panels placed to provide energy in the post-earthquake region. A patent application was filed for this work.
 - **Application Number:** 2023/009040
 - **Invention Title:** Sun Tracking Panel Providing Protection Against External Factors
- **Ahmet Kerem Kutlu (FEA, Mechatronics Engineering), Ömer Faruk Öztürk (IGVS, Electronics Technology Program), İsmail Odabaşı (IGVS, Electronics Technology Program) and Muhammed Musullu (IGVS, Electronics Technology Program)** conducted research on prosthetic fingers in order to eliminate the loss of limbs after the earthquake with domestic and national means. A patent application was made for the ownership of the resulting idea.
 - **Application Number:** 2023/009048
 - **Invention Title:** Lightweight and Convenient Prosthetic Finger



AGENDA OF PERSONNEL



Assoc. Prof. Lokman KANTAR has been appointed as the "Director" of the Development Vocational School Directorate.



Alya GONULTAS started to work as "Secretary" at Istanbul Gelisim Vocational School as of 18.07.2023.



Istanbul Gelisim
Vocational School

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