

IGVS
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Volume 1 / Issue 10



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 october 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.

Happy 29 October Republic Day, the symbol of our independence, which we have celebrated with pride and enthusiasm for 98 years! We commemorate Saint Atatürk and all the founders of our Republic with respect and gratitude.



BEING a STUDENT in IGVS

Chip Crisis and Production Problem in Automotive Industry

The chip crisis, which we have heard frequently in recent days, has adversely affected the sectors working with electronic systems, especially the automotive sector. The chip can be briefly defined as electronic circuit elements designed for semiconductor materials, which are placed on metal sheets, usually containing silicon material in their structure. Today, with the increase in demand for electronic products, the inability to meet the supply-demand balance is the main reason for this problem. In addition, the negative effects of the pandemic that started in 2020 brought the production of companies to the brink of disruption or even stopping. Turkey's production situation, especially in the automotive sector, which has the largest share in exports, has also slowed down due to disruptions in chip supply.

sufficient production of electronic circuit elements has brought disruptions in the production phase of vehicles. Due to the disruptions in the production of chips, the balance in production could not be achieved, many companies could not meet the supply and demand needs in vehicle production and caused fluctuations in vehicle prices.



Airbus A380, one of today's passenger aircraft, is an aircraft model produced with composite material technology and 80% of its fuselage is composite. Fiberglass reinforced composite materials (CFK, Carbon-fibre reinforced plastic or glass-fibre reinforced plastic) and sandwich construction technique were used in the body to a large extent. In order to reduce the curb weight of the aircraft, the fuselage is produced with sandwich construction. 2/3 of the walls are made of Aluminum-fiberglass fiber-composite GLARE. Only 1/3 of the interior is made of aluminum.

Resources

[1-www.ekonomist.com](http://www.ekonomist.com)

[2-www.stendustri.com](http://www.stendustri.com) (Journal of Machine)

Lect. Mahmut Nedim TANSU
Motor Vehicles and Transportation Technologies Head of department
Automotive Technology Program



In particular, there are many microchips in the vehicles produced with today's technological developments. These chips are important in vehicles as they connect with software/hardware contents (electromechanical components). Since micro-chips actively establish a software connection with the ECU (Electronic Control Unit), which we call the brain in automotive technology, the in-

Use of Composite Materials in Aircraft

Composite materials are superior materials formed by the combination of two different materials with different physical and chemical properties. TiC reinforced Aluminum composites and glass fibers are examples of composite materials. Composite materials have an increasing use rate in the aviation industry and aircraft production due to their many features such as lightness and durability.



With the increase in the use of composite materials in aircraft structures, the aircraft is made lighter and the fuel to be used is saved. In addition, since they have the superior properties of two different materials, they are as durable as they are light. Considering these features, they are used both in passenger planes and in planes used in supersonic flights.

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Resources

<https://en.wikipedia.org/>

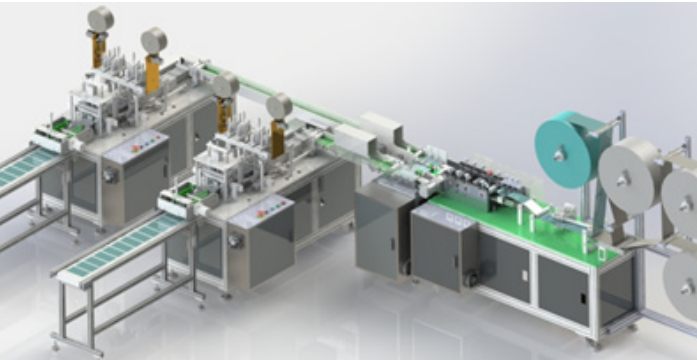
Lect. Nihal GÜL – Lect. Orkun Özsavaner
Department of Motor Vehicles and Transportation Technologies
Aircraft Technology Program



Mask Machines

Since the use of masks reduces the risk of contagious disease due to Covid-19, which is experienced all over the world, the use of masks has become mandatory in many countries and accordingly the production of masks has been insufficient. The pandemic has affected every sector positively or negatively, as well as the machinery sector, and mask machines have begun to be mass produced to produce masks. Fully automatic mask machines are the ideal production line for producing high quality masks. The production line should run fully automatically, without human contact.

The usage area of masks differs and accordingly the production of masks also differs. Mask production machines such as wire masks, wireless masks, flat mask producing machines vary. According to the capacity of the machine, there are mask machines working with 180 pcs/min.



Mask machines fold the fabric, place the nose wire, and then weld the two sides of the mask with ultrasonic welding and automatic cutting process is performed. Then the earpiece of the mask is moved to the spot welding machine and the mask is finally formed by ultrasonic welding.

The function of the medical non-woven mask is to prevent mutual infection between medical personnel and patients in the medical process. Generally, the mask should be soft, have good air permeability, barrier and filter for pathogens and dust. Surgical face masks are generally made of spunbond nonwoven fabric, PP meltblown nonwoven fabric, composite nonwoven fabric, or composites with meltblown nonwoven fabric as interlayer. The filtering effect of the surgical face mask should be more than 90% or even higher to prevent infection.

The increase in the use of masks due to Covid-19 has increased the need for mask machines and the mask machines produced in line with the need have met and continue to meet our needs. Many companies continue to produce mask machines.

References

- <https://www.sarem.com.tr/cerrahi-maske-uretim-hatti/>
- <https://www.tursonic.com/otomatikmaske>
- <https://ledmak.com/full-otomatik-maske-makinası/>

Lect. Yasemen KARAMAN

**Department of Machinery and Metal Technologies
Machine Program**

CLUBS TALK



Our Food Technologies Club is a specialty club established within the body of Istanbul Gelisim University, Department of Health, Culture and Sports (HCS). Food Engineer Msc. Lecturer Kübra SAĞLAM, Head of Food Technology Program at Istanbul Gelisim Vocational School, carries out the consultancy of the club. Our club was established in order to organize social activities such as seminars, conferences, technical trips in the fields of Food Technology and Food Processing, to implement the ideas of individuals with R&D ideas and to carry out patent studies, to raise awareness of consumers about clean, healthy, reliable food production and consumption. Our club is an innovative and creative club that constantly develops itself and organizes events not only for Food Technology students, but also for everyone who is interested in the sector and wants to gain knowledge in this field.


Our club's fields of activity are as follows:

- Ensuring interaction between the sector and the student
- Participating in fairs in the field of food
- Carrying out R&D activities and patent studies
- Organizing technical trips
- Celebrating Food Days and raising awareness
- Organizing in-field seminars and conferences Carrying out workshops
- Organizing Career Talks
- You can fill out the form below for club membership:

<https://docs.google.com/forms/d/e/1FAIpQLScbHFaqBCOsvd2m0mTXLiTfGzMncY31d9MbVd-STcW4s-xmOAA/viewform>

NEWS from IGVS

1. In accordance with the decision of the Senate, online counseling services will be provided to our students in our administrative units at our university. Relevant information is below.

 Units	Tuesdays 09:30-11:30	Thursdays 16:30-18:30
Physical Education and Sports Management (besyo@gelisim.edu.tr)	meet.google.com/cry-qhof-kvj	meet.google.com/umo-rwnf-uwj
IT Department (bidb@gelisim.edu.tr)	meet.google.com/gfa-xbif-mvf	meet.google.com/npv-daws-iin
Scientific Research Projects and Application Center (bapum@gelisim.edu.tr)	meet.google.com/gpm-ydka-xwy	meet.google.com/fub-pvha-riw
Erasmus Office (erasmus@gelisim.edu.tr)	meet.google.com/pkp-krvi-ruf	meet.google.com/wlk-enev-igm
Occupational Physician (sksdb@gelisim.edu.tr)	meet.google.com/gcu-nwom-mic	meet.google.com/iva-yzmb-xoc
Career Development Center and Alumni Platform (kariyer@gelisim.edu.tr)	meet.google.com/dya-pzhh-ind	meet.google.com/ecw-krst-zkm
Library and Documentation Department (kutuphane@gelisim.edu.tr)	meet.google.com/hic-azya-tyi	meet.google.com/hyx-ivww-ych
Dean of Students (ogrencidekanligi@gelisim.edu.tr)	meet.google.com/jcc-afuo-zai	meet.google.com/pxx-xhqe-nud
Sports, Culture and Health Department (sksdb@gelisim.edu.tr)	meet.google.com/nuu-rsvk-iam	meet.google.com/npv-daws-iin
Technology Transfer Office (tto@gelisim.edu.tr)	meet.google.com/ync-meov-czb	meet.google.com/otr-qbmk-ndr
International Student Directorate (iso@gelisim.edu.tr)	meet.google.com/acv-xdf-pvb	meet.google.com/nsq-urza-usa
Distance Education Application and Research Center (uzaktanegitim@gelisim.edu.tr)	meet.google.com/xzd-gkzi-wuz	meet.google.com/edi-fowu-fzt

Please Read!

- Online interviews will be made for informational purposes only.
 - You can participate in online meetings only with your school e-mail address.
 - Online interviews will be recorded and will not be shared with third parties.
 - If you cannot participate the online meetings, please send an e-mail only to the relevant department.
2. IGVS's Student Handbook, which will be used in the 2021-2022 academic year, has been published. You can visit our website for access.

<https://myo.gelisim.edu.tr/>

3. Sevda POLAT, one of the IGVS Applied Russian and Translation Program Academicians, was appointed as a Asst. Prof. on 22.09.2021. We congratulate our teacher and wish her continued success.
4. IGVS, Flight Operations Management Program Lect. Demet DAĞLI's article titled "Evaluation of the Financial Performance of Airlines Before and During the Covid-19 Process with TOPSIS Method" was published in the Journal of Business Research. Access link is below.

<https://www.isarder.org/index.php/isarder/article/view/1514/1467>

5. IGVS, Flight Operations Management Program Lect. Zuhai Yıldız AKPUR's article "Comparative Assessment of Companies' Preferences in Cabin Crew Recruitment From Turkey" was published in the Journal of Tourism and Gastronomy Studies. Access link is below.

https://jotags.org/2021/vol9_issue2_article6.pdf

6. IGVS, Public Relations and Publicity Program Lect. Atilla Akalin's article titled "Jean-Luc Nancy's Socio-Ontology and the Concept of Being SingularPlural" was published in Beytulhikme-An International Journal of Philosophy. Access link is below.

[http://www.beytulhikme.org/Makaleler/416038479_14_Akalin_\(1273-1288\).pdf](http://www.beytulhikme.org/Makaleler/416038479_14_Akalin_(1273-1288).pdf)



7. IGVS, Civil Air Transport Management Program Lect. Hatice ŞİMŞEK ŞAHİNLER verbally presented the following studies at the International Conferences on Social Science Research (ICONSR) congress held between 8-10 September.
- Investigation of Factors Affecting Academic's Destination Preferences During the Covid- 19 Pandemic Process
 - Determining the Awareness Level of Integrated Reporting in SMES: A Research in İstanbul



8. Our team named Parzival Robotics, which is among the finalists of the Aviation, Space and Technology Festival TEKNOFEST Technology Contest for the Benefit of Humanity, Disabled Friendly Category, came 4th in the University Category at TEKNOFEST with its "Bionic Robot Arm and Hand" project. We congratulate Ekrem SÜZEN, an Electrical and Electronics Engineer Asst. Prof., who mentored the project team, and Ramazan Yasin KAYA, İbrahim AKTAŞ, Ahmet Kerem KUTLU and Tunağan YILMAZ, who took part in the team. [Please click to access the results.](#)



9. In line with the Sustainable Development Goals, students who want to take part in projects in cooperation with the public and private sectors and gain experience, develop their networks, and also benefit from free certified training programs and internship opportunities, should send their CVs and cover letter explaining why they want to be a volunteer to tgokalp@gelisim.edu.tr address until Friday, 28 October.

In this context;

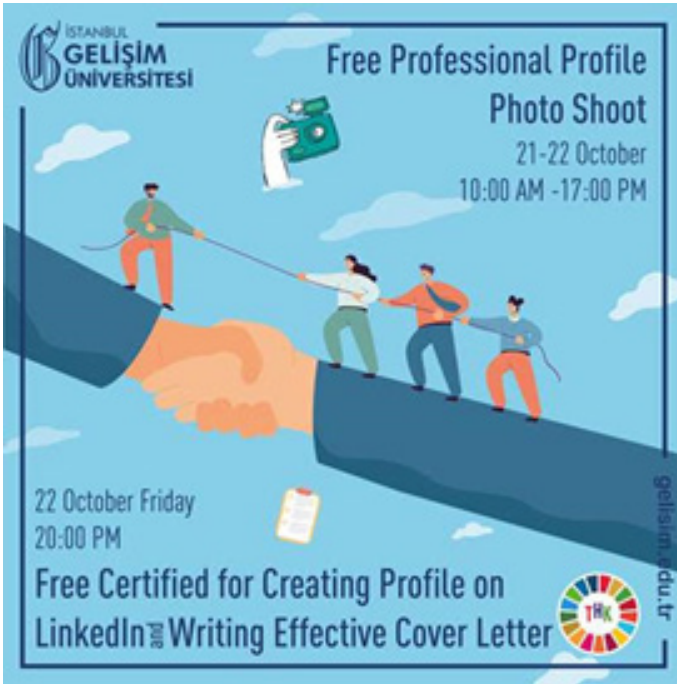
**Volunteer Application of
Istanbul Gelisim University
Community Service Unit
Has Started!**

If you want to take part in projects in association with public and private sector and gain experience, benefit from internship opportunities and develop your network and join free certified trainings, send your CV (or linkedin profile) and your cover letter which explains your reasons for application to tgokalp@gelisim.edu.tr until Friday, 28 October!

TO YAG BENEFIT TO COMPANY VOLUNTEERS

ISTANBUL GELISIM UNIVERSITY COMMUNITY SERVICE UNIT

A free profile photo shoot will be held on 21-22 October at the 5th Floor Community Service Co-ordinatorship in A Block, On Friday, October 22, 2021, at 20:00, Online Certified Professional LinkedIn Usage and Effective Cover Letter training will be held. (meet.google.com/dbq-iqea-gbr)



10. Our Aircraft Technology Program, approved by the General Directorate of Civil Aviation, affiliated with Istanbul Gelisim Vocational School, was selected as the Aircraft Technology Department of the Year at the annual Aviation Achievement Awards organized by the “Bluesky Awards” which is the Turkey’s first and only independent aviation achievement awards organization. The relevant link is below:

<https://www.blueskyawards.com/blog/pdfviewer/award-winners-2021>

11. Our Flight Operations Management Program, approved by the General Directorate of Civil Aviation, affiliated with Istanbul Gelisim Vocational School, was selected as the Flight Operations Management Department of the Year in the Aviation Achievement Awards organized annually by the “Bluesky Awards” which is the Turkey’s first and only independent aviation achievement awards organization. The relevant link is below:

<https://www.blueskyawards.com/blog/pdfviewer/award-winners-2021>

AGENDA of PERSONNEL

As of 27.09.2021, Lect. Serdar GÜR has been appointed to the Istanbul Gelisim Vocational School, Department of Sports Management as the Head of the Department.

As of 05.10.2021, Lect. Çiğdem CAGLAR has been appointed to the Istanbul Gelisim Vocational School, Department of Flight Operations Management as the Head of the Department.

The personnel specified in the table below have started their duties in the administrative units stated next to their names on 24.09.2021 and 07.10.2021.

BRANCH	NAME	SURNAME	STARTED	DEPARTMENT	JOB TITLE
Administrative Personnel	ADNAN	TOPSAKAL	29.09.2021	DIRECTORATE OF IGVS	WORKSHOP TECHNICIAN
Administrative Personnel	MURAT	DERE	29.09.2021	DIRECTORATE OF IGVS	WORKSHOP TECHNICIAN
Administrative Personnel	MUSTAFA	ŞİMŞEK	07.10.2021	DIRECTORATE OF IGVS	WORKSHOP TECHNICIAN

The following lecturers have been appointed to the academic units of our university as of the specified date.

TITLE	NAME	SURNAME	DATE OF APPOINTMENT	FACULTY	DEPARTMENT
LECTURER	HASAN	AKTAŞ	11.10.2021	IGVS	COMPUTER AIDED DESIGN AND ANIMATION
LECTURER	NAZMİYE	İNAM	08.10.2021	IGVS	COMPUTER PROGRAMMING
LECTURER	SENA NUR	BENLİ	11.10.2021	IGVS	COMPUTER PROGRAMMING
LECTURER	ADNAN	KARAAĞAÇLI	11.10.2021	IGVS	AUTOMOTIVE TECHNOLOGY
LECTURER	CAVİDAN TUĞÇE	KELEŞ	08.10.2021	IGVS	CIVIL AVIATION CABIN SERVICES (ENGLISH)
LECTURER	FATMA	BALTA	11.10.2021	IGVS	APPLIED ENGLISH TRANSLATION

Lecturer Fehim İLHAN has been appointed as the Deputy Director of Istanbul Gelisim Vocational School as of 21.10.2021.

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

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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