

## **IGU TTO TEAM WITH THE UAV PROJECT "JET DRONE", VISITED RECTOR PROF. DR. BAHRİ SAHİN IN HIS OFFICE**

IGU TTO team, which ranked 1st in the Hangar Campus Innovation Program organized by the Turkish Aerospace Industry (TUSAŞ) with the UAV project "Jet Drone", visited Prof. Dr. Bahri Sahin in his office.

Our electric fan motor driven fixed wing UAV "Jet Drone" which its engineering and structural body design is developed at IGU TTO (Technology Transfer Office) and has vertical take-off and horizontal flight capability, was awarded 1st prize by TUSAŞ (Turkish Aerospace Industries) in the Hangar Campus Innovation Program in which 38 universities participated with 93 teams.

Istanbul Gelisim University (IGU) Technology Transfer Office (TTO) stands out with many projects and collaborations in scientific and technological fields. The TTO team, which continues to work within IGU TTO and ranks 1st with the UAV Project "Jet Drone", visited Prof. Dr. Bahri Sahin in his office.

## **THE UAV PROJECT "JET DRONE" DEVELOPED BY IGU TTO WAS AWARDED 1ST IN TURKISH AEROSPACE INDUSTRY (TUSAŞ)!**

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The Hangar Campus Innovation Program, organized by the Turkish Aerospace Industry (TUSAŞ), offers comprehensive support to undergraduate, graduate and doctoral students in transforming their business ideas into a commercializable business model.

## **38 UNIVERSITIES PARTICIPATED WITH 93 TEAMS**

The Hangar Campus Innovation Program, which provides many opportunities such as the use of machinery-equipment, materials, software, and laboratories needed for projects and comprehensive support and privileges in transforming it into a commercializable business model, was held on September 14, 2023. The "GökTuran Team", which participated in the competition with the VTOL Electric Fan Motor Unmanned Aerial Vehicle "ALAZ", achieved a great success.

IGU TTO Director Yahya Kemal Kıran stated he following: "Jet Drone Project is an undergraduate graduation thesis study designed by the IGU TTO team after the World Air Taxi Congress, which was held in Istanbul in 2022, to which IGU TTO participated and sponsored with the "Flying Car TUSI". The first presentation of the project was made in October 2022 at the IGU TTO Technology and Project Group, chaired by IGU Rector Prof. Dr. Bahri Şahin. The designs of the project started to take shape in May 2023 and we were selected among the first 12 teams in the TUSAŞ Campus Innovation Program, which participated in June 2023 with the project idea and design. The project team GökTuran was then mentored by TUSAŞ and prepared for the competition held in September 2023. It was stated that the teams that won the first three places in the Hangar Campus Competition will be given sponsorship support from leading institutions and organizations in the sector such as TUSAŞ, Turkish Airlines, Istanbul Technopark and Ankara Technopark. Our first goal is to participate in the studies of these activities and to produce the technology demonstration of our Jet Drone ALAZ. In addition, we will continue to develop new prototype products by continuing the work on our other projects within IGU TTO in the coming periods."

#### **“DO NOT WORRY ABOUT MASK MANDATE SPECULATIONS FOR NOW”**

After the Minister of Health Fahrettin Koca announced that the Eris variant of Covid-19 was seen in Türkiye, Covid-19 started to be discussed again. Infectious Diseases Specialist Asst. Prof. Dr. Savaş Vural stated that the disease-causing feature of the virus has weakened with the change over time.

In its recent report on the Eris (EG.5) variant, the World Health Organization (WHO) updated the status of the species, which was previously the "variant under observation", as the "variant to be monitored" and emphasized that the prevalence of Eris is constantly increasing worldwide. Health Minister Fahrettin Koca announced that Eris variant was seen in 9 people in Turkey. Stating that those who have contracted the virus have contacted abroad and are in the same province, Koca also added the following: "There is nothing to worry about." Istanbul Gelisim University (IGU), Infectious Diseases Specialist Asst. Prof. Dr. Savaş Vural: "Eris is a subtype of the Omicron variant of Covid-19 and a virus closely associated with other variants circulating around the world. Between June and July, the global prevalence of the virus appears to have increased by more than 1002 percent. As of August 7, more than 7,000 samples were shared from 51 countries. Based on the available evidence, the public health risk posed by Eris has been assessed as low at a 'global level'."

#### **“CONTACTS WITH SIMILAR VIRUSES STRENGTHEN PEOPLE'S COLLECTIVE IMMUNE MEMORY”**

Stating that Eris symptoms are similar to other variants, Infectious Diseases Specialist Asst. Prof. Dr. Savaş Vural added the following: "Symptoms of Covid-19 include fever, cough and fatigue, as well as runny nose, headache and muscle pain. You may feel like a slight cold, flu, or severe pneumonia. According to who experts, the public health risk of the new variant is lower due to its proximity to other mutants.

Because contacts with other similar viruses strengthen the common immune memory of people.”

**“THE VIRUS HAS CHANGED SO MUCH OVER TIME THAT ITS DISEASE-CAUSING CHARACTERISTICS HAVE WEAKENED”**

Questions like "Are we going back masking?" or "Do we need to be vaccinated again?" puzzling everyone's mind. While it is known that vaccine companies are trying to adapt Covid-19 vaccines for the Omicron variants closest to Eris, it is likely that the existing vaccines will provide some protection against the Eris variant, the University of Oxford said in a statement. Dr. Vural: “Subtypes of the Omicron variant, such as the Eris mutation, can escape antibodies that have been created against them, but that does not mean the new variant is more contagious or more lethal.” The virus has changed so much over time that its disease-causing characteristics have weakened. Also, the immune system is not just made up of antibodies. In the background, the T cells come into play immediately. In addition, we should not forget the antibodies inherited from previous respiratory infections. So for now, worries such as 'Masked days are coming back' are not true.

### **IGU IS AMONG THE BEST UNIVERSITIES IN EUROPE!**

QS (Quacquarelli Symond), one of the most respected higher education rating agencies in the world, has published the list of “World University Rankings: Europe 2024”. Istanbul Gelisim University became one of the top 500 universities in Europe.

The UK-based higher education rating agency QS (Quacquarelli Symond) has published a list of universities in 42 countries that are members of the Council of Europe. QS, which is based on criteria such as academic reputation, employee reputation, citations per article and number of articles per faculty member, international research network, employability, faculty and student ratio, international student diversity, international faculty ratio, sustainability score, evaluated all participating universities in areas such as global recognition, research skills, teaching resources, and internationalization. In the ranking of 72 universities from Türkiye, Istanbul Gelisim University (IGU) became the best 432nd university in Europe and achieved a significant success by ranking 13th in Türkiye.

### **IGU RANKED 21ST IN THE "QS EUROPE-WESTERN ASIA" CATEGORY!**

Advancing with the vision of "World University", IGU stands out with its scientific and academic innovations in the national and international arena and has many achievements on a global scale with its studies in the field of sustainability. In the ranking of the universities of 42 countries that are members of the Council of Europe, IGU expanded its success network by ranking 21st in the "QS Europe-Western Asia" category. IGU added new ones to its prestigious international achievements in the "QS World University Rankings: Europe 2024" ranking. It ranked 74th as one of the top 100 universities in Europe in the "Citations Per Article" ranking and 2nd in the Europe-Western Asia category. It was also ranked in the top 100 in all evaluation criteria in the Europe-Western Asia category. A total of 19 universities in Türkiye,



which is the second most represented country with the participation of 72 universities, IGU ranked 13th in Türkiye. Continuing its success among the foundation universities in Türkiye, IGU ranked 4th after Koç University, Bilkent University and Sabancı University.