

## The Expert evaluates plane crashes

Following the crash in Pakistan, Asst. Prof. Dr. S. Haluk Kul, an expert on aircraft accidents and case studies, made evaluations and talked about the measures that can be taken to prevent possible accidents. Haluk Kul said: "Looking at the world average, 1 and a half million people die in traffic accidents annually. But airplane accidents don't come up as much as traffic accidents." Kul also stressed that the airline is the most reliable way of transportation.

As a result of the failure of Airbus A320 passenger aircraft engines belonging to Pakistan International Airlines, it fell into a residential area in the city of Karachi. Flight PK8303 carried 91 passengers and 8 crew members. The plane from Lahore, one of the busiest airports in the country, to Cinnah International Airport in Karachi, fell in the second landing attempt, 97 people died. Along with the technical problems that have been on the agenda after each plane crash that caused all people on the plane to die, the question of how reliable air transportation is again on the agenda. However, when we look at the deaths in the world average, it is noted that the most reliable mode of transportation is still the airway. Plane Accidents and Case Studies Trainer from Istanbul Gelisim University, Asst. Prof. Dr. S. Haluk Kul said that with the developing technology and the measures to be taken, plane accidents are decreasing every year.

### "AIRPORTS SHOULD BE VERY AWAY TO CITY CENTERS"

Stating that the airports should always be made out of the city, in terms of the fact that the aircraft belonging to Pakistan fell into a settlement and in such cases, the people on the ground not to be damaged Asst. Prof. Dr. S. Haluk Kul said that the losses will be less in the accidents that may occur in this way. Haluk Kul added: "The passengers want the airports to be close to the city center so that the transportation is comfortable. But this also has a risk. For example, the end of the runway towards the Yenibosna side of Atatürk Airport was exactly where Küçükçekmece Municipality's wedding hall is located. This enormous risk will be where the non-take-off plane will hit where there is a community for more than one wedding in the wedding hall. Unfortunately, this is also a problem with our urbanism. Because we are people living in very tight structures. When you look at the developed countries, we see that there is widespread and that the end of the runways and the surrounding areas are far from the city. We even have an approach like this; its proximity to the airport considers it an increase in prices in terms of real estate. However, in developed countries, places far from the airport are preferred. In this case, the better the end of the runway for the problems that may arise from any take-off and landing, the better for the people on the ground."

### "TRAININGS GIVEN BY CABIN ATTENDANTS ARE OF VITAL IMPORTANCE"

Stating that the trainings given to the passengers by the cabin crew before each flight are of vital importance Kul said: "For example, the plane somehow made an emergency landing, but there is a fire on the plane, it must be escaped very quickly. It is necessary to follow the procedures here in order to ensure this very fast escape. Or, with some energy transfer, a hard landing was made. In this hard landing, these precautions should be followed to ensure the people not to break arms, legs or even noses. Or let's say that the landing has been successfully landed, it is necessary to know how to properly evacuate with the aircraft and to use life jackets to stay on the water until the rescue teams arrive. In this context, every rule written in aviation has been gained through experiences and loss of life. Aircraft's fate are rules."

SAFETY AND SECURITY IN AVIATION

Expressing that with the developing technology, the methods to reduce the death rates in aircraft accidents are increasing day by day, in this context, aviation is progressing by working with great devotion Kul continued as follows: "In aviation, safety is the case of no accident. Security is that there are no illegal acts. There are three stages in terms of safety in airlines. Initially, systems are requested to be error free, mechanically and technologically. When it comes to a certain competency, people who use them, namely pilots and maintenance technicians, are able to do this job very smoothly. Then, in the second stage, aviation is tried to make people who do the right things with a decent organization can do the right things with the right equipment. There are technologically satellite navigation systems, and we use it. Previously, speed direction determination could not be performed in navigation position determination with udu, after a few accidents, military applications and civilian applications were also started. It has now become standard. There are also many different systems. Also, there are a lot of processes, measurement and recording under control that we cannot imagine by thinking continuously.

**"DEATH RATE IS MUCH LESS IN AIR TRANSPORTATION"**

Emphasizing that there is a huge difference between the mortality rates of airline transportation compared to road transportation, Kul said: "Aviation activities are increasing every year, there is a decrease due to Covid 19, but the amount of cargo carried each year, the amount of flights in the air and the number of passengers increase. . However, the amount of people who die during the year (we keep military aviation separate) is kept below a certain level in civil aviation. The number, which was between 1500-2000 20 years ago, was 850 in these last years. However, looking at the world average, 1 and a half million people die every year in traffic accidents. But it doesn't come up as much as an airplane accident. It is worth noting that aviation is the safest and most reliable travel style in terms of flight safety, even though it is very sensational."

**"I THINK THAT THE NEGLIGENCE WILL NOT BE IN INTERNATIONAL STANDARDS"**

Finally, Kul, who made evaluations about the presence of any human negligence in accidents, concluded his words as follows: "It is inherent to make mistakes. However, in the event of errors, preventive systems are used that can compensate or realize that they have made a mistake. I think the negligence will not be at international standards. A minor negligence in aviation is a crime against humanity. Imagine a car getting involved in a traffic accident, what causes the disaster here is energy, which is usually due to the speed of the car. The plane involved in the accident weighs about 40 tons, that is 40 times the weight of an automobile, and its speed is 10 times that of an automobile. So if it explodes, it causes a huge accident. If an aviation accident happens, we will never look for a criminal, that is, a lynching attempt. If there is an error in the system, we will test the causes of active and passive errors and take action accordingly. So even if people make mistakes, if possible, an environment of trust is created by being told immediately or afterwards."

**Publicity days of universities will be held 'online'**

Just a short time before the Higher Education Institutions Exam, universities started introductory days for candidate students. Guidance Specialist Elif Alu Gulşen, who stated that promotions will be held online this year as well as university visits due to the coronavirus epidemic, said: "Prospective students will be able to contact faculty members of the departments they are interested in during the publication days that are broadcast live on the social media accounts of the universities."

After the date of Higher Education Institutions Exam (YKS) was updated between 27-28 June 2020, universities started introductory days for prospective students. The promotions to be made are also being held online this year due to the Covid-19 outbreak. Elif Alu GulŒen, a Guidance Specialist speaking about the "Online Promotion Days" which will start tomorrow at Istanbul Gelisim University, said: "With the introductory days, information will be provided on the departments of universities, foreign language opportunities, accommodation and scholarship opportunities, social, cultural, sports activities, campus life and academics. Promotions will start live every day at 16:00."

"TO BE COMMUNICATED WITH TEACHING STAFF"

Guidance Specialist Elif Alu GulŒen stated that every year, university promotion days are organized in order to help students' vocational and university preferences, but this year these activities are organized online due to the coronavirus epidemic: "Prospective students will be able to contact faculty members of the departments they are interested in during the publication days that are broadcast live on the social media accounts of the universities."

"MORE CANDIDATES WILL BE ABLE TO PREFER UNDERGRADUATE PROGRAMS"

GulŒen stated that more candidates may prefer undergraduate programs by drawing the dam, which is 180 in the related score type, to 170, said: "This is estimated to be around 112,000-195,000 candidates. However, the mass that will be affected by the change of the dam will be more of the students who have a dam problem in the AYT (Field Proficiency Test) session of the exam."

"STUDENTS HAVE ENOUGH TIME TO PREPARE"

Guidance Specialist Elif Alu GulŒen, who stated that the changes made on the exam date would not face a situation such as students' lack of training, said: "A number of changes were made in the exam curriculum for this year. Topics covered in the second semester of the 12th grade were removed from the exam curriculum. This situation also caused some differences in the graduation procedures of 12th grade students. In the 2019 - 2020 academic year, first semester grades will be valid. The year-end score will be determined by the grades taken in the first semester. Students with a year-end success score of 50 will be able to pass the class directly. 12th grade students who are required to pass the class will be able to get a diploma and graduate. Having 12th grade students having failed or responsible courses will not be an obstacle for them to enter YKS. In this case, students who have settled in the university will have the right to submit their diplomas to the higher education institution where they study until the end of December. Secondary education achievement scores of 12th grade students; Year-end grades for the first semester of 9th, 10th, 11th and 12th grades will be calculated by calculating the arithmetic average."

"NO NEED TO EXPERIENCE EXTRA PANIC"

Stating that the last 100 meters of the marathon, which has been carried out for a year, has been reached, Abdulkadir Gayretli, Chairman of the Board of Trustees of Istanbul Gelisim University, said: "Because of the hot weather and epidemics, we cannot relax our work. For this reason, candidate students are required to solve subject-based or general trials frequently. Deficiencies can be detected and resolved in a short time. Students should now pay attention to sleep and eating patterns. It is necessary to create this routine so that our biological clock can comfortably adapt to the exam day. Somehow we must solve the experiment in the environment and conditions that are suitable for the actual exam conditions. Another factor that we should pay attention to in this process is "Being positive". It will be beneficial for us to move silently away from environments

where there are negative conversations. Based on the statement of YÖK President Prof. Dr. Yekta Saraç, "An advantageous exam has been formulated", students do not need to experience any extra panic due to the process we are in.

### **Make-up exam opportunities for students**

Reminding that the students who could not take the exam for acceptable reasons in line with the principles sent by the Council of Higher Education (CoHE) to the universities for the final exams to be held in the digital environment are given an online examination opportunity for make-up, Prof. Dr. Nuri Kuruoğlu said: "Decisions taken are only limited to the period of outbreak."

Istanbul Gelisim University (IGU) announced that the Council of Higher Education (CoHE) has determined the principles to be applied from the technical support to the security in the exams for the end-of-term digital exams to be applied in the universities and sent them to the universities. According to this, IGU stated that it is stated in the principles that the students who could not take the exam for acceptable reasons will be given an online examination opportunity for make-up in order not to experience unjust treatment.

### **"DECISIONS ARE LIMITED TO THE OUTBREAK PERIOD"**

Speaking of the topic, Istanbul Gelisim University Vice Rector Prof. Dr. Nuri Kuruoğlu said: "CoHE heard the students' voices and determined the principles of the exams in the letter they sent to universities. Decisions taken are limited only to the period of outbreak. In addition, in order to carry out the exam process in digital media without interruption, universities are structured to provide technical and administrative support for students. Students who cannot take the exam for acceptable reasons are given an online exam opportunity for make-up."

### **"ALL NECESSARY MEASURES TO BE TAKEN"**

Stating that necessary procedures are determined for the students who have technical problems to complete the exam, Kuruoğlu said: "In online assessments, students will be given sufficient time in accordance with the type of exam. All necessary precautions will be taken in order to conduct the exams of disadvantaged and disabled students in a healthy way in digital environment."

### **Coronavirus also affected profession choices**

Stating that the coronavirus outbreak also affects students' profession choices, Istanbul Gelisim University Chairman of the Board of the Trustees Abdülkadir Gayretli said: "The prospective students started to determine their preferences with the university publicity days. The students want to prefer health and engineering departments."

After the date of Higher Educational Institutions Exam (YKS) was updated between June 27-28, 2020, universities started publicity days for prospective students. Due to the coronavirus pandemic, publicity is held online this year as well as university visits. Expressing that coronavirus pandemic is effective in department preferences in online interviews, Gayretli said: "All health programs, computers, electrical-electronics, mechatronics, civil engineering departments and architecture department attract intensive attention."

### **"THE PANDEMIC CAUSED A BIG CHANGE"**

Emphasizing that the policies implemented by Head of CoHE Prof. Dr. Yekta Saraç like silent revolution in higher education caused leap, and stating that stating that the outbreak process is

managed very well, Gayretli said: “The pandemic showed us that digitalization and technology affect every aspect of our lives. We have undergone a transformation on technology in education with our ready-made infrastructures. This transformation caused a big change that would affect the preferences of the prospective students.”

“WE CAN CARRY OUT SAMPLE ARCHITECTURAL PROJECTS”

Stating that the outbreak creates need for detached housing projects and smart home technologies, Gayretli said: “We are stuck in the balcony-free apartments of high-rise buildings. We cannot go outside anymore. Works with the intelligence of Turkish engineers and architects will add value to the world. We have an architectural culture from the past to the present. In this way, this culture will revive.”

“HOW MUCH DO YOU KNOW YOURSELF?”

Reminding that guidance counselors and consultants are with students before YKS, Gayretli spoke: “In addition to knowledge, this exam is a test in which it is necessary to be psychologically ready. It has always been so. You have completed your lack of knowledge, solved your tests; but, is your strategy ready? How is your psychology? How much do you know yourself? The things that will enable students to be successful up to 50 percent are the studies they have done, and 50 percent goes through a good exam strategy, strong psychology and knowing yourself.”