

## **“WHO ARE YOU?” SUCCESS FROM THE FACULTY OF FINE ARTS!**

Istanbul Gelisim University (IGU) Faculty of Fine Arts students achieved another success. The film project “Who Are You?” by the Radio, Television and Cinema Department students won the Lift-off Filmmaker Sessions and Lift-Off Sessions - Pinewood Studios selections.

The Faculty of Fine Arts offers its students the opportunity to take part in many projects and gives direction to their future careers. A new one has been added to the student projects that stand out with their short film projects and achieve success in the national and international arena. The short film "Who Are You?", written and directed by Mustafa Çağatay Türkmen, a third-grade student at the Department of Radio, Television and Cinema, started its journey to the festival. Serkan Aldüz, a third-grade student from the Department of Radio, Television and Cinema, starred in the film that won *Lift-off Filmmaker Sessions* and *Lift-Off Sessions - Pinewood Studios* selections. Radio, Television and Cinema Department students Onur Karakuş, Emir Akarslan, Mert Hakan, Reyhan Eftelya Turu, Beyzanur Yüksel, Hilal Tatar, Melek Çetinkaya took part in the film, which conveys the conflict of good and evil in everyone's personality and the experiences of a character struggling with this conflict.

“Who are you?” is the expression of dull and boring times!

Mustafa Çağatay Türkmen, who is the screenwriter and also the director of the film, stated that he started to write the script when he was in the first grade, the time the atmosphere of the pandemic prevailed all over the world. He also indicated that they carried out team work and they thought for a long time about how to best convey the issue to the audience.

The “Who Are You?” team, which determined the elements that would best convey the film to the audience at the script stage, used cinematographic elements such as color, music and framing. Turkmen described the coldness of the film as an expression of the dull and boring times.

The team, which succeeded in integrating all techniques into the film so that the audience could identify with the character, proved their success with the news of two selections they received as soon as they started their journey to the festival. Türkmen stated that they are excited about the success they have achieved and that they continue to work as a team on the next projects with the same high motivation.

## **TUBERCULOSIS IS THE 13TH LEADING CAUSE OF DEATH WORLDWIDE**

Tuberculosis (TB), still one of the most significant public health problems in the world, caused 1.6 million deaths in 2021. Asst. Prof. Dr. Nurten Elkin from Istanbul Gelisim University (IGU) Faculty of Health Sciences made a statement within the scope of "76th Tuberculosis Education and Awareness Week".

Tuberculosis, which is among the important public health problems that requires global struggle due to its incidence and effects, is an infectious disease that can affect all tissues and organs such as bones, skin and eyes, especially the lungs. Asst. Prof. Dr. Nurten Elkin said, “It is estimated that approximately two billion people in the world are infected with TB bacillus. She

also added that although this disease is mostly seen in the lungs, it is also very common in the pleura, lymph nodes, bones, kidneys and cerebral cortex.

What is Tuberculosis?

Conditions that reduce body resistance, diseases and factors that affect immunity play an essential role in the emergence of TB. Symptoms of tuberculosis are fatigue, loss of appetite, weight loss, inability to gain weight in children, fever and night sweats. Tuberculosis should be suspected in the presence of a cough that lasts longer than two to three weeks and does not respond despite receiving antibiotic treatment. Asst. Prof. Dr. Elkin said, "The definitive diagnosis of the disease is made by seeing the tuberculosis bacillus in the sputum. This disease, which also causes diseases that affect immunity, can also occur in cases where immunity is low. The coexistence of HIV/AIDS and tuberculosis is common, as HIV/AIDS is one of the diseases that reduce body resistance the most. Diabetes Mellitus, chronic kidney failure, some cancers, drug and alcohol addiction, cigarette use can also lead to the emergence of Tuberculosis by lowering body resistance. "

"Regular use of medicines for the treatment of tuberculosis is very significant"

Tuberculosis treatment in our country is carried out in all health institutions in accordance with the standards determined by the "Diagnostic and Treatment Guide" published by the Ministry of Health. The treatment of new TB patients takes 6 months. Dr. Elkin underlined that the regular use of medicines is very important for the success of the treatment. Tuberculosis bacillus can become resistant to drugs if the drugs used in the treatment are taken incompletely or used irregularly. Babies who have completed their second month after birth can be protected from TB with the BCG (Bacille Calmette Guérin) vaccine administered free of charge in Family Health Centers or Tuberculosis Dispensaries.

### **SAVE ENERGY BY DELETING 10 EMAILS FROM YOUR ACCOUNT!**

Many individuals and institutions are working to reduce their carbon footprint and save energy. Asst. Prof. Dr. Serkan Gonen made statements within the scope of "Energy Savings Week", which is celebrated in the second week of January. Stating that digital cleaning will also reduce the carbon footprint, Gonen indicated if everyone with an e-mail account deletes 10 e-mails, the electricity consumption will decrease.

With the global warming problem and the accompanying climate change, everyone needs to change many of their habits. Some of the things to do are to use a bicycle to reduce the carbon footprint, not to wash the dishes, to use public transportation, and not to prefer cardboard cups. In order to manage waste, energy savings are achieved by using digital media for many studies. Many people do not know that cleaning is required for computers, mobile phones and the internet, which are found in all areas of our lives. E-mail services emit carbon emissions through the servers and devices they use. Asst. Prof. Dr. Serkan Gonen, Head of the Software Engineering Department of the Faculty of Engineering and Architecture of Istanbul Gelisim University (IGU), stated that if everyone with an e-mail account deletes 10 e-mails, the electricity consumption will decrease and the carbon footprint will decrease.

Spam and advertising-campaign emails occupy a space in storage areas

When it comes to protecting the environment and waste, most people think of products such as paper and plastic. The digital age we live in has also changed environmental protection factors. It is not known to most people that environmental damage is caused by the e-mail accounts we use every day, the videos watched and the music listened to. Although the use of e-mail provides less carbon emissions than the normal mail service, the servers and devices used by the mail services cause carbon emissions. Asst. Prof. Dr. Serkan Gönen said, "According to the Digital 2022 report, 4.69 billion people have e-mail accounts. If everyone deletes 1 KB of emails, that will free up 49 Terabytes of storage, thus reducing electricity consumption. During the day, spam and advertising-campaign e-mails are received in large numbers to their e-mail accounts. Most of the spam e-mails are automatically deleted by the e-mail services used, but spam e-mails that cannot be caught in between take up space in the storage areas. Marking them as spam is helpful for filtering. Since advertisement-campaign e-mails are sent in mass, their energy consumption is less; however, deleting after you are done will reduce your carbon consumption."

"More energy savings are achieved if a lower resolution is used while watching a video"

Internet and applications, which exist in a large part of life, have become a significant part of social life. Compared to e-mails, applications of watched videos and music listened to produce more carbon emissions in terms of servers. Dr. Gönen said: "Watching videos in particular consumes much more energy with bandwidth and storage. If a lower resolution is used while watching videos, more energy is saved. Moreover, the most well-known messaging application also uses a server to send data, but does not make backups. This means that the energy used by such programs is less than the e-mail environment."

### **FACULTY OF FINE ARTS STUDENTS' SHORT FILM PROJECT "TIN (SOUL)" HAS STARTED ITS FESTIVAL JOURNEY!**

Istanbul Gelisim University (IGU), Faculty of Fine Arts, Radio, Television and Cinema Department students' short film project "Tin (Soul)" will be screened at Lift-Off Sessions - Pinewood Studios.

A new one has been added to the success of the students of the Faculty of Fine Arts. The short film "Tin (Soul)", written and directed by Muhammet Emir Akarslan, a third-grade student at the Department of Radio, Television and Cinema, started its journey to the festival. Third-grade students from the Department of Radio, Television and Cinema were included in the team of film, which won the *Lift-Off Sessions - Pinewood Studios* selection. The short film was produced by Hüseyin Bilgekaan Koçer, the assistant director was Bedia Zerin Hökenek, the art director was Sümeyye Özyurt, the light conductor was Eslem Özgüç, and the sound technician was Beyzanur Yüksel.

A soul's journey: Tin

The short film, which opens with a routine day of Bertan and Parya, a lonely couple in their mid-forties, changes its direction when Bertan dies as a result of an accident. Bertan's spirit

continues to live with Parya in the house and the audience begins to follow a spirit. With the accidental destruction of Bertan's soul, the film completes a cycle. Muhammet Emir Akarslan, the screenwriter and director of the film, stated that he revealed the plot of the story by focusing on the imaginary sketch of a story he wanted to tell for a long time. Stating that he started to design details that he hoped would leave an impression on the audience, Akarslan added that he used metaphors for this purpose and that they worked diligently on the music and frames. Akarslan also stated that getting a selection at *Lift-Off Sessions – Pinewood Studios* was a great motivation for the team and that he had good expectations for the film.

“Faculty of Fine Arts Festival Team” supports short film projects

Faculty of Fine Arts Festival Team, created by the Department of Radio, Television and Cinema to support students' projects in their festival journey, continues its studies under the leadership of Erdem Doğan and the support of department students İsmail Akbal and Muhammet Emir Akarslan. The team, which has supported the projects of many students whose success has been announced before, pursues to work on the short film "Tin (Soul)".

### **VISIT TO RECTOR PROF. DR. BAHRI SAHIN FROM UCHNA RECTOR AND THE CAUCASUS UNIVERSITIES ASSOCIATION PRESIDENT**

Istanbul Gelisim University (IGU) Rector Prof. Dr. Bahri Sahin hosted Azerbaijan Charkhe Niloofari Higher Education Institute Rector Prof. Dr. Kamran Pashaie Fakhri and Caucasus Universities Association President Prof. Dr. Ramazan Korkmaz in his office.

A plaque was presented after the visit, in which international student recruitment and cooperation between universities were discussed.

Studies and collaborations on the way to becoming a world university pursue

Standing out with its achievements in quality education, sustainability studies, internationalization policies, and research and development projects, Istanbul Gelisim University continues to move forward with its vision of becoming a 'World University'. IGU, which has made a name for itself with its understanding of education and internationalization studies offered at international standards since its establishment, also attaches great significance to cooperation in fields such as education, culture, technology and joint projects.

In the meeting, which was attended by Istanbul Gelisim University Vice Rector Prof. Dr. Necmettin Maraşlı, Head of Corporate Communications Department Asst. Prof. Dr. Bulent Degirmenci, International Students Manager Umedjon Haitmurodov, international student recruitment and cooperation between universities were discussed.

After the visit, Azerbaijan Charkhe Niloofari Higher Education Institute Rector Prof. Dr. Kamran Pashaie Fakhri and Caucasus Universities Association President Prof. Dr. Ramazan Korkmaz were presented with plaques. The visit ended with a tour of our university's campuses.

### **MICROPLASTIC EXPOSURE FOR BABIES BEGINS IN THE MOTHER’S WOMB!**

In the studies conducted last year, microplastics were found in breast milk for the first time, and mothers were warned to avoid particularly packaged foods and various cosmetic

materials. Istanbul Gelisim University Biochemistry Specialist Asst. Prof. Dr. Burcin Tuzuner underlined that microplastics can enter the body in many ways, from the food products consumed to the air we breathe.

Plastics, which are cost-effective and have many advantages, are used at many points in daily life. Although most of the plastics are lost in nature by decomposition, plastic waste that is not disposed of properly raises concerns about the environment and human health. Istanbul Gelisim University Biochemistry Specialist Asst. Prof. Dr. Burcin Tuzuner underlined that these plastics can cause cell death and allergic reactions in the human body.

The answer to “What is Microplastic? must be well-known”

Asst. Prof. Dr. Burcin Tuzuner stated these results cause concern for human and environmental health:

“First of all, the answer to the question 'What is microplastic?' must be known to everyone. Plastic particles smaller than 5 mm that occur as a result of plastic pollution are called microplastics. These are either produced specifically to provide functionality to industrial products or arise due to the wear/breakdown of large plastics over time. They are found in many places, from the food we eat to the water we consume, the air we breathe, and now the agricultural products that are grown. However, it is still unknown exactly how long they remain in the body. Today, national bans on the use of microplastics as additives in cosmetics and cleaning products have entered into force in some member states of the European Union. We, too, can reduce waste generation by avoiding unnecessary use and consumption of plastic in our living spaces as much as possible. We must make the necessary effort for healthy living spaces and people.”

Microplastics have been found in both breast milk and baby bottles

Microplastics, which appear in the blood, lung tissues, breast milk, placenta of pregnant women, meat and milk of farm animals, can also pass from soil to plant seeds, according to recent studies. At the same time, the release of microplastics due to the heating of polypropylene baby bottles to the recommended temperature during the sterilization stages and for formula preparation causes bottle-fed babies to drink millions of particles per liter per day.

### 5 Ways to Reduce Plastic Footprint

Asst. Prof. Dr. Tuzuner stated that different solutions should be considered in the short, medium and long term to reduce the negative effects of microplastics on the environment and human health, and he made 5 practical suggestions that we can apply in our daily lives.

- 1- Using products made of reusable materials such as glass and metal instead of disposable plastic forks, knives, glasses, plastic bottles or straws can prevent unnecessary plastic waste.
- 2- You can reduce plastic consumption by not choosing over-packaged and unnecessarily bulky products in your shopping.
- 3- The average life of plastic bags is 15 minutes. You can reduce the formation of plastic waste by using cloth bags instead of plastic bags in your shopping.



4- You can choose the cosmetics and cleaning products you use from reusable or refillable packaging. Instead of products containing microplastics, you can buy natural cosmetics and cleaning products.

5- You can contribute to the recycling of plastics by showing a more sensitive behavior as a consumer in reducing waste production and collecting your waste separately at home.

### **APPLICATION AND RESEARCH CENTERS OPENING CEREMONY WAS HELD**

The opening ceremony of Istanbul Gelisim University (IGU) Application and Research Centers, which is advancing with the vision of becoming a "World University" with an understanding of quality education, developing and producing, was held. Rector Prof. Dr. Bahri Sahin, who made the opening speech of the ceremony, stated that they wanted to bring together Application and Research Centers and ensure teamwork.

Istanbul Gelisim University (IGU), which attaches importance to R&D studies on the way to becoming a prestigious "Research University" that will contribute to the production of new technologies, brought together Application and Research Centers. Application and Research Centers, which have objectives such as establishing scientific cooperation, securing research resources and providing research support, focusing on social problems and triggering continuous learning by creating social awareness, have many projects to be implemented in the short term. Stating that they are planning the projects to be done, Rector Prof. Dr. Bahri Sahin also added the number of Application and Research Centers will increase.

Istanbul Gelisim University (IGU) Application and Research Centers aim to contribute to society through science. Rector Prof. Dr. Bahri Sahin added the following: "Application and Research Centers are affiliated to Prof. Dr. Necmettin Maraşlı, Vice Rector responsible for R&D. I thank him very much. Since the day he took office, he reviewed all the regulations and directives in a short time and combined the existing scattered structure. We will hold a meeting in Beylikdüzü Organized Industrial Zone in a short time. Application and Research Center Managers and their teams will attend the meeting. There are studies that we can do together with municipalities. Our environment is like a social laboratory. We can do a lot of work in this area. We will cooperate both in terms of social responsibility projects and with the industry. We can carry out joint projects by getting funding for these studies."

"We ensure teamwork"

Prof. Dr. Bahri Sahin indicated, "We will carry out technical projects with TEKMER (Technology Development Center) and TTO (Technology Transfer Office). We will turn TEKMER into Technopark. Technical scientists will unite under this roof. We will unite social scientists under SOSYOPARK and art scientists under SATPARK. We have sent the instruction for SATPARK. We will implement it very soon. By removing the messy working structure, we ensure teamwork. With Technopark, SOSYOPARK and SATPARK, IGU will become a prestigious university in Turkey."