

THE FIRST AWARD OF 2024 CAME FROM UNIDO TUBITAK TO MICROHOBIST BIOTECHNOLOGY, ONE OF THE IGU-TEKMER COMPANIES!

Istanbul Gelisim University Technology Development Center (IGU-TEKMER), which aims to contribute to the production of new technologies, continues its work without slowing down. Istanbul Gelisim University Rector Prof. Dr. Bahri Şahin and TEKMER Director Hande Ceylan Dayan were presented a plaque to Microhobist Biotechnology, one of the IGU-TEKMER companies, for the international award they received.

İGUTEKMER, which was established to increase the interaction between entrepreneurs and companies aiming at product development and to create value-added products, offers entrepreneurs working in the fields of "basic science" and "engineering" the opportunity to work in a common field. Türkiye 2023 Global Cleantech Innovation Program (GCIP); In the global accelerator program in cooperation with the United Nations Industrial Development Organization (UNIDO) and TÜBİTAK as the executive organization; It is aimed to transform solutions in the field of clean technology into enterprises, to increase the number of existing enterprises, and to prepare clean technology entrepreneurs for the national and global markets. In this context, the first award of 2024 came from UNIDO & TÜBİTAK to Microhobist Biyoteknoloji, one of the TEKMER companies. Microhobist, from the 2023 Türkiye GCIP Accelerator program; The Company returned with two awards in the GCIP Turkey 3rd Prize and Successful Female Entrepreneur categories. The company will represent our country in the GCIP Global Competition, where the winners of 16 countries where GCIP is conducted will take part.

As part of the GCIP Turkey 2023 Accelerator Program, a ceremony was held in Ankara, attended by Minister of Industry and Technology Mehmet Fatih Kacır, President of TÜBİTAK Prof. Dr. Hasan Mandal, UNIDO Turkey representative Süleyman Yılmaz, ambassadors of GCIP countries, and representatives of stakeholder institutions. Minister Mehmet Fatih Kacır emphasized Turkey's 2053 goals and emphasized the importance of projects developed within the scope of clean technology.

FAKE BUTTER WORTH 5 MILLION LIRA WAS OBTAINED IN ISTANBUL: "INSPECTIONS MUST BE INCREASED"

While fake butter worth 5 million lira was seized in Bayrampaşa before Ramadan, Food Certified Engineer Lecturer Eda Şensu Demir stated that inspections should be increased and said, "There should be more instant inspections or deterrent

penalties." She also said that fake butter deceives consumers and that different toxic substances may enter the food during production, which is harmful to human health.

Shortly before Ramadan, 3 tons of fake butter with a market value of approximately 5 million lira was seized in Bayrampaşa. It was determined that what was seized was not butter, but vegetable oil that was turned yellow with chemicals added to it; Oils determined to be harmful to human health were destroyed. During the operation, two people at the workplace were detained by police teams. The large amount of fake butter was seized in the center of the mega city brought to mind its health hazards and what should be done at the checkpoint. While the inspections were carried out by the Ministry of Commerce and the Provincial Directorate of Agriculture, Istanbul Gelisim University (IGU) Food Certified Engineer Lecturer Eda Şensu Demir said that these inspections should be increased and deterrent penalties should be introduced. Şensu also said that fake products deceive consumers and that since hygiene and sanitation rules are not followed during production, different toxic substances may enter the food, which is risky for human health. Şensu also warned consumers to get into the habit of reading labels.

Food safety means keeping all foodborne illnesses away from microbiological, physical, and chemical contaminants during the production, preparation, storage, and delivery of food to consumers, says Food Certified Engineer Lect. Eda Şensu Demir. "Actually, the food sector is a very important sector for us. Of course, we can say that it is the sector most affected by economic fluctuations." That's why we can see a lot of cheating, imitation and adulteration in foods. If we talk about adulteration, we can express it as the preparation of food by adding an ingredient that should not be included in the food or by removing some or all of an ingredient that is important for that food. Of course, the manufacturer gains an unfair advantage here. Şensu Demir said: The manufacturer deceives the consumer. Here, we can see products such as honey, dairy products and meat products among the most imitated or adulterated products. Butter also falls into this group. It is very important for us. Butter is a valuable product. We can say that butter is prepared as 80 percent fat and 20 percent water. The most common trick we see is adding vegetable oils such as sunflower, palm or corn, or adding margarine. "Products such as starch or potatoes can be added to butter instead."

"WE NEED TO BE VERY CAREFUL ABOUT THE PRODUCTS WE BUY"

Demir also mentions another form of adulteration, which involves adding colorants or dye substances. "Usually, to distinguish between imitation or adulteration in a product, analysis is required. This means looking at its chemical oil composition." When the consumers look from the outside, they cannot understand the fraud. Its

chemical composition should be examined through analysis. However, the melting temperature of the oil can give an idea. Since butter melts at body temperature, it will retain its hardness a little better at room temperature. Butter with vegetable oil added will spread easily at room temperature. Of course, this could be a sign. Apart from that, analyzes must be made. First of all, fake products are deceptive to consumers. Since hygiene and sanitation rules are not followed during production, different toxic substances may come into the food from outside. Microbiological contaminants may come, and since this is not monitored, we are actually at risk. That's why we need to be very careful about the products we buy," she said.

"INSPECTIONS MUST INCREASE"

Food Certified Engineer and Lecturer Eda Şensu Demir, who mentions the emergence of advanced forms of counterfeiting, says, "Large companies or chain supermarkets have food safety standards such as ISO, BRC, etc. Due to these standards, they are required to analyze the products they sell or produce. We can buy these products with confidence because of this. Apart from that, we should definitely not consume openly sold products. Especially online sales have started to increase and people are ordering products from villages to access healthy food. However, we can say that there is no control whatsoever. So at this point, inspections need to be increased further. "There needs to be more instant control or there needs to be deterrent penalties."

"CONSUMERS SHOULD DEFINITELY READ THE INGREDIENTS WHEN PURCHASING A PRODUCT"

Demir, who advises consumers on reading labels, stated, "It will be better for the health of the consumer to know what they are eating, where the product is produced, and to follow the business registration or approval information by reading the ingredients section when purchasing a product."

20TH COMPUTER ENGINEERING STUDENTS' CONGRESS WAS HELD AT IGU

The Computer Engineering Students' Congress (BİLMÖK), which deals with the Information Technologies of the Future, was held at Istanbul Gelisim University this year. Speaking at the 20th Computer Engineering Students' Congress, Vice Chairman of the Board of Directors of the Chamber of Computer Engineers Arif Cevizci said, "8 of the 10 most valuable companies in the world are IT companies. Nine out of the 10 richest people in the world are software developers. Tomorrow, perhaps, these will be 100 percent IT specialists."

The 20th Computer Engineering Students' Congress, which is held every year at Istanbul Gelisim University, was held. Thanks to the congress, which lasted for 2 days and brought together computer engineering students and the sector, students

had the opportunity to share their ideas, present projects and develop their experience in new technologies, innovative ideas and sustainable solutions, such as interacting with people specialized in engineering. The event, which started with the opening speech of IGU Computer Engineering student 20th BİLMÖK Organizing Committee President Bahadır Duman, continued with the main theme of "Information Technologies of the Future". Many topics such as "Past, Today and Tomorrow of Computers", "Artificial Intelligence and its Future", "Multilingual Strategies in Internet Software" were discussed by experts in their fields. Vice Rectors Prof. Dr. Necmettin Maraşlı, Prof. Dr. Nuri Kuruoğlu and Prof. Dr. Arda Öztürkcan participated in the event.

“WE REPRESENT TODAY'S MOST UP-TO-DATE, VOLATILE AND DYNAMIC DISCIPLINE”

Arif Cevizci, Vice Chairman of the Board of Directors of the Chamber of Computer Engineers, stated the following: "It is so meaningful organization. I would like to thank my young colleague candidates who organized this organization and my esteemed teachers and Istanbul Gelisim University for their support. We represent today's most up-to-date, volatile and dynamic discipline. 8 of the 10 most valuable companies in the world are IT companies. Nine out of the 10 richest people in the world are software developers. Tomorrow, perhaps, these will be 100 percent it specialists." While such a situation exists, there are extremely difficult, troublesome issues such as artificial intelligence, blockchain, autonomous devices, and security that we have to deal with. It is so nice for you, our colleague candidates, to address these issues."

“ADVANCES IN TECHNOLOGIES WILL CHANGE SCIENCE”

Stating that the congress is an important meeting point of the new generation of computer engineering, the Head of Computer Engineering Department of the Faculty of Engineering and Architecture, Prof. Dr. Abdulsamet Haşiloğlu said the following in his opening speech:

“It is clear that computer engineering and computational technologies are pushing the boundaries of science and technology and are taking scientific research, big data analysis, and complex problem-solving capabilities to new levels. Advances in these technologies have the potential to change the face of science for future generations and offer innovative solutions to the biggest, toughest problems facing humanity. As an area of constant innovation and change, computer engineering gives us the task of not only working with existing technologies, but also shaping future technologies. Hence, this congress is an important meeting point where we come together to develop new ideas and visions that will shape the future of computer engineering young generations.”



VISIT TO IGU FROM NOAKHALI UNIVERSITY OF SCIENCE AND TECHNOLOGY!

A meeting was held to discuss possible collaborations and projects between Bangladesh Noakhali Science and Technology University and Istanbul Gelisim University. IGU Vice Rector Prof. Dr. Arda Öztürkcan and Dean of the Faculty of Health Sciences Prof. Dr. Rifat Mutuş attended the meeting coordinated by the International Exchange and Cooperation Office (UDİO-K).

Moving forward with the vision of a "World University" with its national and international standards, IGU continues to develop qualified projects and collaborations. In this context, Prof. Dr. Atiqur Rahman Bhuiyan and International Cooperation Officer Abu Zubair from Bangladesh Noakhali University of Science and Technology visited IGU to discuss possible collaborations and projects that can be realized with the Faculty of Health Sciences. The meeting, which started with the presentation introducing IGU by UDİO-K, continued with the presentation of Noakhali Science and Technology University International Cooperation Officer Abu Zubair. Zubair gave information about the economic, cultural and social structure of Bangladesh and the faculties and departments of its universities. While the potential collaborations and joint studies that may occur between IGU Faculty of Health Sciences and Noakhali Science and Technology University are being evaluated, it was stated that an agreement will be signed soon.