

# Directorate of Education and the Distance Education Application and Research Center-2023



## IZTECH High School Science Camp "3.0"

The IZTECH High School Science Camp "3.0" invites the university students of the future to an exciting educational festival at Turkiye's only technology institute. Taking place from July 17 to 28, 2023 (excluding weekends), the camp offers workshops aligned with 21st-century skills under the themes of Science, Technology, Art, and Sports.

For detailed information, including the application form, course content, modules, and extracurricular activities, please visit [iytelisebilimkampi.iyte.edu.tr](http://iytelisebilimkampi.iyte.edu.tr) starting from Monday, May 29, 2023.





## IZTECH Best Course Design Awards to Meet Their Recipients Once Again

Organized for the second time through the collaboration between our institute's Directorate of Education and the Distance Education Application and Research Center, the "IZTECH Best Course Design Awards" will once again honor outstanding course designs this year.

The evaluation of applications will be completed in July, after which the awarded courses will be announced. The award application guide and related documents have been sent to you via email.



GDANSK UNIVERSITY OF TECHNOLOGY | FACULTY OF APPLIED PHYSICS AND MATHEMATICS

Staff PhD Studies Graduates Local Society

PL EN

FTIMS / ScienceApp Project

## ScienceApp Project

Fundusze Europejskie Rzeczypospolita Polska NAV Unia Europejska

About the Project Summer Schools 2022 Winter Schools 2023

Summer Schools 2023 Venue Photogallery

Information contact: justyna.szostak@pg.edu.pl + 48 58 347 20 22

## Hybrid Summer Schools in Collaboration with Gdansk University of Technology

Within the scope of our educational cooperation protocol with Gdansk University of Technology, you can participate in the hybrid summer schools listed below free of charge. The application deadline has been extended for IZTECH students, and you may submit your scholarship requests for physical participation at the link below:

<https://ftims.pg.edu.pl/en/science-app>

For your information.

### Course List:

- **PHOTOMOL** - Molecular photosensitizers for solar energy conversion in the liquid phase: Theoretical and experimental methods to assess and optimize their properties.
- **Multi-Scale Methods** - Multi-scale multi-electron simulations.
- **TopDynSystAction** - Topology and Dynamical Systems in Action.



EĞİTİM PLANI DESTEKLEYİCİ ALAN DERSİNİN MÜFREDATLARA SEÇMELİ DERS OLARAK EKLENMESİ						
Fakülte	Bölüm	Ders Kodu	Ders Adı	Kredi	AKTS	Dersi Veren Öğretim Görevlisi
Mimarlık Fakültesi	Mimarlık	AR 449	Eğitim Planı Destekleyici Alan Dersi Supplementary Curricular Courses	{3+0}3	4	Doç.Dr. ZEYNEP DURMUŞ ARSAN
Mimarlık Fakültesi	Şehir ve Bölge Planlama	CP 408	Eğitim Planı Destekleyici Alan Dersi Supplementary Curricular Courses	{3+0}3	4	Öğr.Gör.Dr. SEMA DOĞAN
Mimarlık Fakültesi	Endüstriyel Tasarım	ID 349	Eğitim Planı Destekleyici Alan Dersi Supplementary Curricular Courses	{3+0}3	5	Dr.Öğr.Uyesi BAHAR EMİN ŞAVK
Fen Fakültesi	Fotonik	PHOT 450	Eğitim Planı Destekleyici Alan Dersi Supplementary Curricular Courses	{3+0}3	5	Prof. Dr. CANAN VARLIKLI
Fen Fakültesi	Moleküler Biyoloji ve Genetik	MBG 498	Eğitim Planı Destekleyici Alan Dersi Supplementary Curricular Courses	{0+6}3	5	Prof. Dr. HATİCE GÜNEŞ ÖZHAN
Fen Fakültesi	Fizik	PHYS 498	Eğitim Planı Destekleyici Alan Dersi Supplementary Curricular Courses	{3+0}3	6	Prof. Dr. ALEV DEVİRİM GÜÇLÜ
Fen Fakültesi	Kimya	CHEM 488	Eğitim Planı Destekleyici Alan Dersi Supplementary Curricular Courses	{3+0}3	5	Prof.Dr. GÜLŞAH Ş. MOHAMED
Fen Fakültesi	Matematik	MATH 446	Eğitim Planı Destekleyici Alan Dersi Supplementary Curricular Courses	{3+0}3	6	Prof. Dr. GAMZE TANOĞLU
Mühendislik Fakültesi	Bilgisayar Mühendisliği	CENG 491	Eğitim Planı Destekleyici Alan Dersi Supplementary Curricular Courses	{3+0}3	5	Dç. Dr. Tolga AYAV
Mühendislik Fakültesi	Biyomühendislik	BE 497	Eğitim Planı Destekleyici Alan Dersi Supplementary Curricular Courses	{0+6}3	6	Prof. Dr. Engin ÖZİVİCİ
Mühendislik Fakültesi	Gıda Mühendisliği	FE 425	Eğitim Planı Destekleyici Alan Dersi Supplementary Curricular Courses	{3+0}3	5	Dç. Dr. Efe SEZGIN
Mühendislik Fakültesi	Kimya Mühendisliği	CHE 490	Eğitim Planı Destekleyici Alan Dersi Supplementary Curricular Courses	{3+0}3	3	Prof. Dr. Aysun SOFUOĞLU
Mühendislik Fakültesi	Makine Mühendisliği	ME498	Eğitim Planı Destekleyici Alan Dersi Supplementary Curricular Courses	{3+0}3	5	Dr. Öğr. Üyesi Şenay MİHÇİN
Mühendislik Fakültesi	Elektrik-Elektronik Mühendisliği	EE 445	Eğitim Planı Destekleyici Alan Dersi Supplementary Curricular Courses	{3+0}3	6	Prof. Dr. Mustafa Aziz ALTINKAYA
Mühendislik Fakültesi	Malzeme Bilimi ve Mühendisliği	MSE 489	Eğitim Planı Destekleyici Alan Dersi Supplementary Curricular Courses	{3+0}3	5	Doktor MERTOL GÖKELMA
Mühendislik Fakültesi	İnşaat Mühendisliği	CE 446	Eğitim Planı Destekleyici Alan Dersi Supplementary Curricular Courses	{3+0}3	5	Dr. Öğr. Üyesi Tolga ERCAN
Mühendislik Fakültesi	Enerji Sistemleri Mühendisliği	ESE498	Eğitim Planı Destekleyici Alan Dersi Supplementary Curricular Courses	{3+0}3	5	Dr. Öğr. Üyesi Başak ÇAĞLAR
Mühendislik Fakültesi	Çevre Mühendisliği	ENV491	Eğitim Planı Destekleyici Alan Dersi Supplementary Curricular Courses	{3+0}3	4	Dr. Öğr. Üyesi Alper BAYRAKDA

## Supportive Field Courses for Our Students: A Strong Academic Foundation

The course code, local credit, and ECTS values for the Supplementary Curricular Course have been determined, and its inclusion in the list of technical electives for departments has been approved by our Institute's Senate.

You can access a video with detailed information about the Supplementary Curricular Course at the following link: <https://www.youtube.com/watch?v=VrYJLaP1yD8&t=2s>

For your information.



# ONLINE FLIPPED LEARNING FOR ENGINEERING STUDENTS

## AUTHORS

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## Innovative Teaching Methods Research on Online Flipped Learning at ECE2023

This year, Dr. Sinem Bezircilioğlu, Director of IZTECH School of Foreign Languages, participated in the "The European Conference on Education (ECE2023)" with a presentation titled "Online Flipped Learning for Engineering Students." This research, conducted jointly with Dr. Ozan Raşit Yürüm, Lecturer at the Distance Education Center (UZEM), was presented through UZEM studios for the conference.

The study focuses on the effects of the "Online Flipped Learning" method, applied in the "ENG 302 Technical Writing & Communication" course, on students' anxiety and self-efficacy levels regarding their English course. Findings indicate that this method not only reduces anxiety but also positively influences the self-efficacy of participating students.

To watch the full presentation, please visit the following link:

<https://submit.iafor.org/submission/submission72698/>





## IZTECH Children's University Completes Second Sustainable Education Concept Program

The second phase of IZTECH Children's University's Sustainable Education Concept was held on our campus from August 21 to 25, 2023. A total of 50 students participated in the program, which included 10 workshops and a 44-hour training module. In addition to science and technology courses such as Software, Game Design, Cartoon Design, Algorithmic Foundations of Cities, Visual Data Analysis, and Math and Games, the module also featured sports and arts activities like obstacle course games and Zumba.

The program concluded with a closing speech by Vice Rector and Center Director Prof. Dr. Gamze Tanoğlu, followed by a certificate ceremony. In September, weekend workshops and a 5-month training program in Robotics and Game Software will begin under the leadership of ÇUAM Director Utku Kara.

For updates on upcoming events, please visit this link:

<https://instagram.com/iytecocukuniversitesiofficial?igshid=NjIwNzIyMDk2Mg==>





## Report from the IX. Educational Workshop on "Artificial Intelligence in Education" Published

The report created as a result of the IX. Educational Workshop on "Artificial Intelligence in Education," organized by the IZTECH Directorate of Education and the Distance Education Application and Research Center in the 2023-2024 Fall Semester, has been compiled into a book.

You can access the book and video recordings here:

<https://egitim.iyte.edu.tr/egitim-calistaylari/>

We would like to thank everyone who contributed





DUYURU

2022-2023 Eğitim Öğretim Döneminde Mimarlık Fakültesi  
Şehir ve Bölge Planlama Bölümünden mezun olan  
öğrencimiz Nazmiye KÜÇÜK, Toplumsal Farkındalık ve  
Liderlik Belgesini lisans eğitimi süresince katıldığı etkinlikleri  
belgeleyerek ve en yüksek puanı alarak Rektörün listesine  
girmeye hak kazanmıştır.



Öğrencimizi tebrik eder başarılarının devamını dileriz.

[egitim.iyte.edu.tr](http://egitim.iyte.edu.tr)

## Social Awareness and Leadership Certificates Awarded to Graduating Students

The applications for the 2022-2023 Academic Year were evaluated by the Social Awareness and Leadership Certificate Commission. The certificates for the graduating students who were awarded the Social Awareness and Leadership Certificate were signed by our Vice Rector, Prof. Dr. Gamze TANOĞLU.

4 QUALITY  
EDUCATION





## IZTECH Children's University Starts Weekend Workshops on October 14, 2023

The weekend workshops at IZTECH Children's University started on October 14, 2023. All students who supported these workshops are thanked for their contributions.



**İYTE IX. EĞİTİM ÇALIŞTAYI**  
“Eğitimde Yapay Zeka”  
**29 Eylül 2023**  
ONLINE  
**PROGRAM**

10.30	Prof. Dr. Sacide Alsoy Altınkaya Moderatör	Sunuş
10.40	Prof. Dr. Yusuf Baran Rektör	Açış Konuşması
10.50	Doç. Dr. Gülşah Taşçı 29 Mayıs Üniversitesi	“Yükseköğretimde Yapay Zeka”
12.00	Ara	
13.50	Prof. Dr. Gamze Tanoğlu Moderatör	Sunuş
14.00	Prof. Dr. Acar Savacı İYTE	“Bilişsel Süreçlerin Modellenmesinde Yapay Sınır Ağları: Bir Sınır Hücresinin Davranışından Sınır Hücreleri Topluluklarının Dinamiklerine Hızlı Bir Bakış”
15.00	Dr. Öğretim Üyesi Berk Ekici İYTE	“Mimarlıkta Yapay Zeka”
16.00	Dr. Öğretim Üyesi Ozan Ustuk	Yılın Tasarım Ödülü Sunumu
16.30	Kapanış	

**EKİP KODU**  
**bj3ukgw**

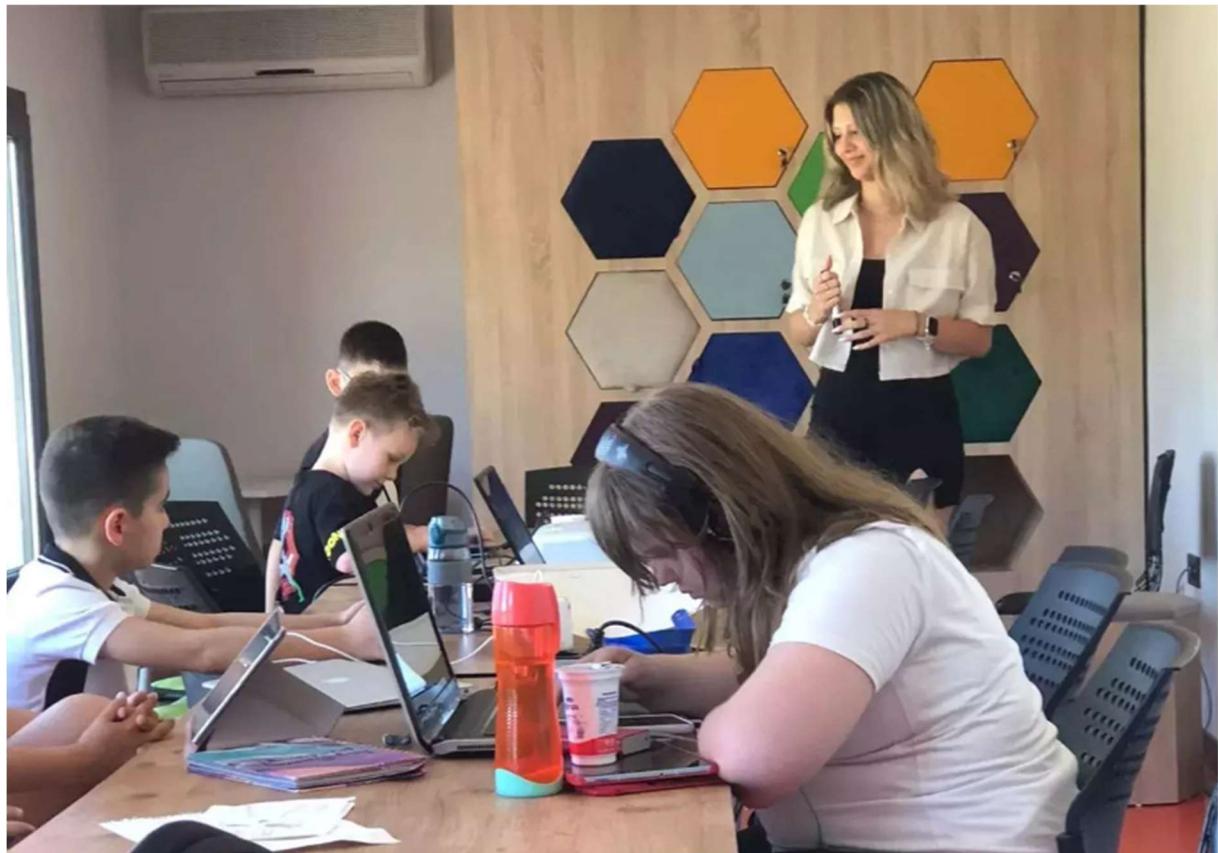
<https://tinyurl.com/33f47vp4>



## IX. Education Workshop Organized by the IZTECH Education Directorate

The IX. Education Workshop, organized by the IZTECH Education Directorate, will be held on September 29, 2023, in an online format.





## Weekend Activities Organized by IZTECH Children's University

The weekend activities, organized by IZTECH Children's University on June 10-11, 2023, included training sessions on "Introduction to Programming with Python, Arduino Robotics and Software, Space Physics, Introduction to Drawing Techniques, Biological Systems, and Digital Game 3D Character Design."

We would like to thank the event coordinator Arjin Budak, and our trainers Ekin Çınardalı, Naz Kazar, Gökhan Karahanoğulları, and Yaren Adalıoğlu for their contributions to the program.



**İYTE VIII. EĞİTİM ÇALIŞTAYI**  
"Afet Durumlarında Sürdürülebilir Eğitim"  
**24 Mart 2023**  
ONLINE

## PROGRAM

10.00	Prof. Dr. Sacide A. Altınkaya (Eğitim Komisyonu Başkanı)	Sunuş
10.10	Prof. Dr. Gamze Tanoğlu (Rektör Yardımcısı)	Açış Konuşması
10.20	Prof. Dr. Sondan Durukanoğlu Feyiz (Kadir Has Üniversitesi Rektörü)	"Üniversite Eğitimine Farklı Bir Bakış: Kadir Has Üniversitesi Örneği" Moderatör: Yasemin Özcan Gönülal
11.15	Doç. Dr. Altuğ Kasalı	"Depremler Sonrası Mimarlık Eğitiminde Dönüşüm" Moderatör: Doç. Dr. Tonguç Akış
12.00	ARA	
14.00	Gizem Şahan (Psikolog)	"Afet Sonrası Dönemde Psikososyal Destek" Moderatör: Doç. Dr. Dikmen Yakalı
15.00	Doç. Dr. Zümrüt Gedik (İKÇÜ Psikoloji Bölümü Öğr. Üyesi)	"Afet Sonrası Dönemde Eğitim Süreci" Moderatör: Doç. Dr. Dikmen Yakalı
16.30	KAPANIŞ	

## The VIIIth Educational Workshop on "Sustainable Education in Disaster Situations" Was Held

The VIIIth Educational Workshop, organized by the IZTECH Education Commission, was held Online on March 24, 2023. The workshop focused on the theme "Sustainable Education in Disaster Situations."

The event brought together participants from various backgrounds to explore strategies for maintaining educational sustainability during disaster events, with an emphasis on the latest research, methodologies, and practical solutions. All IZTECH members were invited to join and engage in this important discussion.

The event successfully fostered a collaborative environment for knowledge exchange and learning.





## IZTECH 2nd Annual Children's Festival

On the Sunday following April 23 National Sovereignty and Children's Day, we celebrated the 2nd Annual Children's Festival with excitement on the IZTECH campus.

Children and families enjoyed a fun day with over 30 workshops organized by student clubs and the Children's Application and Research Center. Science-themed activities introduced them to fields like Photonics, Chemistry, Sustainability, Robotics, and Coding, while art activities like drawing, mask-making, and music nurtured creativity. Teamwork and physical strength were emphasized through activities like kite flying, tug-of-war, and sports.

We appreciate our students' contributions to creating a memorable festival, showing their dedication to improving the world through science, art, and sports.

