



ISTANBUL
GELISIM
UNIVERSITY

Istanbul

GELISIM

University

The Faculty of Engineering and Architecture

Monthly Press Release

December 2021

ISSUE 12



www.gelisim.edu.tr

SCIENTIFIC STUDIES AT OUR FACULTY

- The article entitled " Twitter Üzerindeki Finansal Tweetlerin LSTM Sinir Ağı Algoritması ile Duygu Analizi" (Sentiment Analysis with LSTM Neural Network Algorithm of Tweets) was published in the journal "Veri Bilimi" (Data Science) by the authors, our graduate student Computer Engineer Hakan YUSUFOĞLU, together with R. Engineer Ali ÇETİNKAYA from IGU Technology and Transfer Office and **Dr. Hakan AYDIN**, Head of the Department of Computer Engineering.

<https://dergipark.org.tr/tr/pub/veri/issue/67424>

- We are happy to share with you the article entitled "Password Attack Analysis Over Honeypot Using Machine Learning Password Attack Analysis" written by Computer Engineer Hatice Beyza Taşçı and Birkan ALHAN, 2021 Graduates of Istanbul Gelişim University, Department of Computer Engineering, together with Computer Engineering **Res. Assist. Mehmet Ali Barışkan** and Software Engineering Head of Department **Dr. Serkan Gönen** which is published in Turkish Journal of Mathematics and Computer Science magazine, and we wish our graduates continued success. [Click](#) to access the article.

Computer Engineering



- A paper entitled "LED Selection Algorithm for Indoor Li-Fi Systems" was presented at the International Conference on Advances in Engineering, Architecture, Science and Technology (ICA-EAST 2021) by **Res. Assist. Ahmet Fetullah YILMAZ**, a member of Department of Electrical and Electronics Engineering.

- A member of our department, **Res. Asst. Kubilay ATAŞ**, our former department member Res. Asst. Atakan KAYA and Head of the Department of Avionics, Faculty of Applied Sciences, **Assoc. Dr. Indrit MYDERRIZI**'s article entitled "Yapay Sinir Ağı Tabanlı Model ile X-ray Görüntülerinden Covid-19 Teşhisi" (Covid-19 Diagnosis from X-ray Images with Artificial Neural Network Based Model) were published as an early view in the Journal of Polytechnic.

<https://doi.org/10.2339/politeknik.861536>

Electrical-Electronics Engineering



- Head of Industrial Engineering Department **Prof. Dr. Tarık ÇAKAR**'s article titled "Neurotic Fuzzy-Data-Envelopment Analysis to Forecast Efficiency of Bank Branches" was published in the journal "TEM Journal - Technology, Education, Management, Informatics" between pages 1751-1760.
- A member of our department, **Res. Assist. Nurdan Tüysüz**'s articles entitled "CODAS method using Z-fuzzy numbers" and "Evaluating social sustainable development factors using multi-experts Z-fuzzy AHP" with the index of SCOPUS Q2 (50%- 74, second tranche) were awarded with publication incentive.

Industrial Engineering



- The conference paper entitled "Static Response of Steel Beams with Rectangular Web Openings" was presented by Head of Civil Engineering Department **Assist. Prof. Dr. Ahmad Reshad NOORI** and **Res. Assist. Fahrettin KURAN**, at the International Conference on Engineering Technologies organized by Selçuk University.
- The conference paper entitled "Strength Behavior of Geopolymer Based SIFCON with Different Fibers" was presented by **Assist. Prof. Dr. Mukhallad AL-MASHHADANI**, at the International Conference on Applied Engineering and Natural Sciences.
- A conference paper entitled "Compressive Strength Evaluation of Pumice Based Concretes Produced with Mineral Admixtures" was presented by **Assist. Prof. Dr. Anil NIŞ**, one of our department members, and Taha Salah Wahhab AL-ANTAKI, a doctoral student, at the ACE 2020-21, 14th International Congress on Advances in Civil Engineering held at Yıldız Technical University.
- A conference paper entitled "Investigation of Parameters on the Fragility Response of Existing Buildings According to Different Seismic Codes" was presented by **Res. Assist. Fahrettin KURAN**, at the ACE 2020-21 14th International Congress on Advances in Civil Engineering held at Yıldız Technical University,
- A conference paper entitled "Seismic The paper titled "Performance Evaluation Of Rc Buildings According to Different Earthquake Codes" was was presented by **Res. Assist. Fahrettin KURAN** at the 6th International Conference on Earthquake Engineering and Seismology held in Gebze.

Civil Engineering



- We are happy to share with you the article written by Computer Engineer Hatice Beyza Taşçı and Birkan ALHAN, 2021 Graduates of Istanbul Gelişim University Computer Engineering Department, together with Computer Engineering **Res. Assist. Mehmet Ali Barışkan** and Head of Department of Software Engineering **Dr. Serkan Gönen** entitled “Password Attack Analysis Over Honeypot Using Machine Learning Password Attack Analysis” published in Turkish Journal of Mathematics and Computer Science magazine, and wish our graduates continued success. [Click](#) to access the article.

Software Engineering



THE NEWS FROM DEPARTMENTS

Computer Engineering

- We Met with High School Students at the event: What Does a Computer Engineer Do?/ Do not?



In the event, information was given about the profession of Computer Engineering. Information training was given to the students about what the profession is and what it is not, what subjects it includes, and what the fields of study are.

- Project Preparation and Teknofest Process-Interview

İSTANBUL
GELİSİM
ÜNİVERSİTESİ

İGÜ SİKS Söyleşi

**PROJE HAZIRLAMA VE
TEKNOFEST SÜRECİ**

Katılımcılar

İGÜ TTO-Mekatronik Müh. Furkan YILMAZ
Arş. Gör. Abdullah Can AL

Mekatronik Müh. Bölümü Öğrencileri
Ahmet Faruk GÖRMÜŞ ve Taylan KARASOY

TEKNOFEST
İSTANBUL GELİSİM ÜNİVERSİTESİ

gelisim.edu.tr

22 Aralık 2021 12.30-14.00 E Blok Tusi Konferans Salonu(265)
Çarşamba

On Wednesday, December 22, at 12:30, a conversation called "Project Preparation and Teknofest Process" was held with the participation of Furkan YILMAZ, a Mechatronics Engineer from Istanbul Gelişim University Technology Transfer Office, Res. Assist Abdullah Can AL, Mechatronics Engineering Department students Ahmet Faruk GÖRMÜŞ and Taylan KARASOY.

Electrical and Electronics Engineering

- On December 3, at the event organized by the Electrical and Electronics Engineers Club, Prof. Dr. Ali OKATAN talked about 'The Past, Present and Future of Engineering'.

ISTANBUL
GELİŞİM
ÜNİVERSİTESİ

SİKS

Online Söyleşi

**MÜHENDİSLİĞİN
DÜNÜ, BUGÜNÜ VE GELECEĞİ**

Konuşmacı
Prof. Dr. Ali OKATAN

3 Aralık 2021 12.00-13.30
Cuma

gelisim.edu.tr

Google Meet
meet.google.com/pfd-hpba-tsh

Industrial Engineering

- Industrial Engineering Department Board was held on Dec 21, 2021, chaired by Prof Dr Tarık Çakar, to discuss Departmental Elective courses to be added to the Education Plan in 2021-2022 Spring Semester within the framework of continuous improvement studies.
-
- Our faculty member Research Assistant Nurdan Tüysüz's grandfather has passed away in Dec 1, 2021. As Industrial Engineering Department, we extend our deepest condolences to our member and her family.

Civil Engineering

- Dr Anil NIŞ, one of our faculty members, has been awarded the title of Associate Professor. Congratulations to our faculty member.

Mechatronics Engineering

- An interview called "Project Preparation and Teknofest Process" was held at 12:30 on Wednesday, December 22, 2021, with the participation of Furkan YILMAZ, Mechatronics Engineer from Istanbul Gelisim University Technology Transfer Office, Research Assistant Abdullah Can AL and Mechatronics Engineering Department students Ahmet Faruk GORMUS and Taylan KARASOY.



- On Wednesday, December 29, at 16:00, a seminar called "Excel Initial Training with Armağan AKBAY" was held with the participation of Mr. Armağan AKBAY.

Architecture

- The online event is held on Wednesday, December 2, 2021, at 20.00, with the participation of Interior Architect and Structural Biologist And Akman, under the title of “Architectural Interview with And AKMAN”.



Architectural Interview with And AKMAN

- The second of the Architectural Talks event series, is held online under the title of “Documentary Watching Event” with the participation of Lecturer Eda ARISOY ve Assist.Prof. Dr. Kıymet Pınar Kırkık AYDEMİR on Saturday, December 4, at 13.00-17.00.



Documentary Watching Event

- The third of the Architectural Conversations series took place online on Wednesday, December 15 at 15.00 with the participation of FGA Mimarlık under the title of “Computer Aided Program Education”.



Computer Aided Program Education

- The fourth of the Architectural Talks event series is planned On Wednesday, December 22, between 13.00-15.00, to be held face-to-face under the title of “Interview with Doğan Hasol” with the participation of Doğan HASOL, one of the veteran names of Turkish architecture. However, the event was canceled due to health problems.



Conversation with Doğan Hasol

- The fifth of the Architectural Conversations series took place face to face on Friday, December 24 at 13.00-15.00 with by Rotofrank Turkey by Technical Manager Yusuf Arabacı and Marketing - Corporate Communications Officer Fulya Çelebi İlaslan under the title of “Hardware that Removes Limits in Design”. The conversation is held at the E Block Conference Hall.

İSTANBUL GELİŞİM ÜNİVERSİTESİ

Seminer

ROTO FRANK TÜRKİYE İLE
TASARIMDA SINIRLARI KALDIRAN DONANIMLAR

Konuşmacı
Fulya Çelebi İlaslan
Pazarlama ve Kurumsal İletişim Sorumlusu

Konuşmacı
Yusuf Arabacı
Teknik Müdür

24 Aralık 2021
Cuma

13.00-15.00

E BLOK TUSİ KONFERANS SALONU(265)

gelisim.edu.tr

Hardware that Removes Limits in Design

- **Seminar of the Use of BIM in Historical Environment**

One of the members of the Department of Architecture, Assoc. Prof. Türkan UZUN gave a speech entitled “The Use of BIM in Historical Environment” as an invited speaker of Malatya Turgut Özal University on December 04, 2021 at 18:00. The speech was available on Turgut Özal University YouTube channel.

Malatya Turgut Özal Üniversitesi
Lisansüstü Eğitim Enstitüsü - Enformatik Anabilim Dalı

BIM (Bina Bilgi Modeli) SEMİNERLERİ
ENF103-2021 Seminer I Dersi Kapsamında

Moderatör Dr. Öğr. Üyesi Ebru Doğan

04 Aralık 2021 Saat: 18.00

Davetli Konuşmacı

04 Aralık 2021 Saat: 18.00



Tarihi Çevrede BIM Kullanımı

“Seminerimizde bu hafta, Kıymetli Doç. Dr. Türkan İrgin UZUN hocamız bizlere tarihi sit alanlarındaki örnekler üzerinden BIM’in kullanımını konusunda bilgilerinizi paylaşacak.”

Doç. Dr. Türkan İrgin UZUN
İstanbul Gelişim Üni.

Etkinlik “Malatya Turgut Özal Üniversitesi” Youtube Sayfasından
Canlı Yayınlanacaktır.

The Use of BIM in Historical Environment

- Member of our department Dr. Mahmud ZİN ALABADİN received the Fondazione Santagata AWARD with the project “Aleppo. Yesterday, today, tomorrow”. This Project was supported by YTU TAMIR Historical Heritage Conservation Application and Research Center, “The Fondazione Santagata”; event organized in partnership with ROME and Sapienza University.

The context in which the project is developed is the city of Aleppo, scenario of continuous conflicts and serious attacks that have deeply affected the urban and historical buildings of the city. The project collected engineering schemes and models of Aleppo’s historic buildings, redesigning them with a group of volunteer students, in order to document the damage that affected the structures and to identify possible restoration, protection and conservation actions of the city’s artistic and cultural heritage.



Aeronautical Engineering

James Webb: 'The most powerful telescope' sent into space

10 billion \$ James Webb will replace the Hubble Space Telescope.

The James Webb Telescope, developed by NASA's joint project with the European and Canadian space agencies, is planned to replace the Hubble Space Telescope, which has been orbiting the Earth since 1990.

Owing to its advanced optical equipment, the infrared telescope will be able to examine the state of the universe 200 million years after the "Big Bang", which caused the creation of the universe approximately 13.7 billion years ago.

The telescope was launched with the Ariane rocket from French Guiana, off the northeast coast of South America. The actual launch date of the telescope was set for 2019, but due to some errors, the launch was delayed to 2021.



PROTECTION AGAINST VIRUS IS IN OUR HANDS



THE MOUTH AND NOSE SHOULD BE CLOSED WITH PAPER TOWEL DURING COUGHING AND SNEEZE. IF YOU DO NOT HAVE ANY WIPE, THE INSIDE OF THE ELBOW SHOULD BE USED.



CLOSE CONTACT SHOULD AVOID LIKE HANDSHAKE AND HUGGING.



IT SHOULD BE STAYED AWAY FROM CROWDED ENVIRONMENTS.



DO NOT TOUCH THE MOUTH, NOSE AND EYES WITH DIRTY HANDS.



HANDS MUST BE WASHED WITH WATER AND NORMAL SOAP FOR AT LEAST 20 SECONDS.



ALCOHOL CONTENT HAND ANTISEPTICS SHOULD BE USED IN CASE OF THERE IS NO WATER AND SOAP.


/SaglikBakanligi

saglik.gov.tr

For Detailed Information,
Please Read QR Code.



www.gelisim.edu.tr



www.gelisim.edu.tr

[f gelisimedu](#) [t gelisimedu](#) [@ igugelisim](#)