



ISTANBUL
GELISIM
UNIVERSITY

Istanbul

GELISIM

University

The Faculty of Engineering and Architecture

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SCIENTIFIC STUDIES AT OUR FACULTY

- The articles entitled " Gender Detection Via Voice Using Artificial Intelligence" and "A Novel Approach To Prevention Of Hello Flood Attack In IoT Using Machine Learning Algorithm" was presented online at International Conference on Artificial Intelligence and Applied Mathematics in Engineering (ICAIAME 2022; 20-21-22 May 2022 in Baku), by **Assist Prof. Dr. Serkan Gönen, Res. Assist. Mehmet Ali BARIŞKAN** and our graduate student **Birkan ALHAN**. Assist Prof. Dr. Serkan Gönen was a member of committee in the conference, as a moderator.
- The article entitled "A novel approach to continuous CVE analysis on enterprise operating systems for system vulnerability assessment" by **Assist Prof. Dr. Serkan Gönen, Res. Assist. Mehmet Ali BARIŞKAN** and Computer Engineering Student Yusuf KOCAMAN, was published in the International Journal of Information Technology.

Computer Engineering



- The article entitled "Prediction of Wear Rates of UHMWPE Bearing in Hip Joint Prosthesis with Support Vector Model and Grey Wolf Optimization" by **Assist. Prof. Ahmed Amin Ahmed SOLYMAN**, has been published.
- The article entitled "A New Feature Selection Method Based on Hybrid Approach for Colorectal Cancer Histology Classification" by **Assist. Prof. Ahmed Amin Ahmed SOLYMAN**, has been published.

Electrical-Electronics Engineering



- Our faculty member, **Prof. Dr. Mustafa KARAŞAHİN** made a presentation on "The Effect of High Speed Train Projects on Sustainability" at the "Rail Industry Show" workshop held in Eskişehir between 10-12 May 2022.
- The article titled "Residual mechanical performance of lightweight fiber-reinforced geopolymer mortar composites incorporating expanded clay after elevated temperatures" prepared and written by one of our department academic members, **Assoc. Prof. Dr Anil NİŞ** was published in the SCI Journal of Composite Materials.
- The chapter book titled "Research of Alternative Ecological Waste Materials Used in Geopolymers for Sustainable Built Environments" authored by our department academic member **Assist. Prof. Dr Yosra TAMMAM** is published in the international book "Urban Sustainability and Energy Management of Cities for Improved Health and Well-Being".
- The chapter books titled "Introduction and Overview: Structural control and Tuned Mass Dampers" and "Optimum Tuning of Active Mass Dampers via Metaheuristics" authored by our department member **Assist. Prof. Dr Aylin Ece KAYABEKİR** are published in the Springer press international book of "Optimization of Tuned Mass Dampers-Using Active and Passive Control".

Civil Engineering



- The paper entitled "Plasma Technology in Production Chain from Seed to Spoon for Enhancement of Plant Growth and Agricultural Yield of Tea" by **Assist Prof Dr Kenan ŞENTÜRK** and his colleagues was presented on "International Tea Congress-Industrial, Cultural and Economic Dimensions" between 13-15 May, 2022 /at Lenkeran State University - Lenkeran, Azerbaijan.

Mechatronics Engineering



- Assist.Prof.Dr. İlke CİRİTCİ made an oral presentation titled 'Istanbul's New Walls' at the 7th International Congress on Architecture and Design held on April 29-30.



7th International Congress on Architecture and Design Poster

- Prof. Dr. Şule KARAASLAN, gave an oral presentation at the 1st International Conference on Engineering and Applied Natural Sciences ICEANS 2022 held in Konya on 10-13 May 2022.



Architecture

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Software Engineering



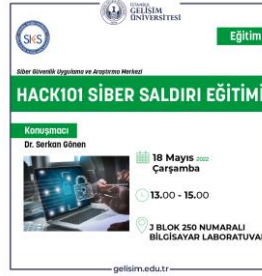
THE NEWS FROM DEPARTMENTS

Computer Engineering

- Bilisim@Gelisim'22 event was held on 23 May 2022 in partnership with Cyber Security and Young Software Developers Clubs and SGUAM.



- Hack 101 cyber security lessons continue.



- Introduction of our department was held by our president Prof. Dr. Cemalettin Kubat, at Kartaltepe Multi-Program Anatolian High School.



- Introduction of our department was held by our president Prof. Dr. Cemalettin Kubat, at Sinav Anatolian High School.



- . We hosted the Kultur High School in our department with our president Prof. Dr. Cemalettin Kubat.



Electrical and Electronics Engineering

- Assist. Prof. Sevcan KAHRAMAN have given lectures at Macedonia International Vision University within the scope of Erasmus+ staff teaching mobility.



Industrial Engineering

- The Department Board of Industrial Engineering convened on May 5, 2022 under the chairmanship of Tarık ÇAKAR, Head of Department, in order to discuss the opening of the Industrial Engineering Thesis/Non-Thesis Master's Program.
- After the external stakeholder meeting held on March 25, 2022, Dr. Instructor Member Didem Yılmaz visited the institution where Volkan Akar, a graduate of our external stakeholder department, works on May 16, 2022. In these meetings, ideas were exchanged on university-industry cooperation. In addition, the expectations of the industry from the students who graduated from Istanbul Gelişim University Industrial Engineering were discussed.



Civil Engineering

- Within the scope of Erasmus+ Teaching Mobility Program, faculty member Assoc. Dr. Veselin Slavchev from VSU-Lyuben Karavelov University and Assoc. Dr. Cvetanka VELKOSKA from International Vision University have visited our department.



- A seminar was given by our PhD Student, Civil Engineer Kerem SAVAŞ, on the Public Procurement Law No. 4734.



- A seminar “on Sustainability in the Construction Sector in the 21st Century” was given by our Ph.D. Student, Civil Engineer Msc Zaid Adil Abdulsahib AL-QAZZAZ.



- Meetings were held with the participation of our undergraduate and graduate students.



Architecture

- Organized by TMMOB Chamber of Architects every two years, this year XVIII. The winners of the National Architecture Exhibition and Awards, held in the period of Sevinç Hadi's "Architect Sinan Grand Prize", Leman Tomsu's Commemoration Program, Zeynep Ahunbay and Aykut Köksal's "Contribution to Architecture Award", Yıldız Sey and Architecture for Everyone's "Contribution to Architecture Selection Committee Special Award" in the program where the value is seen; The awards in the branches of structure, project and presentation of ideas were announced at the ceremony held in Cermodern on Friday, April 15, 2022.
- One of our faculty members, Assist.Prof.Dr. Erdem ÜNGÜR and Lecturer Elif TAN, was founded in 2011 by volunteer students and professionals, and continues to work, in the words of its executives, to "set examples for an architecture that cares for the benefit of society" and "to encourage architectural actors to take initiative in solving social problems". We congratulate the Architecture for All Association and wish them continued success.



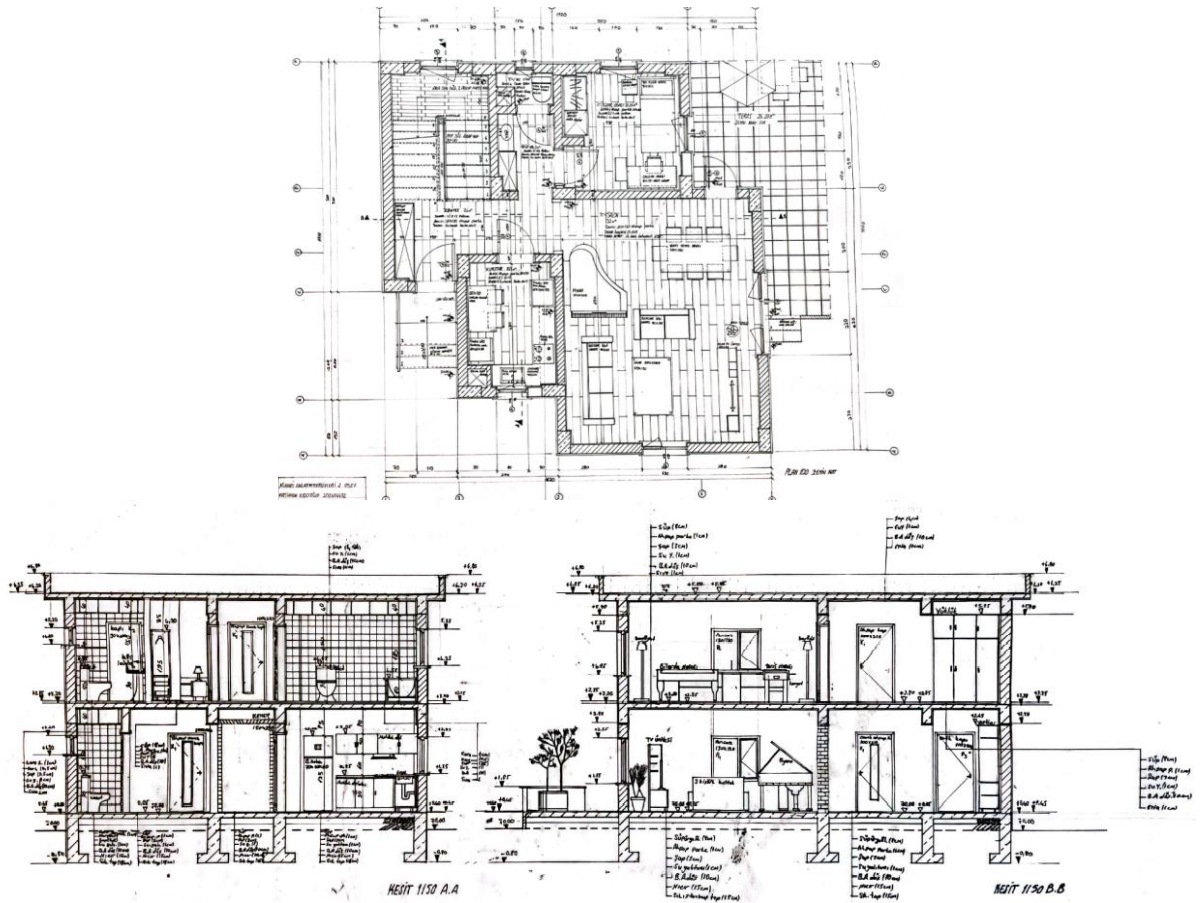
- Assoc. Dr. Türkan UZUN, within the scope of History of Architecture and Museum Architecture classes, organized a trip to Sancaklar Mosque designed by Emre AROLAT, and then to Büyükçekmece Bridge, one of the works of Mimar Sinan, on May 10. The Caravanserai of the Büyükçekmece Menzil Com the Magnificent, was also visited.





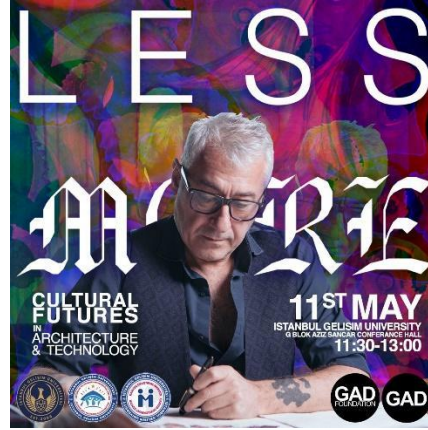
Sancaklar Mosque

- 1/50 (PLAN-2 SECTIONS-2 ELEVATIONS), 1/20 (PLAN-2 SECTIONS-2 ELEVATIONS), and 1/100 SITE PLAN among the 2-storey housing project works done by our Instructor BURAK KAAAN YILMAZSOY within the scope of his students' final submission in the Graphic Communication II Course.



Graphic Communication II Final Submission Samples

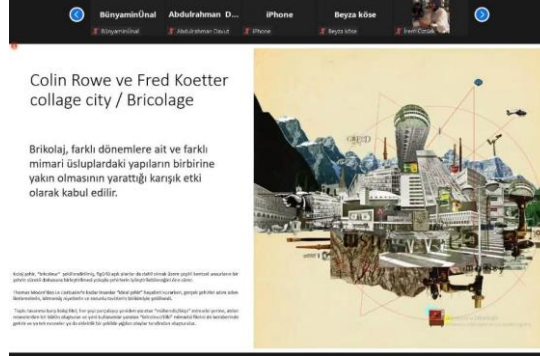
- Architect Gökhan Avcıoğlu, the founder of GAD Architecture, one of the leading groups in architectural project production, research and design, met with our students and alumni on Wednesday, 11 May at 11.30 am at the Aziz Sancar Conference Hall. He signed the newly released book "Less or More" and donated it to the library of Istanbul Gelişim University on behalf of the Department of Architecture.



- BURAK UZUN ARCHITECTURAL PRESENTATION TECHNIQUES WORKSHOP-Burak UZUN has presented special shading techniques for the presentation of the appearance of an architectural project via Autocad, how to make shading, the points to be considered while taking a printout, the tricks to be careful about pen thickness, the shading techniques related to photoshop and all. The results were compared in the two programs.



- BURSA CHAMBER OF CITY PLANNERS - URBAN IDENTITY, MEMORY AND CHANGE OF SPACE - Lecturer Burak Kaan Yılmazsoy's presentations were made with the invitation of Bursa Chamber of City Planners.



Urban Identity, Memory And Change Of Space

- DR CENK DERELİ PODCAST-In our podcast series started by our Architecture Club, an interview with Cenk Dereli about architecture was held online.



Cenk DERELİ Podcast

- İFFET KANIGÜR PODCAST - In our podcast series started by our Architecture Club, an interview with İffet Kanıgür on architecture was held at our university.



İffet KANIGÜR Podcast

- ARCHITECT – ENGINEER BÜLEND CEYLAN (CHAIRMAN OF THE ARCHITECTURE FOUNDATION)- In our podcast series started by our Architecture Club, an interview with Bülend Ceylan about architecture was held at the Architecture Foundation.



Bülend CEYLAN Podcast

- MIMAR KEVORK ÖZKARAGÖZ PODCAST- In our podcast series started by our Architecture Club, an interview with Kevork Özkaragöz about architecture was held in Kevork's own office. The Balyans study book, edited by the Balyan Family, was donated to the library of our University by Mr. Kevork



Kevok ÖZKARAKÖZ Podcast

- DR.ZEKİ ŞERİFOĞLU PODCAST - In our podcast series started by our Architecture Club, an interview with Zeki Şerifoğlu on architecture was held in his office.



Zeki ŞERİFOĞLU Podcast

- SPACE ABSTRACTION WORKSHOP ON LATİFE TEKİN - WORK ORGANIZED BY THE LITERATURE DEPARTMENT - SUPPORTED BY THE WORK COOPERATIVE WITH THE BASIC DESIGN CLASS - It was done with the leadership of TEACHER BURAK KAN, with abstract lectures and readings on spaces, through texts and narratives by YILMAZSOY.



Space Abstraction Workshop On Latife Tekin

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Software Engineering

- Bilisim@Gelिसim'22 event was held on 23 May 2022 in partnership with Cyber Security and Young Software Developers Clubs and SGUAM.



- Hack 101 cyber security lessons continue.





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.


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