

Faculty of Engineering and Technology Newsletter

Second Issue



This Newsletter is published quarterly by the Faculty of Engineering and
Technology at Al-Zaytoonah University of Jordan

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Spring Issue, 2019

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Spring Issue, 2019



IEEE al-Zaytoonah University of Jordan Student office had an opening ceremony (August 22, 2018). The University president Prof. Turki Obeidat, and the vice president and Dean of Faculty of Engineering and Technology Prof. Wejdan Abu Elhaija attended this activity. The opening was sponsored by Alahli Bank as a golden sponsor, Nescafe and Escape Hunt.



The ceremony started with office opening and a speech by Prof. Turki Obeidat, later many activities was included in this ceremony like singing, poetry, competitions, scientific booths and shows.





Robotics Workshop

A practical introductory session of Robotic Workshop using Arduino was organized by IEEE Al-Zaytoonah University of Jordan Student office and given by Eng. Sofyan Altarawneh from Engineering Genius company. Twenty students were participated in the workshop which focused on how to fabricate, program and control a full RC car.





An introductory session of Internet of Things was organized by IEEE Al-Zaytoonah University of Jordan Student office. The session was given by two experts in the field, Eng. Feras Diab, CEO of connection of things and Eng. Dima Al-saleh from the Business Development Division at the same company. The session focused on how the IoT is becoming a dominant in the field.





Ethics and Practice of The Profession

The Department of Civil and Infrastructure Engineering (CIE) organized with a collaboration of the Jordanian Engineers Association (JEA) a lecture on "Ethics and Practice of The Profession". The lecture was held on April 18, 2019 presenting the basic principles of ethics codes of the engineering profession. The lecture was attended by a number of faculty members and students from all departments of the Faculty of Engineering and Technology. "Ethics of The Engineering Profession" booklets were distributed to the attendees.





PMI Workshop

The Department of Civil and Infrastructure Engineering organized a two hours workshop in cooperation with Project Management Institute (PMI Jordan Chapter) on April 4, 2019 at Sufian Mari Auditorium. Students and faculty members attended the workshop. The goal of the workshop was to provide awareness and development of in the project management profession by addressing several topics:

- Definition of project management and development;
- Services provided by PMI Jordan Chapter;
- PMI activities and events in Jordan;
- Certificates that can be provided by the PMI institute, requirements and costs;
- Advantages of membership in PMI;
- How to upgrade the project management profession.





Revit Workshop

The Department of Civil and Infrastructure Engineering conducted a workshop under the title of "Revit Software" in cooperation with Design Zone Center Company (AUTODESK Certified Company). Eng. Hussam Zakie spoke about Building Information Modeling (BIM). He explained mechanisms of how to design structures and link them to the latest technology in construction. At the end of the session, the company selected three random students to win the following awards:

1. Free software package (winner Mohammad Yusuf Abudari);
2. Two 50% discount on any selected software package (winners: Omar Khalid Assi and Yazan Hafiz Abulrub).





Internal Combustion Engines Workshop

Eng. Ibraheem Nasser conducted a workshop on car engine parts: functions and manufacturability to train the 4th and 5th year mechanical engineering students.

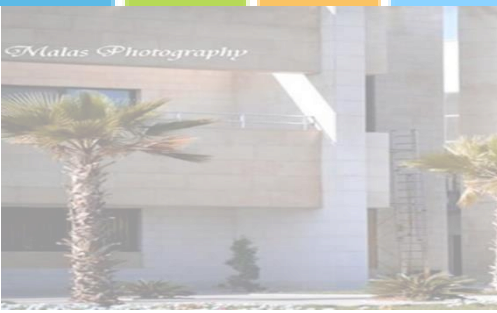




Social Services in The Municipality of Um Al-Basateen

The head of Mechanical Engineering Department Dr. Nabeel Abu Shabaan and Dr. Ahmad Al-Aboushi participated in a collaboration meeting with the manager of Municipality of Um Al-Basateen. They discussed issues faced the municipality. Al-Zaytoonah University of Jordan will train the engineers of the municipality at the mechanical engineering department laboratories in future.





Training Workshop in Germany

Dr. Malik Al-Amayreh from Alternative the Engineering Technology (AET) department attended EGREEN project workshop in the University of Applied Sciences at Ostwestfalen-Lippe in Germany conducted from 11th to 15th September , 2018. The training covered modeling and simulation of power plant cycles, non-conventional water resources, water and wastewater treatment, air pollution, and air quality management.





JIMEC2018

The Jordanian Engineers Association (JEA) organized the 9th Jordanian International Mechanical Engineering Conference JIMEC 2018 in cooperation with Al-Zaytoonah University of Jordan as a silver sponsor of the conference. Dr. Ali Othman, the head of AET department, served as a vice chair of the preparation committee and other subcommittees of the conference. Dr. Nabil Abu Shaban, chair of Mechanical Engineering Department, served as a chair of the scientific committee of JIMEC18. Faculty members from both departments submitted four papers and reviewed fifteen papers. Three students from the AET department shared in organization of the two days conference.





Photovoltaic Systems with Electrical Storage Workshop

In conjunction with the 9th Jordanian International Mechanical Engineering Conference, photovoltaic systems with electrical storage workshop was held on October 14, 2018 at the Department of Alternative Energy Technology at the University of Jordan. The workshop covered PV technology in Jordan, solar energy and storage, battery storage technology: storage applications, and technical and cost considerations.





American University of Beirut Students Visit the Department of AET

A group of ten students and four faculty members from Pro-Green program at the Faculty of Engineering and Architecture at AUB visited the Department of AET at ZUJ. This visit provided students an opportunity to see advanced technologies and available in the laboratories of the AET program at ZUJ.

