



College of Engineering Community

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Fourth Meeting of College Alumni

Under the patronage of his excellency Prof. Badran bin Abdulrahman Al-Omar, the University rector and in the presence of the University vice-rector, Prof. Abdullah Al-Salman, the college of engineering vice deanship for development and quality organized on Monday, 26 Sha'aban 1438 H (22 May 2017 G), the fourth meeting of College alumni. The meeting held in the Deriaya Center (Building 17) was an extension of the previous three meetings aimed at strengthening the relationship between the former and new College graduates. The meeting was honored by Eng. Abdulrahman Al Fadel, the director of Saudi Aramco Riyadh refinery and the presence of more than 200 College graduates as well as by the presence of the College dean, Dr. Walid bin Mohammed Zahid, heads of departments, faculty members and College staff. At the beginning of the meeting, the College dean welcomed the audience. This was followed by a speech by Prof. Abdullah Al-Salman followed by a speech delivered by Engineer Emad bdawee on behalf of the alumni council. The forum guest, Eng. Abdulrahman Al-Fadel, spoke about the "academic life in the college and the practical experience". He also talked about the fields of cooperation between the College and the Riyadh refinery. This was followed by honoring the ceremony's patron, members of the alumni council and the main speaker of the meeting. Afterwards the door was opened for dialogue and discussion. The meeting concluded by a dinner organized for this occasion.





First Meeting of the College Alumni Council for the Academic year 1437G/1438H

Under the patronage of his excellency the College dean, Dr. Waleed bin Mohammed Zahid, the first meeting of the College alumni council was held on Sunday 13/6/1438 H (12/3/2017) in the college of engineering. During the meeting, the main objectives, activities and achievements of the alumni and employment unit of the College vice deanship of development and quality were presented. Possible ways of developing and supporting the Unit's work were discussed by the Council. This was followed by the presentation of a number of ideas for the organization of the fourth meeting of the College alumni. The council members then went to visit the student creativity and innovation center at the College and had a lunch afterwards. The College alumni council consists of: Mr. Nasser bin Abdulaziz Al-Juriyed, director of network implementation in Saudi Telecom Company for the central region, Dr. Ahmed Bin Suleiman Al Arifi, director of international cooperation in Saline Water Conversion Corporation, Eng. Abdullah bin Hamad Al-Kathiri, director of research and development in Saudi Electric company, Eng. Emad bin Abdullah Bedaiwi, general manager of Superior Energy Services, Eng. Omar Bin Faris Al Fayadh, investment manager in Abdullah Abu Nayan Holding Company and Dr. Ali Bin Mesfer Al Yami, general manager of Al-Adoud Contracting Company.

1438 هـ (مجلس خريجي كلية الهندسة) 2017 م

 <p>م / عبدالله بن حمد الكثيري مدير إدارة الأبحاث والتطوير الشركة السعودية للكهرباء</p>	 <p>د / أحمد بن سليمان العريفي مدير عام التعاون الدولي المؤسسة العامة لتحلية المياه المالحة</p>	 <p>م / ناصر بن عبدالعزيز الجرييد مدير تنفيذ الشبكات بالإقليم الأوسط شركة الاتصالات السعودية</p>
 <p>م / عمر بن فارس الفياض مدير الإستثمار شركة عبدالله أبو نيان القابضة</p>	 <p>م / عماد بن عبدالله بديوي المدير العام شركة سويبيروور إنرجي للخدمات</p>	 <p>د / علي بن مسفر اليامي المدير العام شركة العدود للمقاولات</p>



The College of Engineering Receives the Support of BAE to Honor Distinguished Graduation Projects

The College and BAE Systems KSA signed an agreement to support outstanding graduation projects for a period of five years, during which prizes will be awarded at the end of each semester for the two best projects from each bachelor program. Mr. Abdulaziz Al-Faraj, vice president of strategy and business development, in BAE signed on Tuesday, 10 Jumada I 1438 H the agreement with Dr. Walid bin Mohammed Zahid, the College dean.

The College dean praised the company and its previous contributions in supporting both the program of internal scholarships and undergraduate graduation projects. He pointed out that the agreement is in line with the vision of the Kingdom 2030 aimed at improving the educational environment that stimulates creativity and innovation and enhancing the participation of the private sector in the educational process to meet the requirements of development and labor market needs.





The College Honors Engineer Abdullah Buqshan for Supporting a Number of College Students to Study for One Semester in Georgia Tech University

Under the patronage of his excellency the vice rector, Prof. Abdullah bin Salman Al Salman, the college of engineering honored on Tuesday, 21 Rajab 1438H (May 18, 2017) Engineer Abdullah Buqshan for his generous support to distinguished initiatives aimed at the development of engineering education.

The support provided by Eng. Abdullah Buqshan is part of the College initiatives to motivate outstanding students to study for one semester at distinguished universities. The College concluded an agreement with Georgia Tech University, which is ranked among the top 10 international universities in engineering, to send a number of College students to study at the university as visiting students. The program started in the first semester of the academic year 1437/1438H by sending 7 ninth level students from the mechanical engineering department. All seven students in the program ended the semester with excellent grades.

The College extends its thanks and appreciation to his excellency the University rector and to the vice reactor for educational and academic Affairs for their support in strengthening the relationship between the College and the private sector. The College also extends its thanks to Prof. Hani Al-Ansari from the mechanical engineering department and Prof. Said Abdul-Khaleq from Georgia Tech for their follow-up efforts to bring this initiative to a success. It is hoped that the program will contribute to strengthening the relationship between the College and the University of Georgia Tech and supports outstanding students in getting opportunities to complete graduate studies in distinguished international universities.



The College Celebrates the Distribution of Al Qasabi Award in Civil Engineering

Under the patronage of his excellency Prof. Ahmed bin Salem Al Ameri, vice-rector for graduate studies and scientific research, and in the presence on his behalf of his excellency Prof. Khalid bin Ibrahim Al-Humaizi, dean of scientific research, a ceremony was organized on 4/8/1438 H for the annual distribution of “Engineer Tarek Al-Qasabi awards for excellence in civil engineering in Saudi Arabia”.

A prize of 50,000 SAR is awarded annually by Eng. Tareq Al Qasabi to outstanding scientific research in all branches of civil engineering in the Kingdom of Saudi Arabia. It is worth mentioning that the award program started in the academic year 1434/1435 H for a period of five years.

The ceremony was attended by the vice-rector for educational and academic affairs, the College dean, the College vice deans and the sponsor of the award, Eng. Tariq Al-Qasabi. The award for this year went to the study entitled "Study of the mitigation of damage caused by explosions in concrete buildings" presented by Prof. Youssef Al-Salloum and his research team composed of Prof. Dr. Tarek Hamoud Al-Musallam, Dr. Hussein Abbas and Dr. Hussein Al-Sanadidi from the civil engineering department in the College of engineering in King Saud University.



The College of Engineering welcomes the Director of Riyadh Refinery

At the official invitation of the college of engineering, the director of Saudi Aramco Riyadh refinery Eng. Abdulrahman bin Abdul Aziz Al-Fadel visited the College on Tuesday, 1/6/1438 H. The visit started by a meeting with the head of the department of chemical engineering Dr. Abdulaziz bin Abdullah Al-Ghayamah and a number of faculty members. During the meeting prospects of educational, research and consulting cooperation between the Department and Saudi Aramco were discussed and this by virtue of the specialization of the department, its interests and industrial applications. Then the guest was given a tour by the head of the chemical engineering department to a number of educational laboratories, and the guest took notice of the scientific capabilities available in the chemical engineering department,

Afterwards the guest met in the dean's office with the College dean Dr. Walid bin Mohammed Zahid and the vice dean of the College for development and quality, Prof. Musaed AlAwad. The meeting was attended by the head of the department of chemical engineering Dr. Abdulaziz bin Abdullah AlGhayamah and Dr. Mansoor bin Saleh AlHoshan a faculty member from the chemical engineering department. The meeting discussed the relationship between Saudi Aramco and the College and the means of its development. The director of Riyadh refinery pointed to the prominent role played by the College in the development of human resources in Saudi Aramco and praised the level of the College outcomes. The guest then gave a lecture entitled "Overview of Saudi Aramco and Riyadh Refinery" that was attended by a large number of faculty members and students.





Organization of Workshops by the Department of Chemical Engineering in Cooperation with SABIC

In the framework of the strategic cooperation between King Saud University and SABIC and after the signing of the comprehensive agreement with SABIC by the rector and the vice president of SABIC, which resulted in the formation of a supervisory committee composed of the vice rector, the vice rector for graduate studies and scientific research, Prof. Saeed Zahrani, head of SABIC polymer research center and three members of SABIC, the supervisory committee in turn formed a technical team from the different Colleges in the university and consist of Dr. Hani Al-Ansari, Dr. Abdulaziz Al-Giyama and Dr. Nabil Al-Harthy from the college of engineering, Dr. Abdulaziz Al-Ghamdi from the college of science and Dr. Mohammed Al-Wabel from the college of food science and agriculture, in order to propose research projects that can be carried out by the University in cooperation with SABIC.

In this regard, the first workshop was held in the chemical engineering department on 15/12/2016 and the second workshop on 19/1/2017 to identify the needs of SABIC in the processes related to the engineering of chemical reactions, catalysts, separation processes, materials engineering and polymers. The workshop was inaugurated on behalf of the College dean by the College vice dean for graduate studies and scientific research

Annual Meeting of College Faculty and Staff for the Academic Year 1437-1438H

The College held the annual meeting of its employees on Friday, 23 Sha'ban 1438H. The meeting included a welcome speech by the College dean Dr. Walid Zahid. During the meeting a number of College faculty were honored. In this regard, Prof. Khalid bin Ibrahim Al-Humaizi was honored for the end of his term as dean of the College. Also were honored the colleagues who retired (Dr. Malik bin Ibrahim Al-Ahmad from chemical engineering; Prof. Hussein Bin Abdullah Al-Awaji from civil engineering; Eng. Ibrahim bin Abdullah Al-Aqil from civil engineering; Eng. Khalid bin Mohamed Alatiq from civil engineering; Eng. Ibraheem bin Abdullah Almjid from civil engineering). Were also honored the colleagues who have completed their term of office (Prof. Ehab Mohamed El-Danf from mechanical engineering; Prof. Said Mohamed Darwish from industrial engineering; Prof. Abdel Hamid Abdel Magid Sherif from civil engineering ; Dr. Wakar Ahmed from electrical engineering; Dr. Ahmed Ayanda Soliman from electrical engineering; Dr. Habib Fathallah from electrical engineering; Eng. Abdel Waheed Mohamed Hafeez from electrical engineering; Eng. Syed Zikr from research center).

During the meeting, members of ABET accreditation committees were also honored for their work in securing the accreditation of the College programs for the period 2015-2021: (Civil engineering bachelor degree program: Dr. Abdelhafeez Omar El Shinawi; Prof. Shahab El Din Mourad; Prof. Mohamed Ikbal Khan; Dr. Hisham Rabea Al-Fouli; Dr. Khaled Saad Zafer Al-Qahtani; Dr. Ahmed Bin Mohammed Al-Naeem; Dr. Mehab Amin Mehab; Dr. Sionfkw Mark Lee; Eng. Abdul Rahman Mohammed Bahiri). (Electrical engineering bachelor degree program: Dr. Abdelhamid Mohamed El Sanea; Prof. Ibrahim Mohamed El Shafei; Prof. Saad Ben Mubarak El Ghwainem; Dr. Ihab Salah Awad; Dr. Yassin Zanoun Khan; Dr. Ahmed Fawzy Abbas; Dr. Hamza Koti Vitekaladi; Dr. Abusaid Mahjoumi; Dr. Irfan Ahmed). (Mechanical engineering bachelor degree program: Dr. Essam Ali Al-Bahlaki; Dr. Abdul Hakim Bin Mohammed Al Majid; Dr. Faisal Saeed Bin Yahya; Dr. Hani Bin Abdul Rahman Al Ansari; Dr. Mohammed Hassan Morsi Ramadan; Prof. Ehab Adel Al-Danaf; Dr. Abdel-Rahim Mahmoud El-Leithy; Prof. Mahmoud Sayed Ahmed Soliman; Dr. Obeida Mohamed Zeitoun; Eng. Ahmed Bin Fahad Al-Shaman; Eng. Abdullah Al-Huwaidi. (Chemical Engineering bachelor degree program: Prof. Dr. Emad El-Din Mostafa Ali; Prof. Dr. AbdelHamid Ajbar; Prof. Ahmed Abasaid El-Haj; Dr. Mohamed Kamal Omar Haj Kali; Dr. Abdel Basset Omar Belsadeq; Eng. Hassan Qili; Eng. Attia Bin Awad Al-Zahrani). (Industrial engineering bachelor degree program: Dr. Mohamed Saad Al-Qahtani; Prof. Abdul Aziz Mohammed Al-Tamimi; Prof. Mohammad Zaki Ramadan Osman; Dr. Basheer Salah; Dr. Tamer Mohammad Ahmed Khalaf; Dr. Adham Mohammad Ezzat Ragab; Prof. Said Mohammed Hassan Darwish; Eng. Ahmed Tawhid Ahmed; Eng. Abdel-Ati Idris). . (Petroleum and Natural Gas engineering bachelor degree program: Dr. Ali Al-Netifi; Prof. Masoud bin Nasser Al-Awad; Prof. Emad Sulaiman Al-Humaidhi; Eng. Abdalbari Al-Arifi; Eng. Ibrahim Al-Humaidan; Eng. Kamal Abdul-Aziz Haroun; Eng. Abdullah Ayed Al-Subaie; Eng. Saeed Hussein Al-Hamoud; Eng. Abdulla Salem Al-Fayfi).

.After that, an open discussion session was held between the College deanship and its employees followed by lunch.



College Professors Receive the Custodian of the Two Holy Mosques Award for Honoring Inventors and Gifted

Prof. Saeed Bin Mohammed Al Zahrani, Prof. Enas Al Nashif and Prof. Abdulrahman bin Mohammed Al-Hazimi from the college of engineering won the Custodian of the Two Holy Mosques Award to honor the inventors and talented people. They were honored at the ceremony held on behalf of the Custodian of the Two Holy Mosques King Salman bin Abdulaziz by the minister of energy, industry and mineral resources and chairman of the board of directors of King Abdulaziz City for Science and Technology, Eng. Khalid bin Abdulaziz Al-Falih. The ceremony was held at the King Abdulaziz City for Science and Technology (KACST) in Riyadh on Wednesday, 17 Rabi Al-Akhir 1438H, in the presence of Prince Turki bin Saud bin Mohammed, President of King Abdulaziz City for Science and Technology and chairman of the board of trustees of the award. Prof. Al-Zahrani and Prof. Al-Nashif, from the department of chemical engineering won the award in its second session(1434/1435 AH) in the inventors category while Prof. Al-Hazimi from the department of civil engineering won the award in its third session (1435/1436) in the gifted category.



Orientation day for Engineering Students for the Second Semester 1437-1438 AH

The College academic guidance unit for non-specialized students organized on February 5, 2017 (8 Jumada Al-Awal 1438H), which is the first day of the second semester of the academic year 1437/1438, a reception at the entrance to the college for the new students. The purpose of the orientation day is to provide guidance to students on their academic future and to present the services provided by the College, as well as answering student's inquiries. The meeting was attended by the head of the unit, Eng. Abdul-Barari Abdullah Al-Arifi and Eng. Aziz Abu Khalaf, member of the unit. They both answered students' questions regarding their university studies and what they need at the beginning of their first academic year in the university. During the reception, pamphlets and brochures were produced by the unit, which contain important information for the university student during his academic career. The College dean, Dr. Waleed Zahid, accompanied by the vice deans Dr. Musaed AlAwad and Dr. Abdulmohsen Al-Badah, visited the entrance of the College to ensure the good progress of the reception process.



King Saud University's College of Engineering Team Wins Advanced Positions at the Shell-Asia Eco-Car Marathon

A team of 24 students from the college of engineering represented the King Saud University in the Shell Asia Eco-friendly Marathon held in Singapore from 14-19 March 2017 (15-20 Jumada Al Akhra 1438 H). About 120 teams from 20 countries and more than 2,000 students from across Asia, Africa and Australia participated in the marathon to compete for energy efficiency on the road. The number of Arab teams participating in this year was 18 teams from Saudi Arabia, Egypt, UAE, Oman and Qatar, where students used their creative and innovative abilities to design and manufacture cars with high fuel efficiency and other alternatives. Students participated with cars of various types of traditional fuels such as gasoline and diesel alongside advanced fuel, electricity and hydrogen. The number of marathon visitors this year reached 30,000.

The College students received the support of Aramco, SABIC, Al-Rashed group and Dar Handasa Company to manufacture two cars: one with gasoline and the other with electricity. The King Saud University team achieved a new position at the Marathon Shell Environmental, where the team, "Saif", which participated in a gasoline car, "Riyad 2" ranked first in the Arab and Middle East, and the seventh place in Asia out of 31 teams. Riyad 2 achieved a new record of 287.1 km / liter, surpassing its predecessor Riyad 1 by nearly three times, while the "Viper" electric car managed 122 km / kwh being number one in the Middle East and the 13th in Asia. The number of students in the team was 16 students for the petrol car and 8 students for the electric car. They were accompanied by Dr. Abdul-Mohsen Al-Badah and Dr. Muhannad Atta supervisors of the work of students. This participation is the third one for the College which has already participated twice in the Shell Marathon, in 2015 and 2016.

"The Shell Marathon is a clear demonstration of the University's ability to compete and benefit from their colleagues in Asian and African universities," commented the College dean Dr. Walid Zahid who also said: I am excited to see our College students working on environmental projects that will make a better future. I would like to thank his excellency the University rector, Prof. Badran Al-Omar and the vice rector for educational and academic Affairs Prof. Abdulaziz Al-Othman for their support and encouragement for this participation. I also thank Saudi Aramco, SABIC, Al-Rashed Group and Dar Al-Handasa companies for their generous support.

The Shell Marathon for eco-friendly cars began in 1939 when the US oil company Shell employees competed over who could travel the furthest distance with the same amount of fuel. The marathon is now held annually in Asia, Europe and the United States. The goal of the competition is to attract the best engineering talents from around the world to manufacture energy-saving cars.



The College Research Excellence Day

Under the patronage of his excellency Prof. Ahmed bin Salem Al Ameri, the vice-reactor for graduate studies and scientific research, and the presence on his behalf of the dean of scientific research, Prof. Khalid Ibrahim Al-Humaizi, the college of engineering held on 13/8/1438 H (9/05/2017) its annual research excellence day.

The College has been organizing this event for years in order to encourage researchers for the quality and abundance of scientific publishing. This year, winners were honored in four categories: researchers working in research centers and chairs, individual researchers or research groups, new faculty members and graduate students. In the first category the winners were Prof. Mohammed Iqbal Khan, Prof. Abdulrahman Al-Hazimi and Prof. Abdul Aziz Alnghimsh. In the second category, Prof. Anis Faqiha, Prof. Mohamed El Sayed Mahmoud Ali, Dr. Adel Taha Mohammed Abbas, Dr. Hisham Foley and Dr. Yasser Mohamed Nour El Fadl. In the third category, Dr. Mohammed Thamer Al - Rashidi. Finally in the fourth category the winners were Khaja Muayyad al-Din, Waseem Abbas, Amr Ragheb and Akram Mohammed Abdulaqib.

The event was attended by the College dean and the College vice dean for graduate studies and scientific research. This event was accompanied by an exhibition of graduate students' research activities.



The College of Engineering Participates in the Meeting: My University ... My Future Portal

The college of engineering, represented by the community services and continuing education unit, in cooperation with the student's council represented by the college clubs participated in the forum entitled: My University... My Future Portal. The forum targets high school students to get them acquainted with national, Arab, international universities and university institutes located inside and outside the Kingdom of Saudi Arabia as well as the certificates accredited by these institutions. The forum was organized by the Kingdom's Schools in Riyadh from 26 February to 2 March 2017.

This year's event witnessed a strong demand from colleges and universities, and it was also very popular with companies that target such a student gathering to contribute to their future opportunities.

The College participated in a pavilion containing a bulletin board about the College and several posters giving a brief description of the different departments of the College and its facilities. A group of distinguished students presented their experience with the College to the visiting students.

Also was present in the pavilion, the academic advisor for non-specialized students who answered many of the student's questions. The forum was inaugurated by the director of education in Riyadh, Dr. Abdullah Al-Mana, and the general supervisor of schools Dr. Nasser Al-Mulhim.



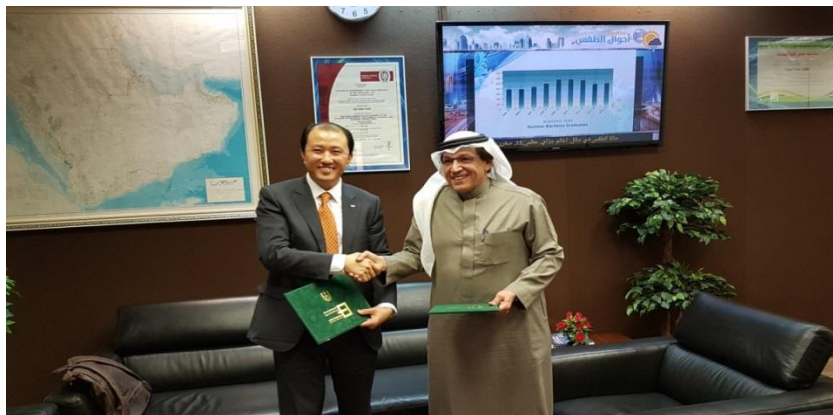
Joint Meeting of the College Occupational Safety Committee with the University Safety, Security and Maintenance Officials

Under the patronage of Dr. Waleed Bin Mohammed Zahid, the College dean, who oversees the College occupational safety committee, the Committee held on 9/6/1438 H, its second meeting under the chairmanship of Prof. Musaed AlAwad, vice dean for development and quality, and the attendance of members of the Committee for the academic year 1437-1438H as well as the attendance of the University director of security operations, a representative of the safety department, the director of the maintenance department and the director of risk management at the University. During the meeting, a number of topics were discussed, including: security risks and procedures in case of emergency, routine maintenance programs for automatic alarm systems, the security organization of College entrances and emergency exit, and procedures for implementing a mock evacuation plan at the College. The aim of the meeting is to coordinate cooperation with the concerned bodies of the university in order to benefit from the potential of these bodies for the work of the occupational safety committee of the College.



Strengthening Cooperation between the College and Korea's Doosan Heavy Industries Company

Emphasizing the cooperation between the College and the Korean Doosan Heavy Industries and Construction company, the College dean Dr. Walid bin Mohammed Zahid, received on 6 Feb 2017 Dr. Pyongsanj Park the Director General of the Water Research Center at the company and his accompanying delegation. During the meeting, the two parties overviewed the cooperation between the two sides that started in 2011 through the transfer of knowledge project adopted by the Saline Water Conversion Corporation in the context of the implementation of the expansion of the second phase of Yanbu-Madinah stations using the multi-effect desalination (MED) technology in which Dossan was the main contractor. A total of 9 faculty members from the College participated in workshops and periodic meetings with the company to transfer the technical knowledge. The cooperation between the two parties continued after the signing of a memorandum of understanding in 2014 during which Joint seminars were held and during which the Company research center supported a number of research activities in the college. The College dean explained that the renewal of the memorandum of understanding comes in the context of the College's keenness to maintain its distinguished relationship with Doosan and its desire to include more cooperation areas, including practical training for the College students, the presentation by the company of research topics of applied nature, joint supervision of graduate students and the presentation of joint training courses in the field of desalination and water treatment. The Dean also stressed the need to continue with the previous activities of holding scientific seminars and support for research faculty members. The College dean also pointed out to the need to open the way for all faculty members to participate in joint activities with Doosan. For his part, Dr. Park expressed his great pleasure in visiting the College and renewing the memorandum of understanding. He added that the company is proud of what has been achieved so far under the previous memorandum of understanding. He also praised the performance of the faculty members in the previous activities. This has encouraged the Company to renew the memorandum of understanding for an additional four years. Dr. Park also expressed his full agreement with the dean of the college on the need to expand areas of cooperation and the readiness of the company to do so. Doosan Heavy Industries is one of the largest companies in South Korea and in the world. Its fields include construction of power stations, desalination plants, heavy equipment, construction and military equipment. The company has implemented about 50% of desalination plants in Saudi Arabia. Due to the size of its operations in the Kingdom, the company has launched its own water research center in Khobar City in 2013.



Launching of the “Mathematics Support Program” in the College

The College has launched in the third week of the current academic semester, the “Mathematics Support” program which will last for ten weeks and that aims at giving the College students some basic knowledge and skills necessary to achieve excellence in mathematics. This initiative came as result of facts supporting the close relation between student’s performance in mathematics and their performance in the College courses. The launching of the program also came in response to repeated complaints by students of the difficulty of mathematics courses, and also aims to reduce some negative phenomena such as private lessons in mathematics offered to the College students by some local people of low scientific level. The program also seeks to make use of interactive e-learning techniques offered by global publishers such as McGraw-Hill through its integrated Connect system with the University's e-learning management system. The program builds on the principles of integrated e-learning by using an interactive e- International course formulated according to the highest standards that encourages student self-learning., while receiving continuous academic support through the teaching of the course at one of the computer labs in the College. The program is organized by three lecturers from the department of mathematics in the Science College in addition to an academic coordinator of the program. The students are divided into three groups and one of the lecturers will teach two hours per week for each group. The student selects the group and the appropriate time in the start of the program. The student's commitment to attend and perform requirements of the interactive course is necessary to pass the program.

Honoring the Cleaning Staff in College

Under the patronage of the College dean Dr. Walid bin Mohammed Zahid and the attendance of vice deans, faculty, staff and students, the College unit for community services and continuing education held on April 26, 2017 a ceremony to honor the College cleaning staff in recognition of their role in the service of the College. In a speech, the College dean praised the great role played by this important group in the University and the society in general. The College dean and the vice deans honored the efforts carried out by the cleaning staff by handing them certificates of appreciation and financial rewards. The Dean also paid tribute to the efforts of the Community Service Unit to hold this honorary celebration, which is one of the most cherished events. He also called on students to be supportive, help cleaners in maintaining their cleaning work and giving them strong motivation to continue to serve the College. Afterwards the Dean called everyone for refreshments.



Journal of King Saud University (Engineering Sciences) Publishes Electronically

In order to allow for the publication of more research papers in the Journal of Engineering Sciences, the issues of the journal will be available through the website referred to below. In addition, the journal will publish four annual issues (January - April - July - October).

<http://www.sciencedirect.com/science/journal/10183639>

The College of Engineering Implements a Local Enriching Program and Hosts an International Program

Within the framework of the activities of the College and its role in the service of society, the Center for Creativity and Student Innovation at the College implemented in this summer (1437/1438 AH) in the period 31 July-17 August 2017, the enriching program in cooperation with the King Abdul Aziz and his Companions Foundation for Talent and Creativity (Mawhiba). The program targets talented students from different parts of the Kingdom, through supporting them in a range of advanced scientific knowledge, skills and expertise. It is worth mentioning that the College has implemented the program in the past two years (1436 H and 1437 H)

The program aims to develop creative skills of students and guide them according to their tendencies and abilities through a range of specialized activities in one of the scientific aspects and advanced skills in order to develop their personal, cognitive, mental, psychological, social and physical aspects, strengthen communication between the participating students and College students and open prospects for them to continue study and education.

The program is supervised by a group of distinguished faculty members aided by a group of students at the master and Ph.D level whose role is to support the academic supervisors in carrying out the activities of the applied program. The program included this summer: advanced physics under the supervision of Dr. Maher Al-Saheb, engineering design under the supervision of Dr. Faisal bin Yahya, mechanical engineering under the supervision of Dr. Jamal Orfi, encrypting under the supervision of Dr. Majid Al-Risini and Dr. Mohammad Al-Anzi, and electrical engineering under the supervision of Eng. Ghazi Isaaq. The program is directed by Dr. Abdul Mohsen Al-Badah, the vice dean for graduate studies and scientific research, and by his deputy Dr. Muhannad Al Atta. The total number of students participating in the local program was more than 100 students.

The College also hosted the International Program (Tawteen), which was held in cooperation with Oxmidka and the academic staff of the Universities of Cambridge and Oxford to train a total of 138 Saudi students in the third intermediate and first secondary level from all over the Kingdom in the following disciplines: Medical Sciences, Biochemistry Biotechnology, App design, Cryptography & Cyber Security, Petrochemical engineering, Mechanical engineering, Space rocket science.

For his part, the College dean, Dr. Waleed Bin Mohammed Zahid emphasized the importance of such programs which are consistent with the College's goal of providing an environment to develop the creative and imaginative students' ability and that it was for this purpose that Center for Creativity and Innovation in the College was formed.



Visit of His Royal Highness Dr. Prince Bandar Al-Meshari to the Enriching Program in the College

His Royal Highness Prince Dr. Bandar bin Abdullah Al-Meshari Al-Saud who is a member of the Board of Directors of the King Abdullah and his Companions Foundation for Talents (Mawhiba) made on Monday, 15/11/1438 H, an inspection visit to the local and international enriching programs organized in the College. He was accompanied in the visit by Dr. Walid bin Mohammed Zahid, the College dean and the supervisor of the local enriching program Dr. Abdulmohsen Al-Badah, and Dr. Saud Al-Fadhel, head of enriching programs at Maweba. The visit lasted about two hours during which Dr. Bandar visited the various units in the local and international programs, during which he discussed with the participating students and listened to their views and impressions about the activities in the different units. His royal highness expressed his admiration for the good organization and the students' interaction with the trainers.



Eid Al-dha Celebration in the College

The College held, on Sunday, 19/10 / 1438H, corresponding to 10/9/2017, at 9 am a celebration on the occasion of Eid al-Adha, in the presence of the College dean Dr. Walid bin Mohammed Zahid, the vice-rector Prof. Abdullah bin Salman Al Salman, the vice rector for educational and academic affairs Prof. Abdul Aziz bin Abdullah Al-Othman and the University vice-rector for projects Prof. Abdullah bin Mohammed Al-Suqair. The meeting was attended by faculty members and staff. The occasion is an opportunity to exchange greetings on the occasion of blessed Eid and the renewal of communication between the employees of the college.



Cooperation between the College and the Deanship for Skills Development

The Computer Center at the College hosted on 15 Shawwal 1438H the start of the training program (JAHIZ i.e. Ready), which is implemented by the Deanship of Skills Development in cooperation with companies in three training tracks: Networking (Cisco Academy), Database (Oracle Academy), and Operating Systems (Microsoft). The duration of the training program was a full month, seven days a week, from Sunday to Thursday, with an average of 4 hours a day from 4 pm to 8 pm with a total of 80 training hours. The program was implemented for student's trainees at the computer labs in the College with a capacity of 20 trainees per track. The Deanship of Skills Development, as well as the trainers, commended the infrastructure in the College computer center, its readiness and the high level of the engineers of the center. After the end of the training program, the Director of the Deanship of Skills Development, Mr. Abdulaziz bin Shaalan Al-Qarni, the supervisor of the program, Eng. Ahmed bin Yahya Floss, and the head of public relations at the deanship, Mr. Mohammed bin Ahmed Asiri visited the College and handed over shields to the Dean Dr. Walid Zahid and to Dr. Abdulmohsen Al-Badah, supervisor of the Computer Center for their cooperation in implementing the program in the College computer lab. Certificates of thanks were also given to engineers Nassar Hakim Khan and Mabarek Zeb Khan from the College Computer Center for their efforts in making the program a success.



Dean Award for the Employee of the Month

The college of engineering dean award for the employee of the month is a continuation of the unlimited support provided by the College deanship to its staff to motivate them to innovate in the fields of education, research and administration. It is a monthly prize opened to all secretarial and administrative staff in all the College departments and units. The winner is selected based on specific criteria and is honored in the presence of members of College council. The following are the names of winners during the past year:

1. Ahmed Ali Al-Mubarki – College vice deanship for Academic Affairs - the month of Rabia I 1438.
2. Abdulaziz bin Hazza al-Thubaiti, Department of Petroleum and Natural Gas Engineering, Rabia II, 1438.
3. Ibrahim bin Mohammed Al-Humaidan - Department of Petroleum and Natural Gas Engineering, Jumada I 1438.
4. Ahmed bin Jazza Al-Harbi - College vice deanship for Graduate Studies and Scientific Research - Jumada II 1438.
5. Musaad Bin Abdulkarim Sweden – College vice deanship for Development and Quality - Rajab 1438.
6. Abdullah Banyan Al-Otaibi – College Administrative Affairs – Shaaban 1438.

Distinguished Achievements for Fahd bin Keshim Al-Kirani from the Civil Engineering Department

Fahd bin Keshim Al-Kirani, lecturer at the Faculty of Engineering, King Saud University, received two patents in civil engineering, the first registered with the United States Patent Office for the sustainable plastic aggregates and its use in construction applications. The second invention is registered with the Saudi Patent Office for use in concrete applications.

It is worth mentioning that Al-Kareani was awarded a PhD in Civil Engineering from Birmingham University in the United Kingdom with excellent grade on 2/8/2017. He achieved many distinguished achievements during his studies, including the best research at the 2016 Saudi Student Conference, At the Geneva Innovation Exhibition, in addition to the publication of three research papers by a court in international scientific journals, and by His Excellency the Embassy of the Custodian of the Two Holy Mosques in the United Kingdom for his achievements.

This Issue was prepared by:

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