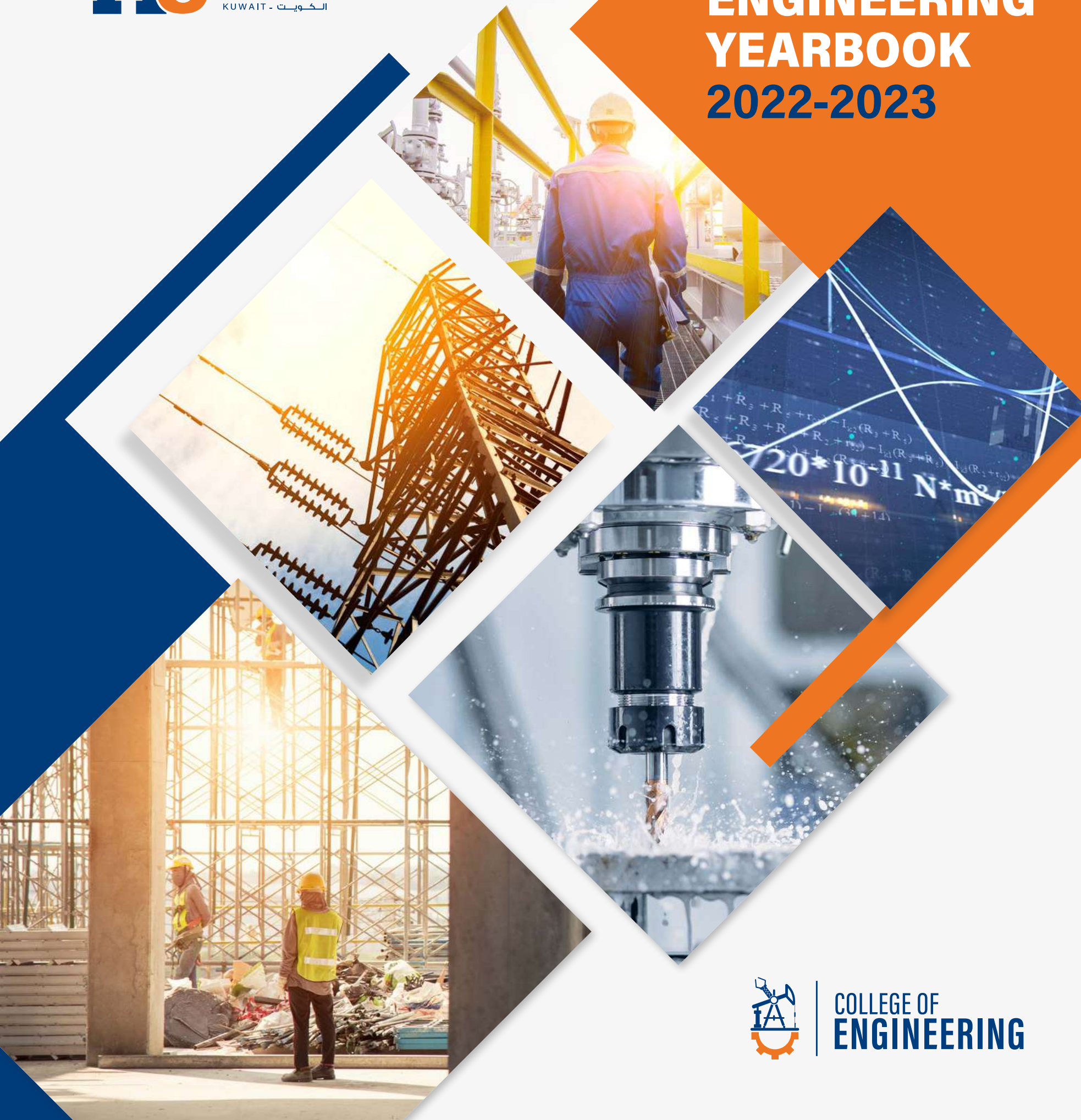


COLLEGE OF ENGINEERING YEARBOOK 2022-2023



COLLEGE OF
ENGINEERING



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A WELCOME MESSAGE FROM THE DEAN

Dr. Mohammed Abdul-Niby
Dean - College of Engineering



On behalf of the College of Engineering, I welcome you to our 6th annual yearbook that displays all our achievements and activities during the academic year 2022/2023. In this yearbook, you will find engagement in many educational, technical, and social events. These engagement outcomes prove the integrity of our faculty and students who exhibit a strong work ethic and teamwork. The College of Engineering looks forward to more achievements and prosperity in the coming years.

Our dear students, I wish you a pleasant learning journey with the Australian University and urge you to do your best to acquire the knowledge and academic skills that are crucial for success in your future careers.

Our beloved graduates, the journey of life has just started. You are in the middle of your life where challenges, opportunities, and changes are dominant. I take this opportunity to congratulate you and wish you all a prosperous future.

The Faculty and Staff at the College of Engineering, thank you for your dedication and hard work. Your continuous efforts and support are highly appreciated.

Finally, I would like to thank everyone who was part of making this yearbook a reality.



COLLEGE OF ENGINEERING

Faculty



OFFICE OF THE DEAN



Dr. Mohammed Abdul-Niby



Ms. Sonia Kalayji



Mr. Haider Asim



CIVIL ENGINEERING DEPARTMENT



Dr. Mohamed Hany Yassin
Acting Head of Department



Prof. Martin Jaeger



Dr. Taha Ahmed



Dr. Ahmad Saad



Dr. Mohammed Salem



Dr. Rana Lakys



Dr. Reza Soleimanpour



Dr. Meshari Almutairi



Dr. Ahmed Assad



Dr. Masoud Irannezhad



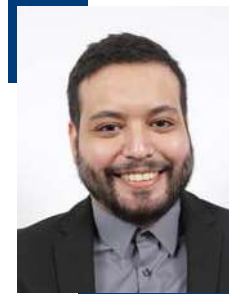
Dr. Miriam Tawk



Eng. Sanaa AlEzzah



Eng. Marwa Waly



Eng. Faisal Otaibi



Eng. Abdulhadi Kazem



Eng. Rawaa' Al Muzaini



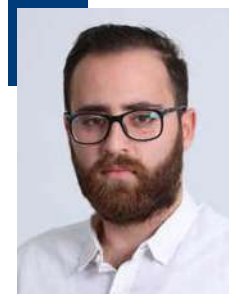
Eng. Osama Bukhamseen



Eng. Mohamad Iyad Al-Khiami



Ms. Nadya AlMousa



Eng. Naser Mohammad



Mr. Tahir Afrasiab



Ms. Dana Hammad

MECHANICAL ENGINEERING DEPARTMENT



Dr. Fadi AlKhatib
Head of Department



Dr. Khalil Khanafer



Dr. Ahmad Sedaghat



Dr. Ehab Bani Hani



Dr. Malek Adouni



Dr. Wisam Al Saadi



Dr. Abbas Amini



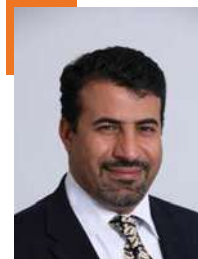
Dr. Nader Ghareeb



Dr. Adel Younis



Dr. Hayder Salem



Dr. Majed Al-Sarhead



Dr. Raouf Mbarki



Dr. Abeer Alanazi



Dr. Afif Gouisseem



Dr. Mohamed Elbadawy



Dr. Zainab Al Hajaj



Eng. Haitham Ayoub



Eng. Meryem Kanzari



Eng. Omar AlRifai



Eng. Abdullah Al Awadhi



Eng. Jessica Lopez



Eng. Mashael Ali



Eng. Ummay Rubab



Eng. Omar Yousef



Mr. Grish Mohanan



Mr. Abraham Nethala



Mr. Renoy Poullose



Mr. Joji Abraham



Mr. Joshith Valiyaparambath



Mr. Hamid Saadi



Ms. Heba Kobaissi

ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT



Dr. Hassan Salti
Head of Department



Prof. Isam Zabalawi



Dr. Mohammed Abdul-Niby



Dr. Amin Al Ka'bi



Dr. Majdi Al Omari



Dr. Mohamad Farhat



Dr. Michel Nahas



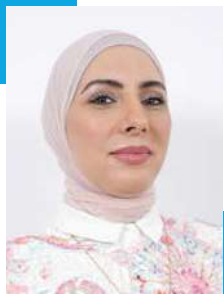
Dr. Arash Mehdizadeh



Dr. Kais Al-Abdullah



Eng. Mohammad Zaki



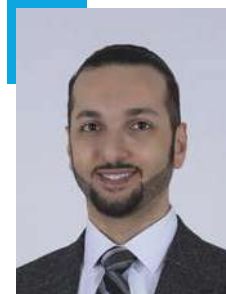
Eng. Hania El Kanj



Eng. Sami Asaad



Eman Mostafa



Eng. Khaled Abujbara



Eng. Mohamad Ishaque



Eng. Reem Akasha



Eng. Asama Hussain



Mr. Waqar Jan Zafar



Ms. Amani Abdulhai

PETROLEUM ENGINEERING DEPARTMENT



Dr. Mortadha Al Saba
Head of Department



Dr. Mohamed Omar



Dr. Suad Al-Radhwani



Dr. Rana Malhas



Dr. Biltayib Biltayib



Dr. Seyed Mehdi



Dr. Jean El Achkar



Dr. Rida Elgaddafi



Eng. Fahad Abu Mallouh



Eng. Mufazzal Kabuli



Eng. Kingsley Amadi



Eng. Khaled Hantoush



Eng. Hussain Jam



Eng. Ali Hersi



Ms. Suhad Al Qouqah

MATHEMATICS & PHYSICS DEPARTMENT



Prof. Ahmed Bani Mustafa
Head of Department



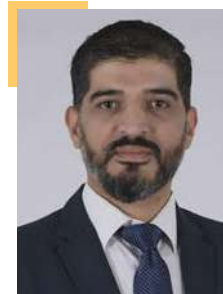
Dr. Rasha Al Jamal



Dr. Marziyeh Nazari



Dr. Loris Serafino



Dr. Feras Al Zubi



Dr. Sadeq Damrah



Eng. Enayat Enaya



Mr. Hassan Kay Mohamed



Mr. Amin Bilal



Eng. Fatima Farhat



Ms. Muna Juma



COLLEGE OF ENGINEERING

Graduation









GRADUATION SPEECH

By Muneerah Alrubah

Good evening, ladies and gentlemen, faculty members, friends and family, and fellow AU Alumni. Hello and welcome to tonight's ceremony.

My name is Muneerah Alrubah, and it is my absolute pleasure to be here representing the bachelor graduates of 2022.

I must confess, I never realized that there was an amazing rush of happiness that comes with celebrating such an achievement, but here we are, 5 years later, with great memories, growing knowledge, and a career ahead of us. It seems all so surreal, doesn't it? But before we walk out here today, let's go back in time for a minute to 2017, freshman year. We were all excited about college, with our fresh minds and attire; however, university life hit us hard and we were all trying to keep up with the new environment. But one thing really stuck with me and it was how fortunate I was to make such amazing friends that till this day are like

family. Fast forward to 2020, our alleged senior year. When Covid struck, online teaching was something unheard of, and we were struggling to take advantage of the situation. But thanks to our heroes, our amazing teachers who worked hard day and night and made it not only possible but also easy for us to learn. And here we are today, in 2022, as engineers and businessmen and women standing here, proud and honored before our loved ones.

My last message here tonight goes to my fellow graduates. In the words of Nelson Mandela; "Education is the most powerful weapon we can use to change the world", so keep on the path of learning, use it for good and together we can be in a position to make a difference.

I would like to take this chance to thank my supportive family, my instructors who have been there for me and the Australian University for making this journey possible.

It was my sincere honor and joy to have met and known some of you. I wish you all the success life has to offer. Thank you all so much for coming, and I hope you enjoy this memorable evening.



COLLEGE OF ENGINEERING

2021 - 2022
Graduates





BACHELOR OF **CIVIL ENGINEERING GRADUATES**



Anfah Abdulrahman AlAbbad
Bachelor of Civil Engineering



Avo Nazarit Solakian
Bachelor of Civil Engineering



Bashayer Meaikel AlAjmi
Bachelor of Civil Engineering



Danya Adel AlKoot
Bachelor of Civil Engineering



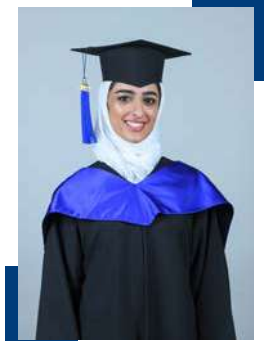
Dhuha Talal AlEnezi
Bachelor of Civil Engineering



Faisal Eissa AlAjmi
Bachelor of Civil Engineering



Fatemah Bader Jamal
Bachelor of Civil Engineering



Fatima Ebrahim Ashkanani
Bachelor of Civil Engineering



Fatima Hossam AlKoot
Bachelor of Civil Engineering



Fatmah Hisham AlTaweel
Bachelor of Civil Engineering



Ghadeer Abdullah Bahzad
Bachelor of Civil Engineering



Gumana Ayad AlEbyed
Bachelor of Civil Engineering



Hasan Fadhel AlArbash
Bachelor of Civil Engineering



Hasan Saleh AlHerz
Bachelor of Civil Engineering



Hawraa Ahmad AlMosawi
Bachelor of Civil Engineering

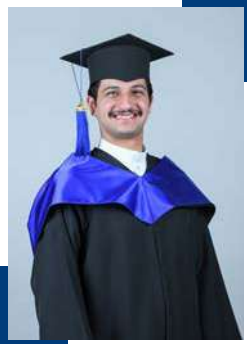


Hessah Adnan AlNasralla
Bachelor of Civil Engineering

BACHELOR OF **CIVIL ENGINEERING GRADUATES**



Hossein Khaled Booazar
Bachelor of Civil Engineering



Khaled Bader AlOtaibi
Bachelor of Civil Engineering



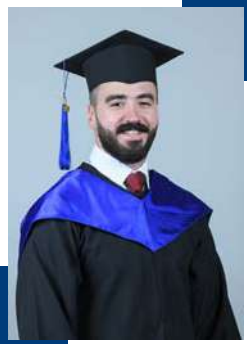
Khaled Waleed AlBasri
Bachelor of Civil Engineering



Latifa Dekheel AlDakheel
Bachelor of Civil Engineering



Lolwah Hamad AlYasin
Bachelor of Civil Engineering



Mahmoud Rateb Othman
Bachelor of Civil Engineering



Maram Ali Hajiah
Bachelor of Civil Engineering



Mariam Naser Salem
Bachelor of Civil Engineering



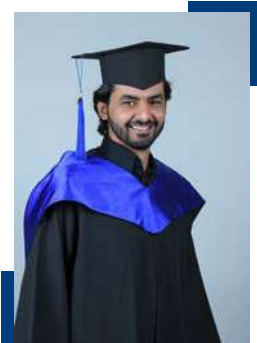
Nada Adel Mohammad
Bachelor of Civil Engineering



Nouf Mubarak AlMutairi
Bachelor of Civil Engineering



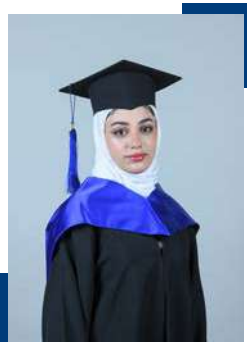
Rashed Bassam AlHajri
Bachelor of Civil Engineering



Salem Jassim AlKhudhari
Bachelor of Civil Engineering



Sarah Saleh AlMesri
Bachelor of Civil Engineering



Shaima Hamed Mejbel
Bachelor of Civil Engineering



Yasmeen Saud AlOtaibi
Bachelor of Civil Engineering



Yousef Makki Hasan
Bachelor of Civil Engineering

BACHELOR OF CIVIL ENGINEERING GRADUATES

Rashed Bassam Rashed AlHajri
Fahed Ahmad Mohammad El-Bajjali
Maryam Kamal Yousef AlDura
Isrra Mousa Ghadban
Avo Nazarit Solakian
Ahmad Jaber Abdullah Haidar
Jafar Sadeq Mohammed Mohammed
Hamed Mohammad Eid AlAzemi
Ali Al Zoobi
Mohammad Jassim Habeeb Asery
Shakila Ahmad Afshar
Zainab Mahdi Ali Al-Obaisi
Fatimah Bader Taher Jamal
Latifa Dekheel Ahmad AlDakheel
Sarah Saleh Hussain AlMesri
Shahah Abdullah Malek AlMalek
Lolwah Hamad Khaleel AlYasin
Gumana Ayad AlEbyed
Reem Mohammad Salem AlDaihani
Fasel Mohammad Mohsen AlEnezi
Hessah Adnan Mohammad AlNasralla
Zainab Dawoud Shaaban Bahzad
Mohammad Faleh Mohammad AlBarbar
Khaled Waleed Abdullah AlBasri
Yasmeen Saud Bader AlOtaibi
Aalaa Abdulla Ahmad AlSaraf
Maram Ali Mohamad Hajiah
Fatima Ebrahim Ali Ashkanani
Fatima Hossam Mohammad AlKoot
Ahmad Karim Neissi
Nouf Mubarak Khalaf AlMutairi
Khaled Bader Fajer AlOtaibi
Ahmad Esmaeil Ebraheem Ebraheem
Yousef Makki Assaf Hasan
Danya Adel Hussain AlKoot

Ghadeer Abdullah Shaaban Bahzad
Daliya Adel Mfteen
Bashayer Meaikel Eid AlAjmi
Faisal Eissa Hadi AlAjmi
Wafaa Saad Samran AlMutairi
Maram Khaled Naser AlOtaibi
Abdullah Majid Abdulaziz Buqura
Hossein Khaled Booazar
Wahaj Hamad Ahmad AlQadeeri
Hasan Salah Mohammad AlHerz
Aisha Hassan Ali Malek
Dhuha Talal Hussain AlEnezi
Maryam Khaled Ahmad Mohammad AlKhateeb
Fatmah Hisham Rashed AlTaweel
Muneerah Mansour Saleh AlRaqea
Mariam Naser Sulaiman Salem
Salem Jassim Saad AlKhudhari
Adlah Abdullah Abdulhadi AlShallahi
Shaima Hamed Salman Mejbil
Anfal Abdulrahman Hussain AlAbbad
Shahin Ahmad Khaled AlQabandi
Baraak Salam Ahmad AlAblani
Rahaf Muteb M AlJameeli
Fatimah Jassim Haji AlKandari
Hassan Ibrahim Atoui
Mahmoud Rateb Othman
Shaikhah Sami Mohammad AlMunaikh
Majed Fahad Majed AlSalem
Farah Khalid Abdulkhaleq Marafi
Hawraa Ahmad Abdullah AlMosawi
Zahrah Jassim Yahya AlQallaf
Nada Adel Abdullateef Mohammad
Hasan Fadhel Abbas AlArbash
Abrar Faisal Edam Hamoud
Modhy Hamad Faleh AlHajry



BACHELOR OF ELECTRICAL & ELECTRONICS ENGINEERING GRADUATES



Asama Akhtar Hussain
Bachelor of Electrical & Electronics
Engineering



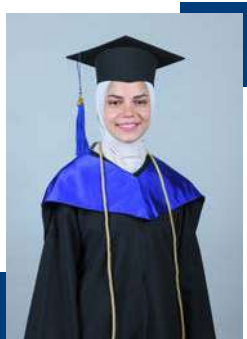
Dina H. Sammour
Bachelor of Electrical & Electronics
Engineering



Hissa Abdullah Fairouz
Bachelor of Electrical & Electronics
Engineering



Kawthar Faisal Abonakira
Bachelor of Electrical & Electronics
Engineering



Mayar Mohamed Desouky
Bachelor of Electrical & Electronics
Engineering



Mohammad Khalaf AlHarbi
Bachelor of Electrical & Electronics
Engineering



Nader Nabil Mohammad
Bachelor of Electrical & Electronics
Engineering



Rasheed Ahmad AlMutairi
Bachelor of Electrical & Electronics
Engineering



Saab Ahmad AlThafiri
Bachelor of Electrical & Electronics
Engineering



Sameera Deyaeldeen Abouseido
Bachelor of Electrical & Electronics
Engineering



Samya Waleed Al Alawi
Bachelor of Electrical & Electronics
Engineering



Zahra Ali AlMousawi
Bachelor of Electrical & Electronics
Engineering

BACHELOR OF ELECTRICAL & ELECTRONICS ENGINEERING GRADUATES

Salah Waheed Redha Yousef
Rahab Ahmad Ghuloum AlJomaa
Abdullah Yousef Yaqoub AlMansour
Samya Waleed Khalfan Al Alawi
Hessa Adel Saleh AlAmer
Saab Ahmad Hamdan AlThafiri
Mohammad Khalaf Baddai AlHarbi
Saad Ali Motlaq AlMutairi
Saad Ahmad Saad AlAzemi
Hissa Abdullah Mahmoud Fairouz
Mohammad Mansour Sayel AlAjmi
Rasheed Ahmad Rasheed AlMutairi
Zahra Ali Sayed Hussain AlMousawi
Ali Haidar Haidar Mohammad Redha
Maali Mohammad Dhaifallah AlAzemi
Husain Emad Hasan AlAbdullah
Sameera Deyaeldeen Akram Adwi Abouseido
Mohammad Nasser Mohammad AlRabia
Omar B. O. Omar
Kawthar Faisel Mohammed Abonakira
Marah Mohammed Mansor AlMallah
Mayar Mohamed Galal Desouky
Asama Akhtar Hussain
Dina H. Z. Sammour
Ahmad Raafat AlMursi Salem
Nader Nabil Mustafa Mohammad
Hussain Rustom Ali Sanqur
Abdulrahman Khaled Jaafar Ali
Sanad Rashed Mubarak Fahem
Fahad Lafa Mohammad AlMutairi
Abdullah Fares Mohsen AlEnezi



BACHELOR OF **MECHANICAL ENGINEERING GRADUATES**



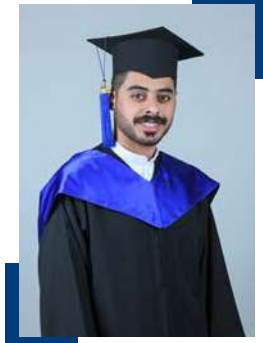
Fahad Abdulrahman AlMuhaiteeb
Bachelor of Mechanical Engineering



Haya Khaled Johar
Bachelor of Mechanical Engineering



Hussein El Khatib
Bachelor of Mechanical Engineering



Ibrahim Waleed AlDraiweesh
Bachelor of Mechanical Engineering



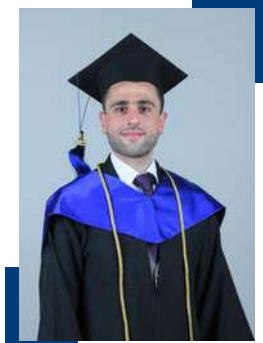
Jwan Khaled AlOtaibi
Bachelor of Mechanical Engineering



Khalaf Adel AlSaeed
Bachelor of Mechanical Engineering



Kinda Ahmad AlJeemaz
Bachelor of Mechanical Engineering



Mohamad Safawi
Bachelor of Mechanical Engineering



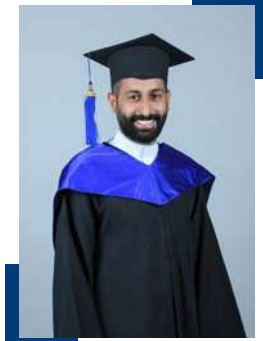
Mohamed Husam Nour
Bachelor of Mechanical Engineering



Mohammad Jassim Ashkanani
Bachelor of Mechanical Engineering



Mohammad Mannaa AlAjmi
Bachelor of Mechanical Engineering



Mohammed Abbas Mohammad
Bachelor of Mechanical Engineering



Mohannad Wael ElSayed
Bachelor of Mechanical Engineering



Muneera Emaduldeen Bourisly
Bachelor of Mechanical Engineering



Noor Mohammad Ghaleb
Bachelor of Mechanical Engineering



Nouf Zaher AlSharhan
Bachelor of Mechanical Engineering

BACHELOR OF **MECHANICAL ENGINEERING GRADUATES**



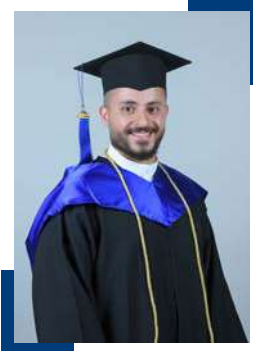
Nourah Saad AlSaeidi
Bachelor of Mechanical Engineering



Raza Ali Sajid Syed
Bachelor of Mechanical Engineering



Sa'ed Waleed Fraij
Bachelor of Mechanical Engineering



Saleh Khaled AlMazidi
Bachelor of Mechanical Engineering



Salma Saleh AlNaham
Bachelor of Mechanical Engineering



Saud Baddah AlHajeri
Bachelor of Mechanical Engineering



Yousef Naji AlShammari
Bachelor of Mechanical Engineering

BACHELOR OF MECHANICAL ENGINEERING GRADUATES

Abdulaziz Hussain Abdulaziz AlShatti
Mahdi Salah Abbas AlKhudhari
Ahmad Fayez Marzouq Abdullah Mohammad
Abdulla Fahhad Fahad AlAjmi
Dhari Qosai Hussain AlZanki
Azzam Mejbek Ayyad AlOsaimi
Mohammad Essam Mahmoud Naghwai
Bader Suwayed Saud AlAjmi
Sulaiman Salah Bandar AlQemlas
George Bassam Khal
Aseel Nayef Abdullah AlMutairi
Abdulghani Omar AlMearawi
Reham Manzoor Hussain
Nour Raed Adnan Qantari
Fahad Ahmad Fahad AlHamdan
Mohammad Hasan Abdullah Mulla Ali
Abdullah Basem Suhail AlSuhail
Khaled Yaseen Makki AlDousari
Mohammad Ahmad Hasan Mohammad
Abdullatif Ahmad Abdullatif AlDeei
Mohammed Abbas Hussain Mohammad
Mohammad Bader Mohammad AlHobaishi
Husain Abdullah Fahad AlEnezi
Ahmed Ali Mohammad AlMutairi
Noor Mohammad Abdulaziz Ghaleb
Bashayer Salem Saleh Mejbek
Khalaf Adel Khalaf Jadaan AlSaeed
Abdullah Khaled Abdullah Mathloun
Mohammad Mannaa Ali AlAjmi
Abdelrahman Hazem Nabil Abdelgani Gameel
Mohamed Husam Abdelkarim Hussein Nour
Saleh Abdullah Saleh AlHassan
Talal Marshad Rubah AlRashidi
Laila Fares H AlEnezi
Saud Baddah Shawrdi AlHajeri

BACHELOR OF MECHANICAL ENGINEERING GRADUATES

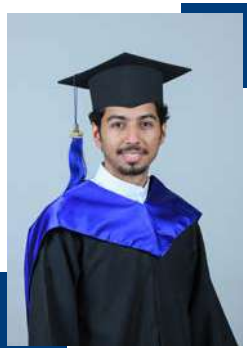
Ahmad Abbas
Mohammed Ahmed A AlMarzouq
Naser Mufarrej Mansour AlMufarrej
Mohamad Safawi
Asayel Osamah Khaled AlRomei
Heedar Mohammad Abdulsamad AlSafar
Ali Mannaa Ali AlAjmi
Meshari Abdulnaser Khamees AlAbbasi
Saleh Mohammad Mutairan AlAazmy
Yousef Saqer Yousef Al Bin Ali
Abdualaziz Ali Hasan AlAjmi
Bader Jassim Mohammed AlQattan
Bandar Nayef Bandar AlMutairi
Kinda Ahmad Hamad AlJeemaz
Naser Mohammad Fahad AlSaqer
Houmood Abdulaziz Abdullateef AlMutawa
Ibrahim Adel Darweesh Qasem
Mashael Fahad Kameel Marzouq
Ibrahim Waleed Helal AlDraiweesh
Mohammad Jassim Mohammad Ashkanani
Maryam Ashraf Mubarak AlHammar
Ryan Hamad Mubarak Hamad
Aisha Ebrahim Ahmad AlBalool
Nourah Saad Meshjar AlSaeidi
Asmaa Anwar Omar AlRefaei
Sonds Mahmoud Mohammad Baqer
Salma Saleh Yousef AlNaham
Sarah Khalaf Naser AlMutairi
Ahmed Abdulrahman Fawzi Imdoukh
Ali Hossen Kohel
Ghaleyah Mohammad Ebrahim AlFaraj
Khaled Sulaiman Ahmad AlMohammad
Yousef Naji Soubah AlShammari
Saleh Khaled Majed AlMazidi
Mohammed Ahmad Abdullah AlEnezi

BACHELOR OF MECHANICAL ENGINEERING GRADUATES

Aya Tarhini
Lulwah Mubarak Mohammad AlSamhan
Fatma Mohammad Mousa Saleh
Abdulrahman Yousef Abdullah AlKandari
Haya Khaled Salem Johar
Sa'ed Waleed Zaki Fraij
Ali Adel Ali AlAzmi
Muneera Emaduldeen Fahad Bourisly
Abdulelah Aqeel M AlDhafeeri
Mohammed Jaber Mohammed AlHajri
Mohammad Hamdan Mohammad AlSaeedi
Husain Abdulhadi Jaser AlEnezi
Jwan Khaled Mohammad AlOtaibi
Mohannad Wael Mohamed Abdelrahman ElSayed
Ahmed Issa M. AlQadi
Hussein El Khatib
Faisal Fahad Falah AlMutairi
Faisal Mohammad Saleh Jamal
Mashal Hesham Abdullah Ahmad
Teebah Hamad Barrak AlBarak
Nouf Zaher Abdulmohsen AlSharhan
Raza Ali Sajid Ali Syed
Saud Sabah Abduljaleel AlHendal
Yousef Ali Ahmad AlShatti
Abdulaziz Saoud Abdulaziz Husain
Fahad Abdulrahman Mohammad AlMuhaiteeb
Mohammad Humoud Shanar AlZoabi
Fahad Farraj Hajjaj AlAiban
Abdullah Farouq Rashed AlQaoud
Danah Fawzi Khaled AlRashed



BACHELOR OF **PETROLEUM ENGINEERING GRADUATES**



Abdulkareem Mohammed Aldraish
Bachelor of Petroleum Engineering



Abdulrahman Naser AlNejadah
Bachelor of Petroleum Engineering



Abdurahman Mahdi AlAjmi
Bachelor of Petroleum Engineering



Abrar Ali Ben Husain
Bachelor of Petroleum Engineering



Ali Jaafar Redha
Bachelor of Petroleum Engineering



Anoud Shamlan AlAnezi
Bachelor of Petroleum Engineering



Dalal Haji Buftain
Bachelor of Petroleum Engineering



Danah Dekheel AlHalil
Bachelor of Petroleum Engineering



Faisal Ghazi AlOtaibi
Bachelor of Petroleum Engineering



Fatema Adel AlEnezi
Bachelor of Petroleum Engineering



Ghadeera Mahmoud Zadah
Bachelor of Petroleum Engineering



Ghala Mohammad Al Mutairi
Bachelor of Petroleum Engineering



Heba Allah Ammar Kumainasy
Bachelor of Petroleum Engineering



Husain Mohammad AlShamali
Bachelor of Petroleum Engineering

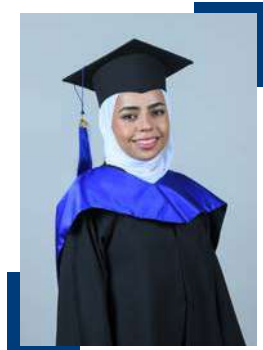


Kawthar Jassim Ahmad
Bachelor of Petroleum Engineering

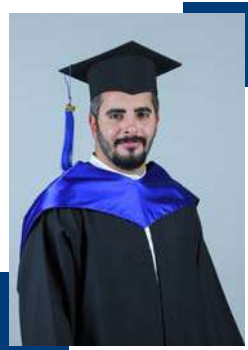


Maha Saad AlMutairi
Bachelor of Petroleum Engineering

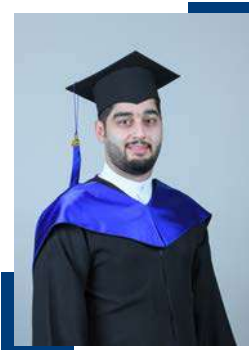
BACHELOR OF **PETROLEUM ENGINEERING GRADUATES**



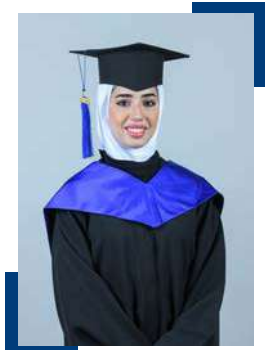
May Fawzi AlHamdan
Bachelor of Petroleum Engineering



Mohammad Saleh AlShehouni
Bachelor of Petroleum Engineering



Mohammad Yousef AlKhadher
Bachelor of Petroleum Engineering



Mona Khaled AlZufair
Bachelor of Petroleum Engineering



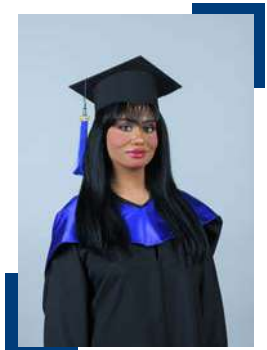
Monerah Fahad Al Rabah
Bachelor of Petroleum Engineering



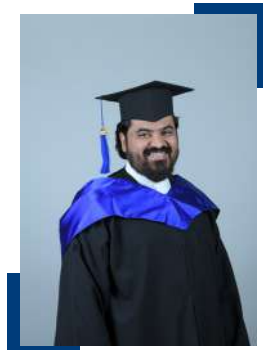
Mubarak Meazi AlMetlea
Bachelor of Petroleum Engineering



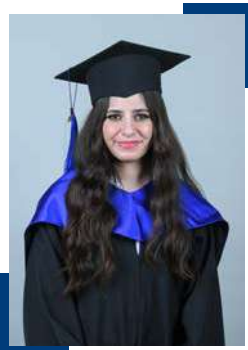
Muneera Abdulaziz AlMuwaizri
Bachelor of Petroleum Engineering



Munirah Ahmad AlHadhoud
Bachelor of Petroleum Engineering



Musaед Abdulaziz Ali
Bachelor of Petroleum Engineering



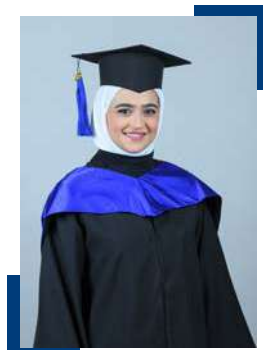
Noor Marwan AlHaddad
Bachelor of Petroleum Engineering



Noor Salah AlYaqoub
Bachelor of Petroleum Engineering



Norah Bassam AlAzmi
Bachelor of Petroleum Engineering



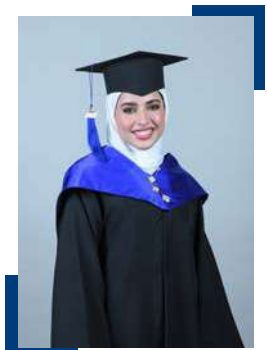
Norah Yousef Ahamsaldeen
Bachelor of Petroleum Engineering



Nour Basheer AlEnezi
Bachelor of Petroleum Engineering



Raghda Tarek Abdelsalam
Bachelor of Petroleum Engineering

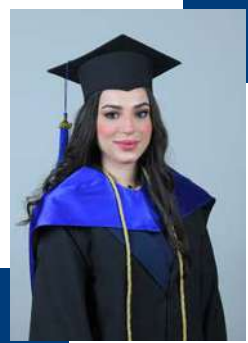


Rahaf Jassim AlShehri
Bachelor of Petroleum Engineering

BACHELOR OF **PETROLEUM ENGINEERING GRADUATES**



Retaj Mohammed AlEnezi
Bachelor of Petroleum Engineering



Ritaj Waleed Shamuh
Bachelor of Petroleum Engineering



Tahany Soud AlShaalan
Bachelor of Petroleum Engineering



Taiyeba AlAmgir
Bachelor of Petroleum Engineering



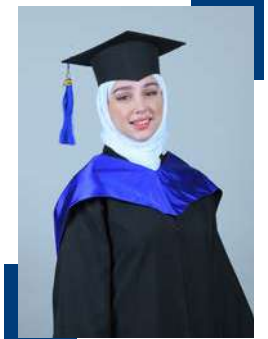
Wanas Saad AlOtaibi
Bachelor of Petroleum Engineering



Wuroud Qasem AlHendal
Bachelor of Petroleum Engineering



Zahraa Hussain AlSairefi
Bachelor of Petroleum Engineering



Zahraa Hussain Malak
Bachelor of Petroleum Engineering

BACHELOR OF

PETROLEUM ENGINEERING GRADUATES

Faisal Ghazi Mohammad AIOtaibi
Mohammad Mahmoud AlHamid
Musaed Abdulaziz Mohammad Ali
Maha Saad Saadi AlMutairi
Mohammad Saleh Salem AlShehoumi
Jafar Nader Haydar AlWazan
Meshal Mannaa Abdullah AlMutairi
Norah Bassam Mubarak AlAzmi
Mohammad Yousef Mohammad AlKhadher
Khadeejah Ahmad AlMohammad Ali
Rahef Abbas Madloul Nasser
Basel Ghanim Dahash AlRashidi
Mubarak Meazi Majed AlMetlea
Mohammad Ahmad Hussain Beloushi
Mohammad Khaled Mezel AIOtaibi
Ishaq Ayoub Yousef Kamal
Saad Mohammad Saad AlMajdi
Ali Hasan Abdullah Mohammed
Monerah Fahad Khaled AlRabah
Ali Wasel Ali AlMutairi
Abdulrahman Naser Saleh AlNejadah
Heba Allah Ammar Kumainasy
Ritaj Waleed Ahmad Shamuh
Retaj Mohammed A AlEnezi
Raghda Tarek Abdo Abdelsalam
Abdulrahman Mahdi Mohammad AlAjmi
Ahmad Abdullah Mejbek AlAzmi
Fajer Khaled Abdullah Ahmad
Anoud Shamlan Sulaiman AlAnezi
Shomoukh Jaber Humoud AlFadhli
Rawya Hussain Abdullah Baqer
Fahad Ahmad Saud Alfraij
Rahaf Jassim Mohammad AlShehri
Mohammad Abdulwahed Muhanna AlMuhanna
Noor Salah Eissa AlYaqoub
Fajar Abdullah Ali Ben Fahad
Munirah Ahmad Eid AlHadhoud
Tebah Sami Mubarak AlRajhi
Abdulrahman Thamer Farhan Thamer
Wuroud Qasem Khaleel AlHendal

Ghadeera Mahmoud Hussain Zadah
Kawthar Jassim Ahmad Ahmad
Khaled Hadi Mohammad AlEnezi
Fatema Adel Eissa AlEnezi
Ali Jaafar Hussain Redha
Abdulkareem Mohammed A AlDraish
Sayed Ahmad Abdullateef Sayed Mustafa
Nadeen Saud Bader AIOtaibi
Ahmad Hamed Khaleel AlSairefi
Ebrahim Bader Abdullah AlHaddad
Ali Mohammad Hussain Mohammad
Husain Mohammad Najaf AlShamali
Dalal Haji Taher Buftain
Abdulwahab Mostafa Naser AlMutawa
Mudhi Soud Khudair AlMutairi
Abrar Ali Abbas Ben Husain
Noor Marwan Mohamed Ramadan AlHaddad
Bedoor Mubarak Ali AlKandery
Taiyeba AlAmgir
Hasan Abdulmajeed Abbas Shehab
Yousef Aber Sabr AlShammari
Amani Falah Rassam AlHajri
Abdullah Khaled Abbas Abdullah Ali
Nour Basheer Hamad AlEnezi
Tahany Soud Mohammad AlShaalan
Maram Meshal Nahar AlHuseni
May Fawzi Mohammad AlHamdan
Norah Yousef Ali Shamsaldeen
Danah Dekheel Sulaiman AlHalil
Muneera Abdulaziz Abdullah AlMuwaizri
Maryam Jamal Faisal AlHaddad
Mona Khaled Mohammad AlZufair
Zahraa Hussain Mohammad Malak
Abdullah Saleem Farhan AlBekheet
Amal Talal Salamah AlEnezi
Mostafa Haidar Saleh Hasan
Wanas Saad Abdulaziz AIOtaibi
Ghala Mohammad Ali AlMutairi
Fajer Waleed Hussain AlQallaf
Zahraa Hussain Majeed AlSairefi



DIPLOMA OF CIVIL ENGINEERING GRADUATES



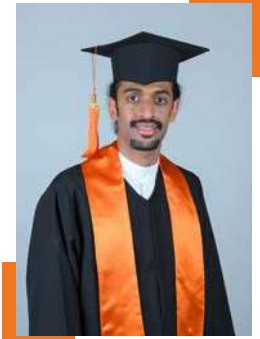
Ali Mohammad AlSarraf
Diploma of Civil Engineering



Aljazei Ahmad AlAazmy
Diploma of Civil Engineering



Doha Talal AlMutairi
Diploma of Civil Engineering



Husain Ali AlMahdi
Diploma of Civil Engineering

DIPLOMA OF CIVIL ENGINEERING GRADUATES

Abdullah Hussain Abdullah AlAjmi
Fatemah Abdullah Hassan AlZuabi
Reem Ayed Habbas AlEnezi
Fatemah Abdullah Abdulrahman Akbar
Jasem Abdulameer Yaseen Abdal
Fahad Osama Jawad AlSayegh
Nejood Ghareeb Fahad AlMutairi
Mohammad Fadhel Mostafa Khalaf
Danah Khaled Hamdan AlSuwayyan
Mona Sultan Meteib Mnahy
Nourah Khaled Mohammad Zabar AlHarbi
Abdualla Jalal Abdualla Jamal
Taibah Bader Naser AlEnezi
Moudy Mosleh Zaben AlMutairi
Thamer Saad Thamer AlAzmi
Bader Naser Ayed AlRasheedi
Bazah Abdullah Abdullateef AlKhayat
Ali Mohammad Ahmad AlSarraf
Aiedh Adel Aiedh AlRashidi
Abdulaziz Othman Khaled AlDayel
Habeab Khaled Mohammad AlKandari
Zainab Faisal Ahmed AlShatti
Edris Ahmad Edris AlDousari
Khaled Bader Khaled AlMutairi
Nawar Khatem Naser AlAjmi
Omar Saleh Mohammad AlShammari
Ali Elyas Raeisy Nafchi
Fnan Ahmad Abdullah AlMutairi
Bilal Ghaddar
Mohammad Abdullah Eid Abdullah
Mohammad Fadhel Mohammad AlFadhel
Noor Bader Abdulrahman AlSaree
Aljazei Ahmad Salem AlAazmy
Shaikhah Abdullah Saleh AlHassan
Fadak Ahmed Mohammed AlQallaf
Badriah Meshari Eissa AlShati
Hamad Ali Meazi AlRashidi
Norah Jassim Ahmad AlHomoud
Danah Waleed Ghareeb AlKanderi
Sayed Hussain A S M S A Sayed Mostafa

Retaj Jawad Mohammad AlSaraf
Maryam Abdulaziz Eid Thani
Munirah Amer Khlaif Hajar
Lujain Meshari Salem AlSalem
Fatmah Dawoud Sulaiman AlHadad
AlBandari Marzouq Helil Ojail
Anfal Mohammed Abdullah AlJazzaf
Fouz Meshal Turki AlThafiri
Mansour Salah Mansour AlShatti
Danah Abdullah Waleed AlKandery
Dana Mohamad Alsaaid Mousstafa
Mohammed Saad Mohammed AlAzimi
Elaf Fayez Sulaiman AlDhayan
Yousef Abdullateef Abdullah AlRefae
Dunya Bader Khalil AlJarki
Noor Mubarak Reden AlFartaj
Lina Mohammed Lutfi Abdel Jawad
Fatma Reyadh Eissa AlOun
Abdalmohsen Barrak Abdalmohsen Almedej
Deaiej Naser Manea AlAjmi
Doha Talal Yousef AlMutairi
Husain Ali Jawad AlMahdi
Danah Resheed M AlResheedi
Dhoha Khaled Abdullah AlShatti
Ghazlan Mohammad Ahmad AlMesbah
Tourki Fahad Mohammed AlMutairi
Latifah Mohammad Abdulwahab AlHouli
Ahmad Humoud Motlaq AlRashidi
Ward Meshal Abdullah AlOtaibi
Jenan Naser Hussain AlBoloushi
Haya Shaker Taha AlMaghrebi
Shooq Saleh Abdullah AlFadaghi
Zaynab Mohammad Jahan Bin
Salah Jassim Badi AlShammari
AlGhalia Naser Abdulrahman Bouarki
Manayer Saleh Ahmed Zeyab
Abdullah Mohammad Saud Zamanan
Mariam Ali Sulaiman AlYoooha



DIPLOMA OF ELECTRICAL & ELECTRONICS ENGINEERING GRADUATES



Abdulmuhsen Yaqoub Hajjeah
Diploma of Electrical & Electronics
Engineering



Mariam Jumaah Alkhashti
Diploma of Electrical & Electronics
Engineering

DIPLOMA OF ELECTRICAL & ELECTRONICS ENGINEERING GRADUATES

Majed Hayef Metreb AlEnezi
Reem Sulaiman Soud AlMutairi
Adnan Abdullateef Sayed Duair Sharhan
Khaled Ghali Hamdan AlShammari
Ali Tareq Mohammad AlAbdullah
Rahmah Salem Abdulmohsen AlMarri
Maryam Mohammad Ghaleb AlOtaibi
Faisal Barrak Abdulrahman AlObaid
Mohammed Waleed Hasan AlKandari
Zainab Hussain Abdullah AlNajjar
Abdulrahman Mohammad Mubarak AlAjmi
Abdulaziz Majed Sary AlMutairi
Khaled Abdulwahab Hamad AlBeshi
Shaikhah Dawood Sulaiman AlAbdulhadi
Hawraa Eissa Haider Sarraj
Naif Mohammad Naif AlOtibi
Bader Mejbel Oufi AlBathali
Abdullah Khaled Ali Madouh
Yousef Ahmad Fahad AlShammari
Mariam Jumaah Salem AlKhashti
Mohammed Adel Mohammed AlAbdallah
Abdulmuhsen Yaqoub Ghuloum Hajjeah
Essa Affan Hussain AlKandari
Nasser Mahhmed AlMoghir
Amash Khaled Amash AlAslmi
Ahmad Abdullah Abdulredha Qasem
Abdulrahman Taha Saeed AlFailakawi
Hussain Ali Hussain Safar
Kareemah Sami Homoud Ali
Abdullatif Saud Abdulaziz AlMatoq
Afrah Mohammad Ali AlMutairi
Husain Saleh Naser AlBuloushi
Batool Ehsan Sayed Sharhan
Ayah Mohammad Saleh AlSaraf
Mariam Mohammed Yaqoub Mumen
Khaled Waleed Yahya AlKhalefy
Amnah Khulaif H AlDhafeeri
Muneerah Anwer Ahmad AlAwadhi
Meshari Muhyedeen Abduljabbar AlNaibari
Abdullah Saleh Abdullah AlBarazi

Fajer Lafi Suker Mutlaq
Yousef Fayyadh Eissa AlEnezi
Abdullah Abdulrazaaq Abdulrazaaq AlKhamees
Jassem Mohammad Jassem Kldani
Laila Abdullah Mohammad Zadah
Ahmad Majeed Ebrahim Haider
Talal Abdulaziz Abdulkareem AlEnezi
Mohammed Ahmad Haji Lari
Ali Fahad Naser AlKhatib
Khaled Salem Naser AlAzemi
Sarah Abdullateef Saleh AlEnezi
Nasser Mohammad Eissa AlMousawi
Abdalla Mohammad Abdalla AlAjmi
Mehmood Adnan Zayed
Suliman Saleh Sahhaf Ali
Maryam Bader Abdulwahab AlShatti
Fahad Jazzaa Fahad AlEnezi
Fatemah Fahad Eissa Boshehri
Haya H. Z. Sammour
Balqis Bader Naser AlEnezi
Alaa Murtadha Nassar Othman
Abdullah Faisal Abdullah Badah
Rashed Ahmad Mubarak AlAli
Hasan Yaser Abdullah AlKhamees
Abdullah Saad Abdullah Ahmad
Yousef Khaled Mohammad AlHajri
Noor Khalaf Mohammad AlMutairi
Fawaz Adam Morjan Ahmad
Atyab Mohammed Jassem Khalefa
Hisham Jamal Hisham AlKishawi
Raghad Adel Mohammad AlAwadhi
Abdulaziz Osama Abed-Al-LatefNaser
Ali Khaled Ahmad Haiat
Ali Abdulkareem Naser AlJufaira



DIPLOMA OF MECHANICAL ENGINEERING GRADUATES



Abdulrahman Abdulraheem Alkandari
Diploma of Mechanical Engineering



Maryam Mohammad AlTammar
Diploma of Mechanical Engineering

DIPLOMA OF MECHANICAL ENGINEERING GRADUATES

Haya Saleh Abdullah Bughaith
Mahdi Khaleel Malak Dashti
Abdullah Khaled Eissa AlQarawi
Shahad Saud Abdulaziz AlAjman
Sarah Mohammed Fadhel AlMutawa
Shouq Naser Bader Muhammad
Mousa Sulieman Hussain AlSarraf
Ahmad Ali Aboud Mualla
Mohammad Omar Mohammad AlKandari
Ahmed Bader Abdulmajeed Hasan
Saleh Abdulhameed Salem Bin Salem
Ahmad Abdullah Barakah AlMutairi
Sayed Abbas Fadhel Sayed Ali
Abas Mohammad Ayesha AlQattan
Salem Musa'ed Saleh AlDuwaisan
Yousef Ahmad Nasser AlNassar
Yousef Ahmad Mohammad Hassan
Taibah Fahad Amaom AlAzmi
Ahmed Thafar Jamal Kittaneh
Taibah Husain Ali Albader
Saud Farraj Saud AlSubaei
Meshari Adel Hussain AlHamed
Mohammad Sami Sanad AlMatar
Yousif Yaqoub Yousif AlEssa
Faisal Saleh Abdullah Barak
Tareq Sami Abdullah AlYaqout
Shahad Sami Rashed AlAbdullah
Abdulrahman Hamad Abdulrahman AlHajeri
Oussama El Khatib
Abdullah Yousef Ebrahim AlMulla
Abdulrahman Khaled Fahad AlOtaibi
Saied Mohamed Awad Solayee
Salem Mohammad Abdullah AlZofiri
Nouran N. Sh. Mahmoud
Mohammad Bader Mohammad AlOtaibi
Abdulaziz Osamah Abdulaziz AlKhudher
Khaled M. K. Sarhan
Abdullah Saleh M AlShahrani
Nayef Heilan M AlMutairi
Hamad Hatim Nasser Mohammad
Saleh Bader Lafi AlDaihani
Jamal Ahmad Taher AlKhateeb
Mohammad Suliman Khalifa AlEnezi
Abdulaziz Emad Abduljabar AlSayyar
Maryam Mohammad Ali AlTmaar
Abdul Kareem Issam Abdul Kareem Hammad
Abdullah Mohammed Mefreh AlAzmi
Abdullah Othman Jumaah Saleh

Mohammed Osama Nafith Al-Adham
Abdulaziz Salem Mohammed AlHbeel
Osamah Edrees Faleh Aldaihani
Kawther Mahmoud Ahmad Hasan
Fatimah Khaled Abdulkareem Shamoh
Hasan Ghusun Bakheet AlAjmi
Reem Abdulrahman Abdulmohsen AlZaher
Fonar Motlaq Saud AlMutairi
Abdullah Naser AbdAlnabi AlHendal
Mustafa Obeissi
Mohammad Muneer Hasan Bahbahani
Hajar Mohammad Kamel AlSubaiei
Abdullah Khaled Sabah AlBuloushi
Fahed Mohammad Khamees AlAbbasi
Ramzi Raed Amad
Hamad Abdullah Khalil AlMusaibeeh
Yousif Ali Najem AlDousari
Ali Mohammad Rashed AlAsousi
Khaled Talal Sulaiman AlKhaldy
Fahad Ahmad Hamed AlMutairi
Mohammed Yousif Abd Ali AlEbraheem
Hussain Mahdi Hussain Abbas
Mahmoud Hamed Mahmoud Qabazard
Naser Hajji Saleh AlRasheedi
Ltefah Bader Jasem Thyab
Zaid M. K. ElFara
Abdulaziz Fahad Ghazzai Rumaih
Mohammad Abdullah Yousef Ghuloum
Naser Dlain Thayer AlOtaibi
Abdulaziz Naif Abdullah AlHarbi
Saleh Hasan Farhoud AlAjmi
Meshari Yaser Mallalah Mallalah
Ali Mahmoud Ali Behbehani
Abdulrahman Abdulraheem Ahmad AlKandari
Balqeis Eissa Eid AlResheedy
Awadh Mubarak Awadh AlRashidi
Turky Basem Mamdouh Alenezy
Mohammad A M Ajeel
Abdullah Hussain Khalaf Mohammed
Salman Abdolreza Heidari
Abdullah Jelowi Fahad AlAjmi
Kholood Salem Bader AlBader
Abdullah Nayef Abdullah AlHarbi
Sulaiman Yaqoub Yousef AlHuraibi
Khaznah Fahad Shuwaimi AlAzmi
Ahmad Adnan Mustafa AlAli
Omar Khaleel Awwad AlAzmi
Adnan Mohammad Hasan AlOstad



DIPLOMA OF PETROLEUM ENGINEERING GRADUATES



Abeer Fawaz
Diploma of Petroleum Engineering



Dalal Mohammad Alkhudari
Diploma of Petroleum Engineering



Dhuha Abdullah Bin-Obaid
Diploma of Petroleum Engineering



Hajar Asaad AlEnezi
Diploma of Petroleum Engineering



Maryam Abdullah AlRashed
Diploma of Petroleum Engineering



Mohammed Fadhel Akbar
Diploma of Petroleum Engineering

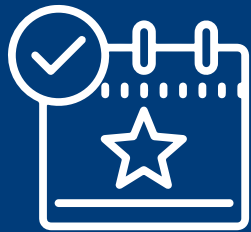


Shahad Rashid AlBathali
Diploma of Petroleum Engineering

DIPLOMA OF PETROLEUM ENGINEERING GRADUATES

Saad Fahad Mubarak AlHouti
Shahd Salem Ibrahim AlQatan
Shahad Rashid Mutair AlBathali
Fatmah Ahmad Abdulmajeed AlBouhasan
Sarah Ajeel Abdullah Salah
Naser Waleed Mazyad AlDosari
Abdulaziz Hassan Oudah AlShammari
Alanoud Ali Naser AlBassam
Mohammed Thunayan Sulaiman AlKhashan
Sarah Abdullah Jawad Hasan
Faisal Abdulrahman Ahmad AlBalool
Bandar Saleh Saad AlDaihani
Namareq Saleh Eid Ali
Ahmad Abdulsalam Ahmad AlMesfer
Mohammad Ali Younis Ahmad
Dhari Abdullah Khalif AlEnezi
Mohammad Khaled Ebrahim Salmeen
Hassan Abdulla Essa AlBloushi
Yousef Faisal Abdullah AlFaresi
Janan Jamal Hussain Kassim
Moath Wael Saad AlAsaq
Shahed Jassim Mubarak AlQahatani
Salem Rasheed Faleh AlRsheed
Negoud Abdullah Lamaan AlAjmi
Amar Khaled Yousef AlMulla
Asmaa Jasem Lail AlEnezi
Fahad Bader Abdulaziz AlEwees
Mohsen Theeb Saud AlAjmi
Abeer Fawaz
Amar Yahya Yousef Hussain
Ali Mohammad Khalaf AlRamzi
Shahed Abdullah Fahad AlMansour
Fatma Tareq Roudhan AlShammari
Abdullah Saad Abdullah Hadrous
Kawther Abdulredha Koozad Mohammed
Dhuha Abdullah Eid Bin-Obaid
Dalal Mohammad Othman AlKhudari
Naser Khaled Sudan AlDhuwahi
Manaris Abdulaziz Abdullah Morad
Ahmad Mohammad Tulaihan AlOtaibi
Kawthar Sadeq Ahmad Mairza
Torki Abdullah Ghaleb AlEmtairi
Gomanah Husam Ghali AlKhussaili

Salem Haitham Ramadhan Ali Mohammad
Asraa Makki Assaf Hasan
Bader Yousef Fahad AlMaghrbi
Fadeela Faisal Mohammad AlMohsen
Shekhah Mohammad Abdullah AlHouti
Maryam Shafeeq Ameen AlAwadhi
Norah Rajeh Bakheet AlAsfoor
Hajar Asaad Saleh AlEnezi
Haya Yousef Ali AlAwadhi
Mohammed Fadhel Mohammed Akbar
Mohammed Mubarak Mousa AlBeloushi
Haya Saad Meshjar AlSaeedi
Abdalrahman Khlaif Mohammad Oqlah
Abdulwahab Hamad Jaber AlRashidi
Othman Khaled Ali AlSebaiei
Abdulaziz Faleh Braidan AlHajri
Sarah Lazam Awadh AlRashidi
Maryam Abdullah Eissa AlRashed
Abdulaziz Abdullah Ahmad AlAhmad
Rayan Wael Ali AlAli
Ahmad Fayez Ahmad AlKhamees
Layan Faris H AlAnazi
Ghazi Khaled Abdulwahab AlKhayat
Bader Naser Yousef AlShamroukh
Thunayan Zayed Saleh AlObaid
Saud Abdulaziz Ali AlAnsari
Dary Reden Saleh AlDaihani



COLLEGE OF ENGINEERING

Events



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College of Engineering Representatives Meeting With Burgan For Well Drilling Company Representatives

The Dean of College of Engineering Dr. Mohammed Abdul-Niby along with the head of departments Dr. Fadi Al Khatib, Dr. Hassan Salti and Dr. Mortadha Saba met on Tuesday 13th of September 2022 with Mr. Ahmad Al Otaibi and Mr. Rami Kassab from Burgan for Well Drilling to discuss future collaboration.

Mr. Al Otaibi provided a presentation on a vision between the College of Engineering and his two companies, Burgan Drilling and Hamad Al Hamad General Trading and Contracting. This includes providing students with an internship, participation in the PBL course and classroom visits whereby members of both companies would visit students to discuss careers in their respective fields of study. With the growth of both companies, Mr. Al Otaibi felt the need to provide students with opportunities to enrich their knowledge of industry practices to ensure they have a solid understanding of their chosen careers. They ended the meeting with a discussion to formally signing an MOU.



College of Engineering Representatives Visit to Chery Al Ghanim

The representatives of the College of Engineering Dr. Hassan Salti, Dr. Fadi Al Khatib along with Ms. Joumana Tasse met on Tuesday 27th September 2022 with Ms. Forat Nehmani at Chery Al Ghanim to discuss student engagement and other areas of collaboration with the College of Engineering.



10th Kuwait Collegiate Programming Contest (KCPC)

Two teams from the Electrical and Electronics Engineering Department participated in the 10th Kuwait Collegiate Programming Contest (KCPC 2022) on 28th Sep 2022 and 1st Oct 2022, supervised by Eng. Hania El Kanj.

First Team:

Fahad Jazzaa AlEnezi
Ahmad H A A Almutawa
Sarah Abdullateef AlEnezi

Second Team:

Othman Jamil Muzher
Haya H. Sammour
Ali Fahad AlKhatib



KCPC 2022 SCHEDULE			
28/9 WEDNESDAY		1/10 SATURDAY	
4:00-5:00 pm	Registration	8-8:30 am	Teams Arrival
5:00-5:30 pm	Opening	8:30-8:45 am	Group Photos
5:30-6:00 pm	Orientation	9:00-3:00 pm	Contest
6:00-6:45 pm	Prayer Break	3:00-6:00 pm	Break
	+Team Photos (In T-shirt)	6:00-7:30 pm	Closing Ceremony
7:00-9:00 pm	Practice	7:30 pm	Dinner



The New Australian Ambassador Visit to AU



The new Australian Ambassador-designate to Kuwait, Her Excellency Ms. Melissa Kelly, Ms. Natassia Kaufman, Deputy Head of Mission and Consul visited the Australian University (AU) on Wednesday 5th of October 2022.



During Her Excellency's campus tour, she visited the College of Engineering Labs and workshops.

Associate Dean Recruitment & International of the Faculty of Science and Engineering



On Tuesday 11th of October 2022, the Associate Dean for Recruitment and International of the Faculty of Science and Engineering, University of Wolverhampton, UK, Dr. Michael Gerges, visited the Australian University (AU).

He met with Dr. Mohammed Abdul-Niby (Dean College of Engineering), Dr. Mohammad Hany Yassin (Head of Civil Engineering), Ms. Johanne Flynn (Manager International Relations) and Prof. Martin Jaeger (Senior Manager Project Based Learning Center).

Areas of potential collaboration were discussed, and Dr. Gerges extended an invitation to Dr. Abdul-Niby to visit the University of Wolverhampton.



Orientation Meeting with Oil Innovates 2 Competition Participants

On 18th of October 2022, the Ministry of Oil hosted an orientation meeting at their headquarters for the Oil Innovates 2 Competition participants and their supervisors from the Australian University (AU).

The orientation was organized by the Public Relations Department of the Ministry of Oil to introduce the student to the different departments of the ministry and listen to their vision and expectations from the project ideas



MOU Signing Ceremony between AU - CoE and Burgan Drilling - Hamad Al Hamad Contracting Company

On 26th of October 2022, a Memorandum of Understanding (MOU) was signed between the College of Engineering at the Australian University and Burgan Drilling/Hamad Al Hamad Contracting Company.

The MOU marked a new partnership that engages students at a higher level to include internships and post-graduate field training. Additionally, both companies have a keen interest in contributing to the Program-Based Learning method, Graduation Projects, and co-operation with faculty in new technologies, Research and Development.

The College of Engineering at AU looks forward to a successful collaboration with Burgan Drilling/Hamad Al Hamad Contracting Company.





CoE Participation in the 13th TICF & 6th EEA

The College of Engineering at the Australian University in Kuwait (AU) has participated in the 13th Technological Innovation Conference, Exposition on Thursday 27th of October 2022.

The College of Engineering has participated with two research projects for the Engineering Excellence Award, two presentations, and nominated two alumni for the Emerging Engineer of the Year, in addition to showcasing a graduation project by a group of students along with a representative from the Admission Office in the AU booth. In addition, Dr. Suad Al Radwan participated in this event as the chairperson of the organizing committee of the conference.



AU has succeeded in securing the Gold Award under the Research Category submitted by Dr. Rida Elgaddafi and Dr. Mortadha Alsaba in addition to the Gold Award under the Energy Conservation Category submitted by Dr. Jean El Achkar. In addition, our alumni from the Petroleum Engineering Department; Eng. Abrar Ben Hussain and Eng. Taibah Alamgir won the Emerging Engineer of the Year. Both Dr. Rana Malhas and Dr. Adel Younis presented two technical papers during the conference. This achievement clearly shows the quality and dedication of our students as well as the continuous efforts and commitment made by our faculty.



The Dean of College of Engineering met with the winners and congratulated them for their achievements and wished them continued success.







31 October - 3 November 2022
Abu Dhabi, United Arab Emirates

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TECHNICAL CONFERENCE**

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Jean H. El Achkar, PhD



31 October - 3 November 2022
Abu Dhabi, United Arab Emirates

of Energy: Secure, Affordable

Partners




Dr. Jean El Achkar & Eng. Kingsley Amadi With
a group of Petroleum Engineering alumni



31 October - 3 November 2022
Abu Dhabi, United Arab Emirates

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Kingsley Amadi

Technical Conference Organized By:  ADIPEC Brought To You By: 

SPE 2022 International Petroleum Exhibition and Conference (ADIPEC)

The Petroleum Engineering Department faculty members Dr. Jaen El Achkar – Assistant Professor and Eng. Kingsley Amadi – Senior Instructor have participated in the SPE 2022 Abu Dhabi International Petroleum Exhibition and Conference (ADIPEC) which was held from Monday, 31st of October till Thursday 3rd of November 2022, by presenting their papers at the technical conference.

Orientation Meeting with Oil Innovates 2 Competition Participants

Within the framework of the existing cooperation between the Ministry of Oil and the Australian University (AU) for the “Oil Innovates 2” award, the Public Relations Department of the Ministry of Oil visited on Wednesday 9th of November 2022 the Australian University (AU) to follow up on the latest developments and conduct interviews with the participating groups and their supervisors from the College of Engineering.



Eng. Sami Asaad - Senior Instructor
Electrical & Electronics Engineering Department



Eng. Hania El Kanj - Senior Instructor
Electrical & Electronics Engineering Department



Dr. Mortadha Al Saba - Associate Professor
Head of Petroleum Engineering Department



Scan this QR code to watch the interviews with AU - CoE student's participating in the Oil Innovates 2 competition:



Scan this QR code to watch the interviews with AU - CoE faculty members supervising groups of students participating in the Oil Innovates 2 competition:

CoE Visit to Burgan Drilling and Hamad Al Hamad Contracting Company

On the 16th of November 2022, representatives from the College of Engineering (CoE) visited Burgan Drilling and Hamad Al Hamad Contracting Company to begin discussions on their collaboration with the Australian University (AU).



The visit began with the research interests of staff and, facility tour to gain a greater sense of how to connect learning programs with their industry. The day ended with a trip to Wafra where staff were able to observe drilling rigs in operation.



CQUniversity Visit to AU

The Auspice Partner CQ University visited the Australian University from 20th to 24th of November 2022.





International Concrete Competition

A group of Civil engineering students participated in the International Concrete Competition (I.C.C) on 26th of November 2023 organized by the Ministry of Education and Culture of Indonesia, Faculty of Engineering of Universitas Sebelas Maret and the civil student association in Indonesia. The team qualified for the finals and ranked 6th of a total of 19 international research teams.

The participating students were:

**Talal Hamad, Fahad Hasiah, Fajer AlFailakwi, Dana AlShatti and Issa AlSamad, supervised by:
Dr. Rana Lakys Assistant Professor / Civil Engineering Department.**



Maintcon 2022 the 6th Middle East Maintenance & Reliability Conference

A group of Petroleum Engineering students supervised by Dr. Rana Malhas participated in the Innovation Corner of the Maintenance Reliability and Asset Management Conference - Maintcon 2022, which was held in the Kingdom of Bahrain from 27th to 30th of November 2022.



Participating students' names are as follows:

- Abrar Ben Hussain
- Nadeen Al Otaibi
- Taibah Alamgir
- Noor Al Haddad

Our students' team showcased their project titled "New oily water Treatment using magnetic nanoparticles" among other innovative participants from international/regional companies and universities. The team succeeded in being among the winners of the Innovation Corner along with 3 other projects from Aramco. In addition, Dr. Adel Younes from the Mechanical Engineering Department participated in the conference by presenting the results of one of his recent studies.

The Dean of the College of Engineering met with the winners and congratulated them for their achievements and wished them continued success.



Al Anba

Page 9

طلاب الجامعة الأسترالية أولاً في «ماينتكون 2022»



الفريق الفائز مع عميد كلية الهندسة في الجامعة

شارك أربعة طلاب من قسم هندسة البترول لدى الجامعة الأسترالية خلال مؤتمر ومعرض الشرق الأوسط السادس للصيانة والاعتمادية «ماينتكون 2022» المقام في مملكة البحرين، وتكللت مشاركتهم بالنجاح وحصدتهم المركز الأول ضمن فئة الابتكار. وعقد المؤتمر في مملكة البحرين من قبل الجمعية الخليجية للصيانة والموثوقية بالتعاون مع جمعية المهندسين البحرينية، تحت رعاية وزير النفط والبيئة لمملكة البحرين د. محمد بن دينة، ويعد المؤتمر من أكبر التجمعات المتخصصة للصيانة والموثوقية في العالم، وقد عقد هذا العام تحت شعار «الصناعة 4.0، الابتكار الصناعي والتقنيات تماشياً مع التحول الرقمي في العالم». وشهد المؤتمر مشاركة من طلبة وأعضاء هيئة تدريس

الجامعة الأسترالية، حيث تم اختيار المجموعة من أربع طلاب تم اختيارهم لفوزهم في مرحلة اختيار المبتكرين، وضمت المجموعة الاربعة كلا من الطالبة أبرار بن حسين، والطالبة نادين العتيبي، والطالبة الطيبة الأمغير، والطالبة نور الحداد، تحت إشراف د. رنا ملحسن أستاذ مساعد في قسم هندسة البترول لدى الجامعة الأسترالية، بالإضافة لمشاركة الطلاب، شاركت د. سعاد الرضوان أستاذ مساعد في قسم هندسة البترول لدى الجامعة الأسترالية، في المؤتمر.

كرئيسة للجنة فئة الابتكار. وتود الجامعة الأسترالية أن تشكر منظمي المؤتمر لتوفيرهم هذه الفرصة الرائعة لطلابها وأعضاء الهيئة التدريسية لديها لإبراز قدراتهم والتواصل مع المشاركين والخبراء الحاضرين في المؤتمر.



MOU Signing Ceremony Between AU - CoE & URC

On 28th of November 2022, a Memorandum of Understanding (MOU) was signed between the College of Engineering at the Australian University and the United Real Estate Company (URC). The agreement encompasses a collaboration of programs aimed at student engagement. This includes internships, mentorship, participation in seminars and the CoE advisory board, student clubs and the graduation exhibition.

CoE - Representatives Meeting with ACICO

The College of Engineering (CoE) representatives, Dr. Mohammad Hany Yassin along with Dr. Martin Jaeger and Dr. Ahmad Said Saad met on Thursday, 1st of December 2022, with ACICO representatives to discuss collaboration. Dr. Mohammad began the meeting by providing an overview of how the CoE has partnered with employers on various initiatives. Dr. Martin shared the PBL model and invited ACICO to share challenges with students. Dr. Ahmad discussed research collaboration and focused on a win-win model for both ACICO and AU students. The meeting ended with an agreement to prepare an MOU.



CoE - Participation in the National Huawei ICT Competition 2022

The Electrical and Electronics Engineering students won the first three places in the National Huawei ICT Competition 2022, and were nominated to represent the Australian University and Kuwait in the regional final in Oman from 20th to 22nd of December 2022.

Participated student's names are as follow:

- Dalal Shafeeq AlAwadhi
- Fares Humoud AlMutairi
- Abeer Yousef AlFarhan

Supervised by Eng. Mohamad Zaki, Senior Instructor / Electrical & Electronics Engineering Department.



Photo of participating students with the College of Engineering Dean & Head of Engineering Dean, the Head of Electrical & Electronics Engineering Department and the supervisor



MOU Signing Ceremony Between AU - CoE & IHS

On 6th of December 2022, a Memorandum of Understanding (MOU) was signed between the College of Engineering (CoE) at the Australian University and IHS Kuwait. This marks the start of a new partnership which includes several student engagement activities and the participation of CoE staff in research and training courses for IHS employees.

AU Meeting with KIPIC

On Wednesday 7th of December 2022, members of the Australian University (AU) Committee met with Kuwait Integrated Petroleum Industries Co. (KIPIC) representatives to discuss the update of activities and future collaboration.



The following staff were in attendance:

- **Dr. Mortadha Al Saba - Associate Professor**
- **Dr. Adel Younis - Associate Professor**
- **Prof. Alper Erturk - Professor / Head of Management Department**
- **Dr. Taha Ahmed - Associate Professor / Civil Engineering Department**
- **Dr. Suad Al Radhwan - Assistant Professor / Petroleum Engineering Department**
- **Dr. Rana Malhas - Assistant Professor / Petroleum Engineering Department**
- **Dr. Jean El Achkar - Assistant Professor / Petroleum Engineering Department**
- **Dr. Michel Nahas - Assistant Professor / Electrical & Electronics Department**
- **Dr. Abeer Al Anazi - Assistant Professor / Mechanical Engineering Department**
- **Dr. Adel Younis - Assistant Professor / Mechanical Engineering Department**
- **Eng. Sami Assad - Senior Instructor / Electrical & Electronics Department**
- **Ms. Joumana Tasse - Coordinator - Industrial Outreach**

Rowad Innovation Program Competition

The Australian University (AU), College of Engineering in collaboration with the College of Business had participated in the “Rowad Innovation Program” organized by Warba Bank, on the 14th of December 2022. The selected students received training and finally presented their idea on gamification to the Warba Bank team.



The Australian University (AU) team won the second place in “Rowad Innovation Program” competition.

AU team included,

Ali Hasan (College of Business – Management Department)

Mohammad alomran (College of Business – Management Department)

Abdulrahman Alyousef (College of Business- Management Department)

Nouf Anbar (College of Business – Management Department)

Hussein Mana (Collage of Engineering – Mechanical Engineering Department)

Mentor: Ms. Rupali Bhagat – Senior Instructor, Management, Collage of Business.

CoE Meeting with GDMC

On Monday 19th of December 2022, the College of Engineering (CoE) received representatives from Gulf Drilling & Maintenance Company (GDMC) to discuss future collaboration.

The meeting began by discussing the engineering exhibition and the role of a guest judge. GDMC is supplying the event with judges from all disciplines.

Dr. Mohamed Omar then led the meeting by discussing how GDMC can participate in the Project Based Learning (PBL) course along with Senior Projects.

GDMC is excited to offer their expertise in the spring semester by welcoming students to their operations.





Huawei ICT Competition 2022 Regional Final

The "Huawei ICT Competition 2022" out of more than 19 thousand participants in the Middle East, 45 participants have reached the regional final of this prestigious yearly competition.

The Australian University (AU) College of Engineering dominated the Kuwait team occupying the 3 seats designated for Kuwait in the regional final which took place in the Sultanate of Oman from 20th to 22nd of December 2022.



Kuwait Team in the Huawei ICT Competition 2022 Closure of the Awarding Ceremony

Participated students are as follow:



Abeer Yousef AlFarhan



Dalal Shafeeq AlAwadhi



Fares Humoud AlMutairi

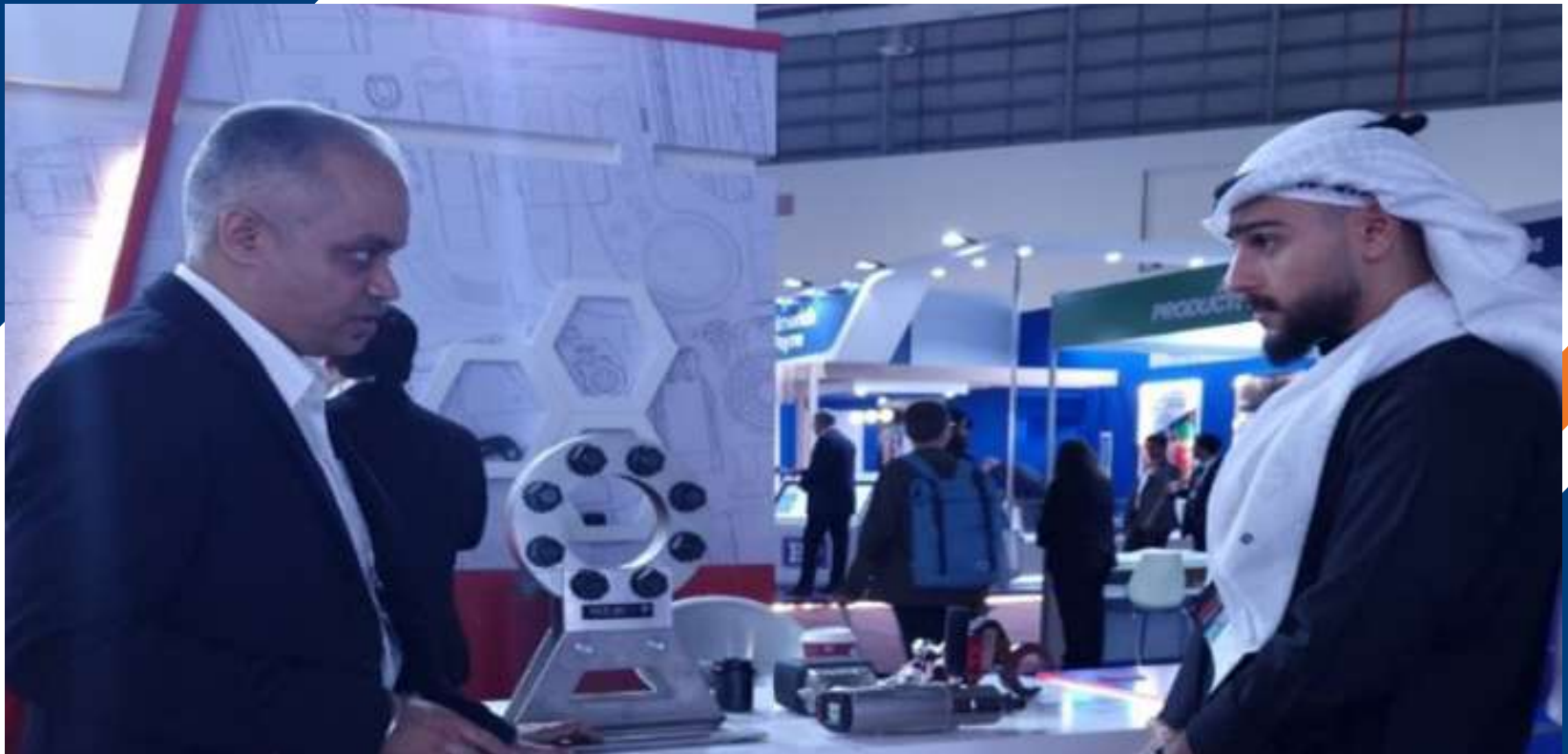
Supervised by Eng. Mohamad Zaki, Senior Instructor / Electrical and Electronics Engineering Department. The Australian University (AU) College of Engineering representing Kuwait team received the Outstanding Performance Award, Eng. Mohamad Zaki received the Excellent Tutor Award, and the Australian University (AU) received the Best Academy Award for the 5th year in a row.



MEOS Conference and Exhibition



Hasan Hamza AlAli, who is a Senior Petroleum engineering student, was nominated by the AU SPE Chapter and Petroleum Engineering Department to attend the Middle East Oil and Gas Show (MEOS) conference and exhibition from 19th to 21st February at the Exhibition World Bahrain. This trip helped the student actively engage in the latest trends in the oil and gas industry and helped him foster an expanded network with industry professionals.



Certificates of Appreciation to KIPIC

On Thursday 9th of March 2023, Dr. Suad Al Radhwan – Assistant Professor / Petroleum Engineering Department, handed over appreciation certificates on behalf of Dr. Mohammed Abdul Niby – Dean of the College of Engineering, to KIPIC staff members who dedicated their time by participating in the Australian University (AU) field trips, and Project Based Learning (PBL) classrooms.

The honored KIPIC staff members are:



Ms. Latifah Temeemi



Mr. Abdullah Rashed



Ms. Fatemah Al Matrouk



Mr. Mohammed Al Ansari



Mr. Saud Al Baijan

GOTECH Conference

As part of the AU SPE Chapter mission to enrich students' exposure to the oil and gas industry, the vice president of the AU SPE Chapter, Salma Shehab, was nominated to attend the GOTECH conference, which took place from 13th to 15th of March 2023, in Dubai, UAE.

The three-day event gave our students the opportunity to engage with other peers and professionals of the industry from all around the world, in addition to accessing cutting-edge technology and engaging sessions.



College of Engineering Meeting with Idaho University representatives



The Australian University (AU) College of Engineering Council and faculty members met on Wednesday 29th of March 2023, with the representatives of Idaho State University (ISU), Dr. Mustafa Mashal – Director of the Center for Advanced Energy Studies, and Dr. Scott Snyder – Dean of the College of Science and Engineering, to discuss academic collaboration between the two universities.



The Closing Ceremony of Oil Innovates 2 Competition

On Wednesday 22nd of March 2023 the Ministry of Oil hosted the closing ceremony of the "Oil Innovate Award 2" competition.

The ceremony was attended by the Australian University, College of Engineering Dean Dr. Mohammed Abdul-Niby, Dr. Hasan Salti - Head of Electrical and Electronics Engineering Department, Dr. Mortadha Al Saba Head of Petroleum Engineering Department, the participating teams, and their supervisors.



Check QR code to watch various aspects of the Closing Ceremony of the Oil Innovate award 2 competition.

During the ceremony, the Ministry of Oil undersecretary his Excellence Sheikh Dr. Nimr Fahad Al Malik Al-Sabah awarded the winning teams from the Australian University with the first 3 place prizes, with recognition certificated for all participants and their supervisors.



The first-place winners are:

- **Yomna Abdulwahab AlKandari**
Electrical and Electronics Engineering
- **Aya Ahmad AlFaihan**
Electrical and Electronics Engineering
- **Ahmad Abdullah Sultan Taresh**
Business Management
- **Abdulateef Meshal Attallah**
Business Management

Supervised by: Eng. Sami Asaad



The second-place winners are:

- **Mansoor Abdulaziz Almansoor**
Petroleum Engineering
- **Alretaj Hussain Karam**
Electrical and Electronics Engineering
- **Abeer Yousef AlFarhan**
Electrical and Electronics Engineering

Supervised by: Dr. Mortadha Al Saba



The third-place winners are:

- **Ali Reja Humoud Alotaibi**
Petroleum Engineering
- **Hamad Waleed Ahmad Shamouh**
Petroleum Engineering
- **Mohammad Adel Sabti**
Petroleum Engineering

Supervised by: Dr. Mortadha Al Saba

College of Engineering Industrial Advisory Board Meeting

College of Engineering Industry Advisory Board (EIAB) Meeting at the Australian University (AU) on Thursday 18th of May 2023.



Scan this QR code to watch the interviews with EIAB members Dr. Khaled Al-Banaa – Chief Executive Officer, IHS Kuwait Limited and Mr. Ahmad Al Otaibi – Director of Strategies - Burgan Co. For Well Drilling, Trading & Maint. KSCC.

ICT Competition 2022 Awarding Ceremony

On Wednesday 31st of May 2023 the "ICT Competition 2022" awarding ceremony was hosted by Huawei Technologies Kuwait. The ceremony was attended by the Australian University (AU) representatives Dr. Mohammed Abdul-Niby – Dean of College of Engineering, Dr. Hassan Salti - Head of Electrical and Electronics Engineering Department, and the following students: Dalal Shafeeq AlAwadhi, Abeer Yousef AlFarhan, Fares Humoud AlMutairi, and team supervisor Eng. Mohamad Zaki – Senior Instructor / Electrical and Electronics Engineering Department.



بالشراكة مع «التقدم العلمي» و«هيئة الاتصالات»
«هواوي» تتوج الفائزين بـ «ICT»



(تصوير لسعد عبيد الله)

التركيبة: وليو يتوسطان الطلبة الفائزين بالسابقة

Huawei Datacom Lab - Inauguration Ceremony

On Thursday 1st of June 2023, the inauguration ceremony of the Huawei DataCom Lab took place at the Australian University (AU). The ceremony was attended by representatives of the Australian University (AU) and Huawei.





Scan this QR code to watch the interviews by the representatives of Huawei and Australian University:

الجامعة الأسترالية دشنت مختبراً للاتصالات البينية



صورة جماعية من داخل القاعة

مضيفاً ان مختبر الاتصالات البينية خطوة أولى نحو تحقيق هذا الهدف. بدوره، قال عميد كلية الهندسة في الجامعة الأسترالية د. محمد عبدالنبي إن مختبر الاتصالات البينية سيكون إضافة قيمة تمنح الطلبة فرصة للتجربة والابتكار.

دمج المناهج التعليمية مع موضوعات تكنولوجية حديثة. من جانبه، قال نائب الرئيس التنفيذي لشركة هواوي فرع الكويت تشي لونغ إن «هواوي» تتطلع إلى المزيد من المشاريع التعاونية القيمة مع المؤسسات التعليمية في الكويت، وخصوصاً مع الجامعة الأسترالية.

بعد توقيع مذكرة تفاهم بينهما، قامت الجامعة الأسترالية ممثلة بكلية الهندسة وشركة هواوي بإنشاء مختبر للاتصالات البينية «Datacom» داخل حرم الجامعة، حيث يسعى مشروع المختبر إلى تطوير البرامج التدريبية الرقمية المقدمة من «هواوي» بالتعاون مع الجامعة الأسترالية لتعزيز مهارات الشباب ومنحهم فرصة التوظيف في مجال شبكات الحاسوب المطلوب لسوق العمل، بالإضافة إلى منح تدريب ميداني لجميع فئات المجتمع.

وقال رئيس الجامعة الأسترالية د. عصام زعلواوي إن الجامعة تتطلع للمزيد من التعاون مع شركة هواوي باعتبارها شركة رائدة في مجال تقنيات المعلومات والاتصالات في الكويت والمناطق المجاورة، مؤكداً على أهمية

Meeting with (EPSCO) Recycling Company

On Wednesday 7th of June 2023, the Petroleum faculty members met with (EPSCO) recycling company to present the final output materials of the tire recycling and rubber molding plant in Kuwait and to see how this methodology can be utilized by the students and researchers at the Australian University (AU).



Carrier Sponsorship

On Tuesday, June 13, the College of Engineering (CoE) held a gathering with Carrier in appreciation for the sponsorship of a Ducted Split System intended as a learning tool for our mechanical engineering students.





COLLEGE OF ENGINEERING

Activities



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Madayen Contracting Field Trip

Civil engineering students field trip to Madayen Contracting on Monday 3rd of October 2022, supervised by Dr. Ahmad Saad.



The purpose of the visit was to have students observe concrete construction sites that included the following activities: concrete formwork, reinforcement layout and details. In addition, they were exposed to different construction equipment and techniques of finishing the basement slab and, the building retaining walls.



It also included an emphasis on the health & safety requirements. Students commented on the reinforcement of learning by being able to connect concepts to construction site activities.



Future Readymix Concrete Company Field Trip

Civil engineering students field trip to Future Readymix Concrete Company on Saturday 22nd of October 2022 supervised by Dr. Ahmad Said Saad and Eng. Mohamad Iyad Al-Khiami.



The students experienced the process of concrete manufacturing in Kuwait, and they were able to observe different concrete materials and testing procedures. In addition, they were exposed to different equipment used in preparing ready-mix patches.





The tour concluded with a visit to the material and cube testing laboratory. Various tests were made in front of the students to evaluate the performance of a mix that was cast on the day of the visit.



KIPIC Field Trip

Petroleum engineering students field trip to KIPIC on Tuesday 15th of November 2022, supervised by Dr. Suad Al Radhwan and accompanied by Dr. Rana Malhas, Eng. Fahad Abu Mallouh, Eng. Mufazzal Kabuli, and Eng. Hussain Abas Jam.

Students were first introduced to Health & Safety and then proceeded to learn more about KIPIC's Liquefied Natural Gas Import (LNGI) Operations.

It was a beneficial learning experience since students attending are enrolled in the project-based learning course called "Advanced Process Simulation" where they are required to design a LNGI facility. The day ended with a tour of the Control Room and Laboratory of the LNGI facility.



Chery Al Ghanim First Field Trip

Mechanical engineering students field trip to Chery Al Ghanim on Monday 14th of November 2022, supervised by Dr. Adel Younis.



The students were given a presentation on engine lubricants and engine oil grades, internal combustion engine layout, automotive powertrain, anti-lock braking systems (ABS), and advanced automotive sensors.



Chery Al Ghanim Second Field Trip

Electrical and Electronics engineering students field trip to Chery Al Ghanim on Tuesday 15th of November 2022, supervised by Eng. Mohammad Saad Zaki.



The students learned about sensor operation in Chery cars, anti-lock braking systems, extrasensory perception, and oil grades.



Also, they were given a short presentation on hybrid cars and smart systems. They understood the importance of electrical engineering since it's increasing in the car industry, as they need to manage, control and program all sensors and electrical systems.



Combined Group Contracting Company Field Trip

Civil engineering students field trip to the Combined Group Contracting Company (CGC) on Thursday 24th of November 2022, supervised by Eng. Marwa Waly.

The students were given an overview of the different projects managed by the company. Also, they took a site tour and visited different civil engineering laboratories. Additionally, students had the chance to see various equipment used in construction and were informed of safety procedures on site.



Directorate General of Civil Aviation (DGCA) Field Trip

Electrical and Electronics engineering students field trip to the Directorate General of Civil Aviation (DGCA) on Monday 5th of December 2022, supervised by Eng. Hania El Kanj.

The students first visited the central plant building which receives power from the Ministry of Electricity and Water and received an explanation as to how the received power is distributed and controlled.

Students were also introduced to Remote Terminal Units and their role in providing automation to the whole system. Lastly, analog versus digital transmission was discussed along with SCADA system, High Voltage and Low Voltage transformation and a final look at generators.



Al Kabd Wastewater Treatment Plant Field Trip

Civil engineering students field trip to the Ministry of Public Works Al Kabd Wastewater Treatment Plant on Wednesday 21st of December 2022, supervised by Dr. Masoud Irannezhad and senior Instructor Eng. Marwa Waly.



The students were informed of the different processes in operation for treating wastewater, from the preliminary processes to the disinfection as the last phase. Also, the students had a great opportunity to ask questions to the engineers and instructors to improve their theoretical and practical knowledge about all physical, chemical, and biological processes required for wastewater treatment.



Messilah Beach Construction Project Field Trip

Civil engineering students field trip to Messilah Beach Construction Project on Thursday 22nd of December 2022, supervised by Eng. Sana Al Azzah.



A project presentation was shared with the students and then a full onsite tour followed. The students were able to observe civil works that are covered in their Basic Construction course as well as new techniques and the latest engineering materials.



National Oil Varco (NOV) Field Trip

Petroleum engineering students took a field trip to National Oil Varco (NOV) on 15th of February 2023, supervised by Dr. Mortadha Alsaba and in collaboration with Ms. Joumana Tasse (Coordinator – Industrial Outreach). The students were given a health and safety demonstration and facility tour where they were introduced to downhole drilling tools utilized in the Oil & Gas industry.



IHS Kuwait Field Trip

Electrical and Electronics engineering students field trip to IHS Kuwait on Wednesday 15th of March 2023, supervised by Dr. Amin Al Ka'bi.



The students were given an overview of Towerco infrastructure solutions, network operation center services, and HSE power equipment which includes solar panels and backup power generators.

The students also observed the new telecom site operations, maintenance processes, and key performance indicators of Towerco.



Burgan Drilling Company Field Trip

Petroleum engineering students field trip to the Burgan Drilling Company on Wednesday 15th March 2023, supervised by Eng. Ali Hersi. The students were able to observe Burgan's drilling operations and rig site.



Al Shagayah Renewable Energy Complex Field Trip

Petroleum and Mechanical engineering students field trip to Al Shagayah Renewable Energy Complex on Wednesday 16th March 2023, supervised by Dr. Suad Al Radhwan, Dr. Mohamad Farhat, Dr. Mohamed El Badawy, Dr. Abbas Amini and Dr. Marziyeh Nazari.



The students were able to observe: Photovoltaic (PV) Solar (different types), Concentrated Solar Power and Wind Energy.

They also visited the control room of the SCP solar energy plant to see the actual operation and understand various types of challenges.

KIPIC LNGI Facility Al Zour Field Tri

Petroleum engineering students field trip to KIPIC LNGI facility at Al Zour on Tuesday 21st of March 2023, supervised by Dr. Suad Al Radhwan, Eng. Kingsley Amadi and Eng. Marwa Wally.



KIPIC engineers gave an informative presentation about the design, history, commencement dates and important operating conditions of the facility.

Students were given a tour that included the control room. They observed KIPIC's operations which will help them design their own project for the PBL unit - Advanced Process Simulation. Mr. Mohammad Fahad Al Otaibi (Operations Manager LNGI) explained to students the importance of their roles as Petroleum engineers which was followed by a presentation given by Eng. Abdullah Rashed (TPL Specialist) and Eng. Lateefa Al Tameemi (Instrumentation Engineer).



National Oilwell Varco (NOV) Field Trip

Petroleum engineering students field trip to National Oilwell Varco (NOV) on Wednesday 22nd of March 2023, supervised by Eng. Kingsley Amadi.

The objective of the field trip was to familiarize students with knowledge of basic drilling tools used in oil and gas well construction. This includes drilling bits, drill pipe, jars, and accelerators.

There was a brief introduction of the AU team by Eng. Kingsley Amadi followed by presentation of NOV products and services.



Construction Site in Adan Field Trip

Civil engineering students field trip to a construction site in Adan on Saturday 18th of March 2023, supervised by Dr. Ahmad Said Saad.



The students observed concrete foundation systems and other construction activities. It also included an emphasis on health & safety requirements. They were given a tour by the site engineers who explained the different activities and equipment used on the site.



General Electric Kuwait Technology Centre (GE KTC) Field Trip

Electrical and Electronics engineering students field trip to General Electric Kuwait Technology Centre (GE KTC) on Sunday 30th April 2023, supervised by Dr. Majdi Al Omari.



The students had the opportunity to see large generators, steam and gas turbines. They also observed programmable logic controllers (PLCs), control systems, electronics, turbines, and generators.



KOC Ahmed Al Jaber Oil and Gas Exhibition Field Trip

Petroleum engineering students field trip to KOC's Ahmed Al-Jaber Oil and Gas Exhibition on Tuesday 2nd May 2023, supervised by Dr. Rana Malhas.



Representatives from KOC gave an informative presentation and explained how oil and gas are formed. The exhibition was state-of-the art and the students learned about the history and process of oil. It also included information about the various aspects of oil & gas in Kuwait (how it's found, drilling what oil looks like, and its uses). The trip was very interactive and educational.

Shuwaikh Power Generation and Water Desalination Station Field Trip

Civil engineering students field trip to Shuwaikh Power Generation and Water Desalination Station on Tuesday 2nd and Wednesday 3rd of May 2023, supervised by Dr. Mohamad Salem and Eng. Sana Al Azzeh.



The students were given an in-depth understanding of various water treatment processes and electricity generation methods. The presentation covered the utilization of Multi-Stage Flashing (MSF), Reverse Osmosis (RO), and the gas turbine used at the facility.

Furthermore, the students were taken on a tour around the plant, allowing them to witness the operations and different parts of the facility firsthand. Following the presentation, students learned about the gas turbine employed at the facility, which plays a crucial role in generating electricity.



Kirby Building Systems Field Trip

Civil engineering students field trip to Kirby Building System on Wednesday 3rd May 2023, supervised by Dr. Mohammad Hany Yassin and Dr. Reza Soleimanpour.



The purpose of the visit was to provide students with a practical understanding of the production of steel sections for different structural systems such as frames and truss production process. The visit was also aimed at introducing participants to the latest technological advancements in steel manufacturing and exposing them to different types of equipment and machinery used in the production process.

The students were able to gain insight into the quality control measures taken in the manufacturing process.

Gulf Drilling and Maintenance Company (GDMC) Field Trip

Petroleum engineering students field trip to Gulf Drilling and Maintenance Company (GDMC) on Sunday 7th May 2023, supervised by Eng. Muffazzal Kabuli.



The students were given a safety induction and then travelled to the north Kuwait JPF oilfield where GDMC is currently running a well testing operation. The students witnessed first-hand well testing processes involved in oil and gas extraction and production. The field trip provided invaluable insight into the oil and gas industry thus enhancing the practical experience of the students.

Kabd Wastewater Treatment Plant Field Trip

Civil engineering students field trip to the Ministry of Public Works Al Kabd Wastewater Treatment Plant on Sunday 7th May 2023, supervised by Dr. Masoud Irannezhad, Eng. Sana Al Azzeh and Eng. Marwa Waly.



The aim was to understand the practical applications of what students had learned from the course and different literature during the spring 2023 semester.

The engineers from Al Kabd explained to students all different processes in operation for treating wastewater, from the preliminary processes to the disinfection as the last phase. It was a great opportunity for our students to improve their theoretical and practical knowledge about all physical, chemical, and biological processes required for wastewater treatment, particularly in Kuwait.



Al Rakeb Steel Factory

On July 15, 2023, students from the Steel Structures course visited Al Rakeb Steel Factory. They observed steel production, manufacturing, and erection process. Additionally, they experienced the process of cutting, drilling and welding of different steel components.





COLLEGE OF ENGINEERING

Seminars



College of Engineering Seminars Schedule

Fall 2022 – 2023

Name	Guest Speaker CoE Faculty	Department	Seminar Topic	Seminar Date	Time	Location
September 2022						
Ms. Fatma Al Reesh General External PR Department Ministry of Oil	Guest Speaker	Electrical & Electronics Engineering	Presentation by the Ministry of Oil Regarding "Kuwait Innovates 2" competition	26/9/2022	12:30 PM to 02:00 PM	Auditorium
October 2022						
Eng. Rashed Al-Muwaizri Petroleum Engineer Ministry of Oil Eng. Shaikha Al-Mansoor Sr. Petro-Physicist Schlumberger	Guest Speaker	Petroleum Engineering	Hackathon 2022 – Ministry of Oil Award for Digital Transformation جائزة التحول الرقمي	03/10/2022	12:30 PM to 02:00 PM	Auditorium
Professor Hussain Al-Kayiem Universiti Teknologi PETRONAS Malaysia	Guest Speaker	Mechanical Engineering	Challenges and mitigation for solar to have a major share in the energy mix	10/10/2022	12:30 PM to 02:00 PM	M.S Teams
Dr. Mustafa Mashal, P.E., CPEng, IntPE(NZ), M.ASCE Associate Professor in Civil Engineering, Director of the Disaster Response Complex and Structural Laboratories, Idaho State University in the United States	Guest speaker	Civil Engineering	Accelerated" Bridge Construction and Seismic Resilient "Technologies	17/10/2022	12:30 PM to 02:00 PM	Auditorium
Dr. Jafarali Parol Scientist, KISR	Guest Speaker	Mathematics & Physics	Variational Basis for the Finite Element Linear Elastostatic Problems	24/10/2022	12:30 PM to 02:00 PM	Auditorium
Dr. Moosa Almazeedi Kuwait University	Guest Speaker	Electrical & Electronics Engineering	How to lead" yourself before you "lead others	31/10/2022	12:30 PM to 02:00 PM	Auditorium
November 2022						
Mr. Khaled Al Mushalih Oil & Gas Expert	Guest Speaker	Petroleum Engineering	The Petroleum Industry – The Untold Story	14/11/2022	12:30 PM to 02:00 PM	Auditorium
Dr. Masoud Irannezhad	Faculty member	Civil Engineering	Water Security: A North Star to Global Sustainability	28/11/2022	12:30 PM to 02:00 PM	M.S Teams

December 2022						
Dr. Mahmoud DarAssi Princess Sumaya University for Technology (PSUT) Jordan	Guest Speaker	Mathematics & Physics	Soret-driven convection in colloidal suspensions	05/12/2022	12:30 PM to 02:00 PM	M.S Teams
Mr. Abdel-Wahab Dirawieh Project Manager and Primary Technology Expert SIEMENS	Guest speaker	Electrical & Electronics Engineering	Driving Decarbonization Through Developing Sustainable Energy and Innovation	12/12/2022	12:30 PM to 02:00 PM	Auditorium
January 2022						
Dr. Khalil Khanafer Senior Manager AU Scientific Research Center Associate Professor	Faculty Member	AU Scientific Research Center	Tips for Successful Publishing, Ethics, and Plagiarism	9/1/2023	12:30 PM to 02:00 PM	M.S Teams

Mechanical Engineering Department	1
Civil Engineering Department	2
Petroleum Engineering Department	2
Electrical Engineering Department	3
Mathematics & Physics Department	2
AU Scientific Research Center	1
Total Seminars	11



Ministry of Oil - Kuwait Innovates 2

The Ministry of Oil presentation at the Australian University (AU) about “Kuwait Innovation 2” competition presented by the guest speaker Ms. Fatma Al Reesh – General External PR Department on Monday 26th of September 2022.





Hackathon 2022 Ministry of Oil Award for Digital Transform

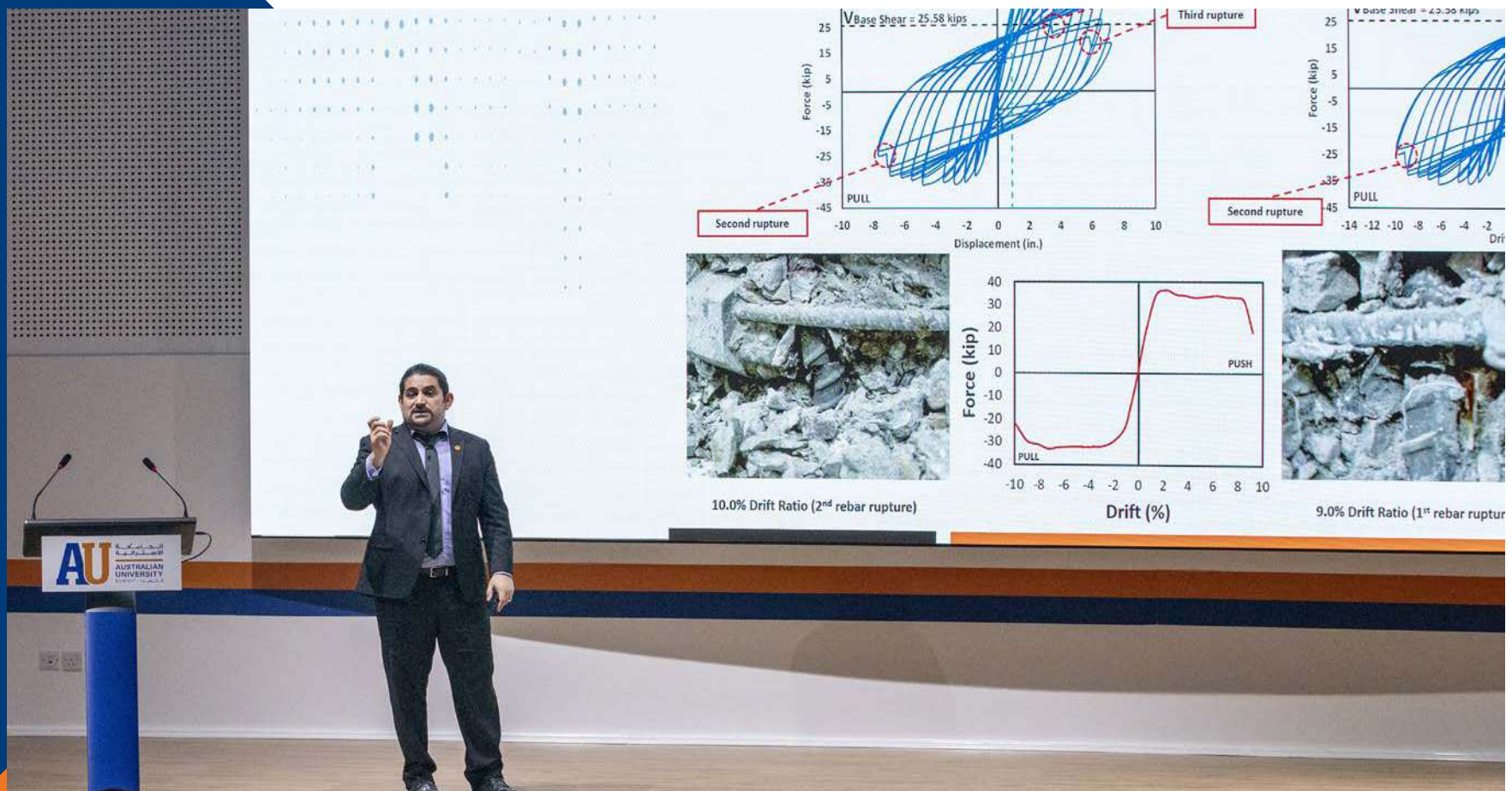
On Monday 3rd of October 2022, Eng. Rashed Al-Muwaizri from the Ministry of Oil and Eng. Shaikha Al-Mansoor from Schlumberger gave an introductory presentation at the Australian University (AU) about the 2022 Hackathon, which is a unique competition organized by the Ministry of Oil and Schlumberger, which will help stimulating and enriching the environment of innovation and digital transformation and create an added value for the Kuwaiti oil sector.



The screenshot shows a virtual seminar presentation slide. At the top left is the STARC logo (Solar Thermal Advanced Research Center - UTP). At the top right is the Australian University logo. The main title is "Challenges and Mitigations for the Solar to be a Major in the Energy Mix". Below the title, it says "A seminar at the Mechanical Engineering department Australian University in Kuwait". The speaker is "By Prof. Dr. Hussain Al-Kayiem, Founder & Head, Solar Thermal Advanced Research Centre (STARC), Universiti Teknologi PETRONAS -Malaysia". The date is "10 October 2022". On the right side, there is a video feed of Prof. Dr. Hussain Al-Kayiem. Below the video feed is a grid of icons for participants: UR, AM, OD, WZ, DS, and M. The bottom of the slide has a copyright notice for Universiti Teknologi PETRONAS.

“Challenges and Mitigation for Solar to Have a Major Share in the Energy Mix” virtual seminar presented by the guest speaker Prof. Hussain Al-Kayiem

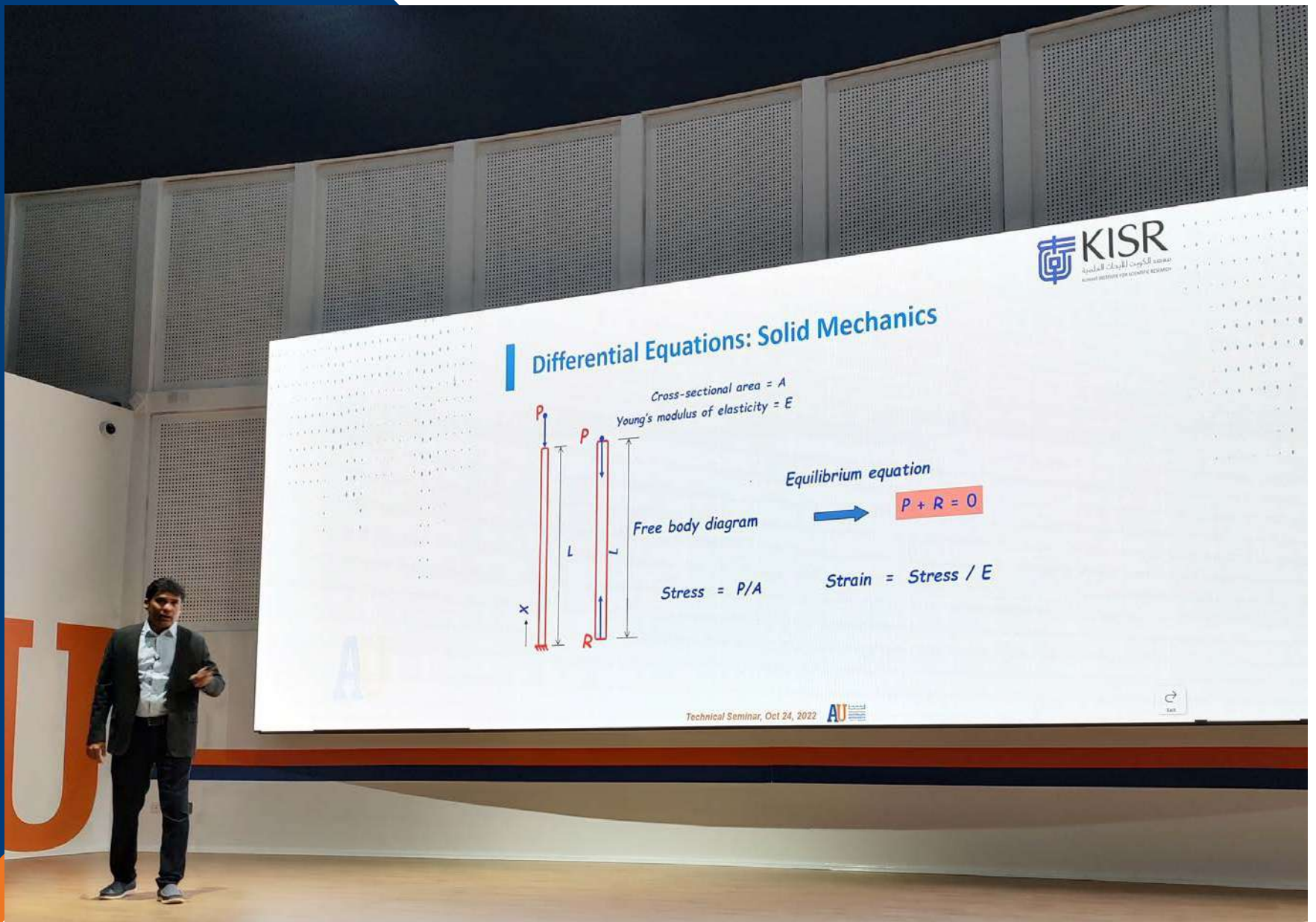
“Challenges and Mitigation for Solar to Have a Major Share in the Energy Mix” virtual seminar presented by the guest speaker Prof. Hussain Al-Kayiem on the M.S Teams on Monday 10th of October 2022.



“Accelerated Bridge Construction and Seismic Resilient Technology” by the guest speaker Dr. Mustafa Mashal

“Accelerated Bridge Construction and Seismic Resilient Technology” seminar presented by the guest speaker Dr. Mustafa Mashal at the Australian University (AU) on Monday 17th of October 2022.





“Variational Basis for the Finite Element Linear Elastostatic Problems” by the guest speaker Dr. Jafarali Paro ”

“Variational Basis for the Finite Element Linear Elastostatic Problems” seminar presented by the guest speaker Dr. Jafarali Parol at the Australian University (AU) on Monday 24th of October 2022.



"How to Lead Yourself Before You Lead Others" presented by the guest speaker Dr. Moosa Almazeedi

"Accelerated Bridge Construction and Seismic Resilient Technology" seminar presented by the guest speaker Dr. Mustafa Mashal at the Australian University (AU) on Monday 17th of October 2022.





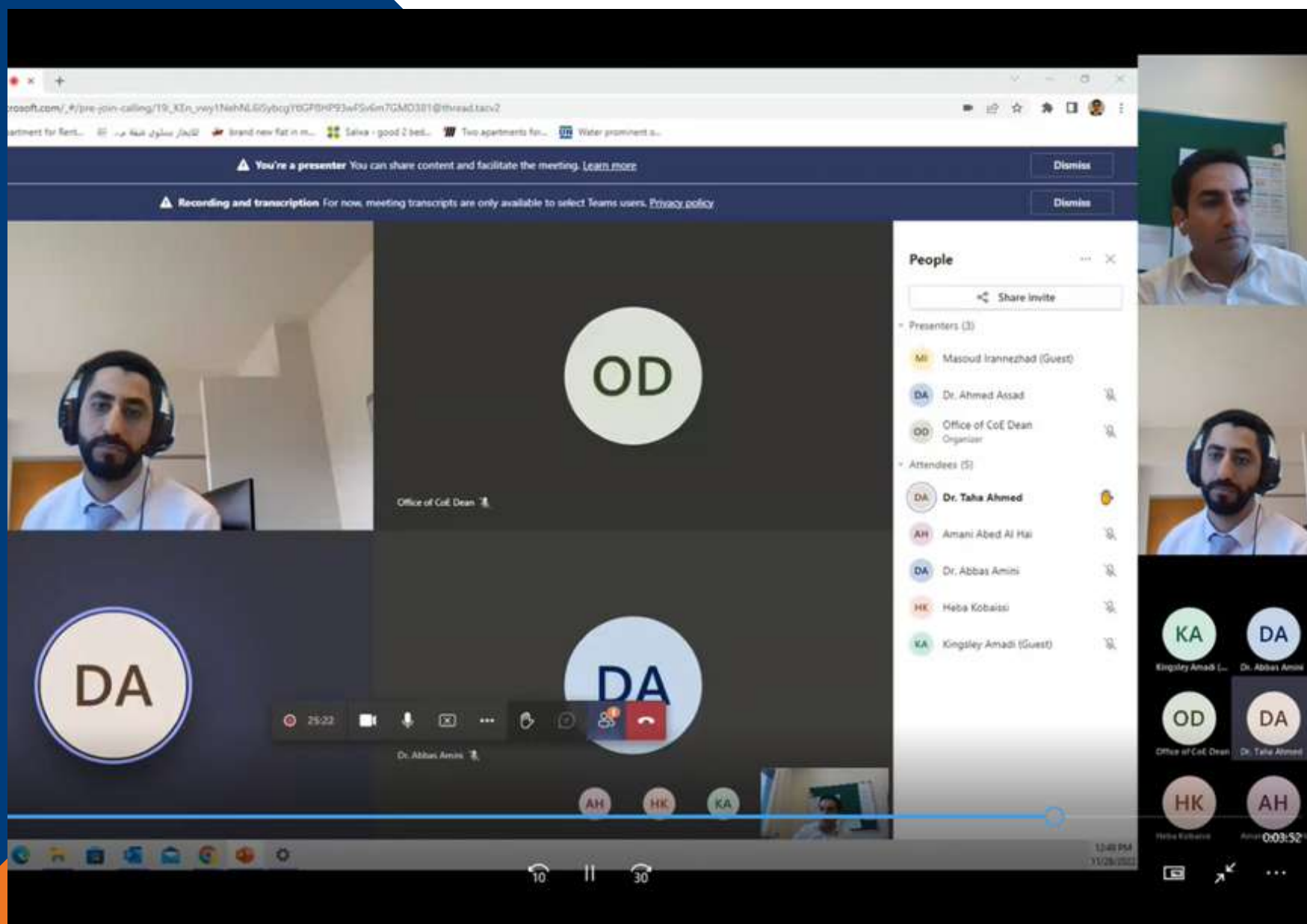
"The Petroleum Industry – The Untold Story" by the guest speaker Mr. Khaled Al Mushalih

"The Petroleum Industry – The Untold Story" seminar presented by the guest speaker Mr. Khaled Al Mushalih at the Australian University (AU) on 14th of November 2022.



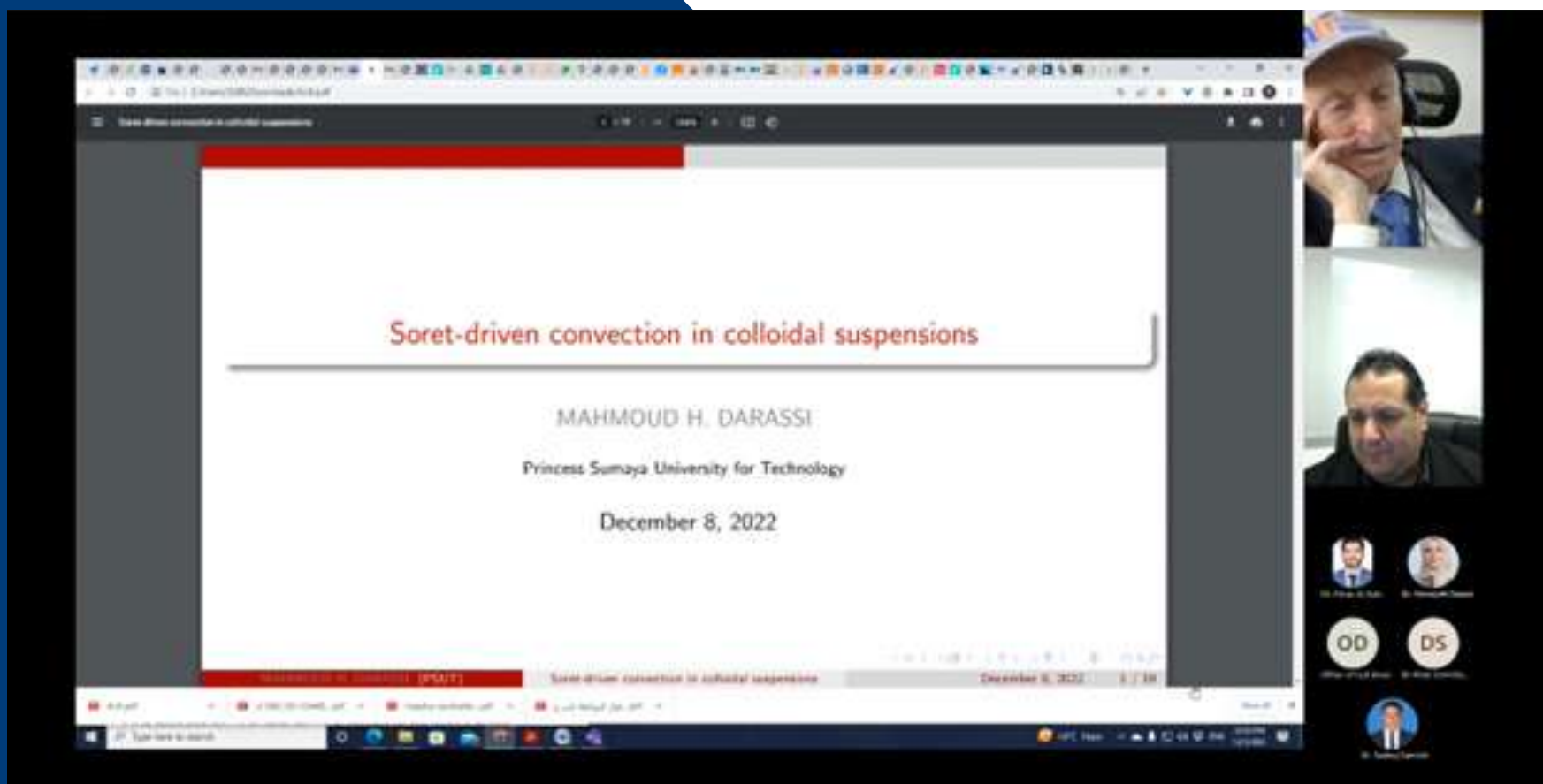
- Who is responsible for it?
- How much time will it take?
- What are the key success factors?

Gap analysis
Action planning
Key success factors
Execution & evaluation



“Water Security: A North Star to Global Sustainability” virtual seminar presented by the Civil Engineering Faculty member Dr. Masoud Irannezhad

“Water Security: A North Star to Global Sustainability” virtual seminar presented by the Civil Engineering faculty member Dr. Masoud Irannezhad on the M.S Teams on Monday 28th of November 2022.



“Soret-driven Convection in Colloidal Suspensions” virtual seminar presented by the guest speaker Dr. Mahmoud DarAssi

“Soret-driven Convection in Colloidal Suspensions” virtual seminar presented by the guest speaker Dr. Mahmoud DarAssi on the M.S Teams on Monday 5th of December 2022.



“Driving Decarbonization and Developing Sustainable Energy Through Innovation” by the guest speaker Mr. Abdul-Wahab Dirawieh

“Driving Decarbonization and Developing Sustainable Energy Through Innovation” seminar presented by the guest speaker Mr. Abdul-Wahab Dirawieh at the Australian University (AU) on 12th of December 2022.





"KFAS First Call for Research proposals – 2022/2023" Virtual seminar presented by Dr. Khalil Khanafer

"KFAS First Call for Research proposals – 2022/2023" Virtual seminar presented by Dr. Khalil Khanafer, Senior Manager – AU Research Center on the M.S Teams on Monday 9th of January 2023.

College of Engineering Weekly Seminar/Workshop Schedule

Spring 2023 Semester

Seminar / Workshop Presenter Name	Guest Speaker/ CoE Faculty	Department	Seminar / Workshop Title	Seminar / Workshop Date	Time	Location
February 2023						
Dr. Michel Nahas	AU Faculty	Electrical & Electronics Engineering	Assessment of a Hybrid Renewable Energy System: The "Case of Kuwait	13/02/2023	12:30-02:00 PM	Auditorium
Group of Presenters from AU, international universities, and the industry	AU Faculty and Guest Speakers	Civil Engineering	Workshop: Research Contribution to Civil Engineering and Sustainable Infrastructures	14/2/2023 & 13	5:00 PM-8:00 PM	Auditorium
Dr. Abrar Ali (Fellow @ Royal Astronomical Society (UK	Guest Speaker	Mathematics & Physics	Solar Convection and Magnetic Buoyancy	20/02/2023	12:30-02:00 PM	Auditorium
March 2023						
Dr. Ahmad Sedagha	AU Faculty	Mechanical Engineering	Creative Applications of Thin Films in Mechanical Engineering	06/03/2023	12:30-02:00 PM	Auditorium
Eng. Mahmoud Hamdy Gobran Log Interpretation & Reservoir Team Lead at Senergy Oilfield Solutions Company	Guest Speaker	Petroleum Engineering	Reservoir Flow Assessment in Vertical and Horizontal Wells	13/03/2023	12:30-02:00 PM	Auditorium
Eng. Mansoor Ali Al Habshi Engineering Consultants Office	Guest Speaker	Civil Engineering	FIDIC Contract Suite	20/03/2023	12:30-02:00 PM	Auditorium
April 2023						
Ms. Rola Mourdaa – Senior Instructor / Manager – Teaching and Learning Center	AU Faculty	Teaching & Learning Center	SET, Faculty and Advising Surveys Feedback Session	03/04/2023	12:30-02:00 PM	Auditorium
Eng. Mohamed Ibrahim Hashem KCPC -QA/QC Civil Department	Guest Speaker	Civil Engineering	Sustainability and Social Development	10/04/2023	12:00-01:00 PM	Auditorium
Dr. Amin Al Ka'bi	AU Faculty	Electrical & Electronics Engineering	Applications of Adaptive Antenna Arrays in Wireless Communication Systems	17/04/2023	12:00-01:00 PM	Auditorium

May 2023						
Dr. Anahita Abadpour (Head of Reservoir Condition Corefloods @ TotalEnergies, France)	Guest Speaker	Mathematics & Physics	Data Science in Oil and Gas Industry	01/05/2023	02:00-12:30 PM	MS Teams
Dr. Naser Abu Daqqa Managing Director, Company: Power I.D., Germany	Guest Speaker	Mechanical Engineering	e-Mobility and Electric Drive Systems	08/05/2023	02:00-12:30 PM	MS Teams
Eng. Khaled Hantoush	AU Faculty	Petroleum Engineering	Attracting Investments to the Petroleum Industry Using Distributed Ledger	15/05/2023	02:00-12:30 PM	Auditorium

Mechanical Engineering Department	2
Civil Engineering Department	3
Petroleum Engineering Department	2
Electrical & Electronics Engineering Department	2
Mathematics & Physics Department	2
Teaching & Learning Center	1
Total Seminars	12



"Assessment of a Hybrid Renewable Energy System: The Case of Kuwait" seminar presented by the Electrical & Electronics Engineering faculty member Dr. Michel Nahas

"Assessment of a Hybrid Renewable Energy System: The Case of Kuwait" seminar presented by the Electrical and Electronics Engineering faculty member Dr. Michel Nahas at the Australian University (AU) on Monday 13th of February 2023.





"Creative Applications of Thin Films in Mechanical Engineering" seminar presented by the Mechanical Engineering faculty member Dr. Ahmed Sedaghat

"Creative Applications of Thin Films in Mechanical Engineering" seminar presented by the Mechanical Engineering faculty member Dr. Ahmed Sedaghat at the Australian University (AU) on Monday 6th of March 2023.





"Reservoir Flow Assessment in Vertical and Horizontal Wells" seminar presented by the guest speaker Eng. Mahmoud Hamdy Gobran

"Reservoir Flow Assessment in Vertical and Horizontal Wells" seminar presented by the guest speaker Eng. Mahmoud Hamdy Gobran at the Australian University (AU) on Monday 13th of March 2023.





Civil Engineering Workshop

Research contribution to Civil Engineering and sustainable infrastructures “Selective Research Outcomes and Recommendations” workshop conducted at the Australian University (AU) on Monday and Tuesday 13th & 14th of February 2023, organized by the Australian University – Kuwait, College of Engineering, Civil Engineering Department and University of Nevada, Reno (UNR), Western Regional Superpave Center, Civil and Environmental Engineering Department.





“FIDIC Contact Suite” seminar presented by the guest speaker Eng. Mansoor Ali

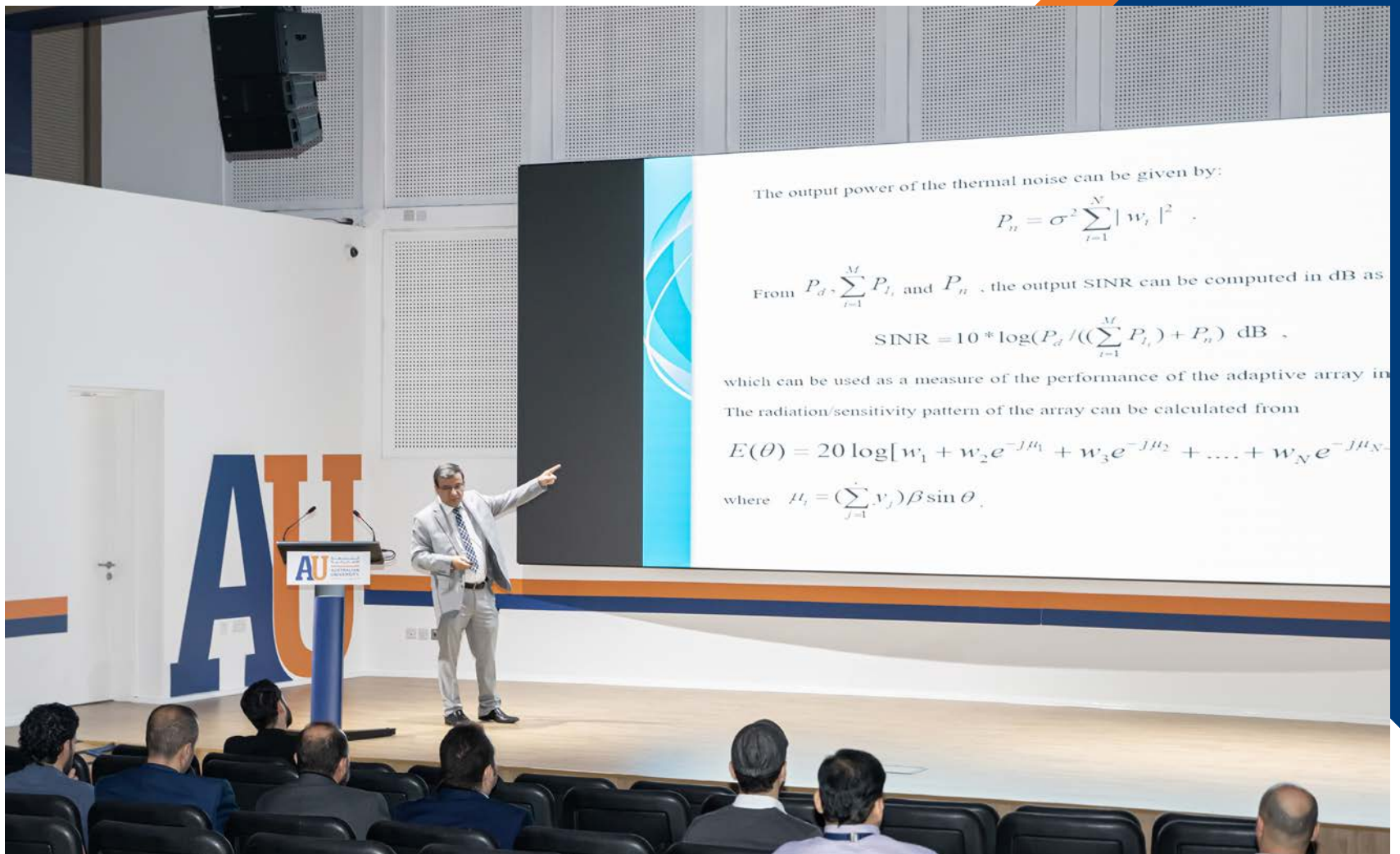
“FIDIC Contact Suite” seminar presented by the guest speaker Eng. Mansoor Ali at the Australian University (AU) on Monday 20th of March 2023.





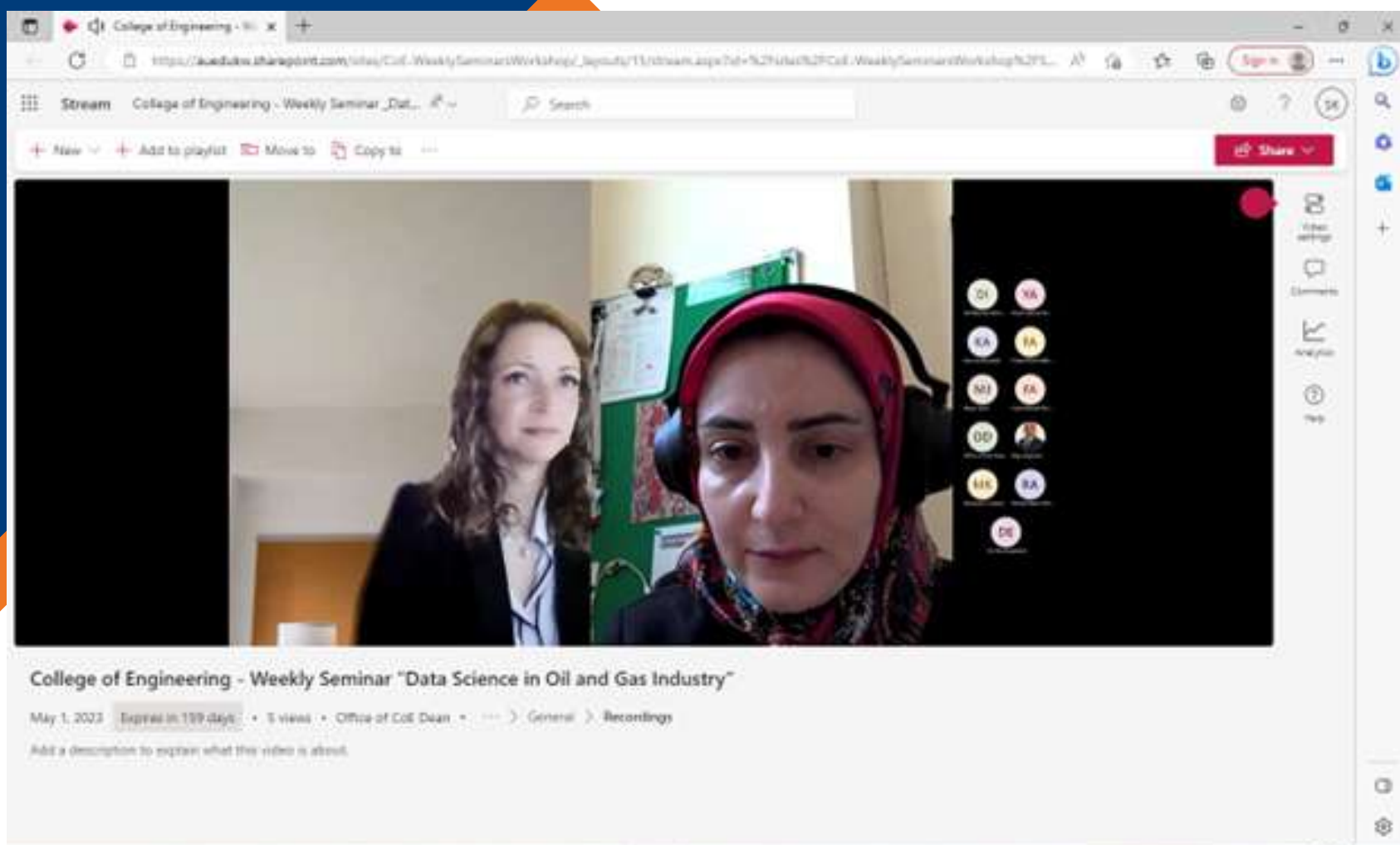
“Sustainability and Social Development” seminar presented by the guest speaker Eng. Mohamed Ibrahim Hashem

“Sustainability and Social Development” seminar presented by the guest speaker Eng. Mohamed Ibrahim Hashem at the Australian University (AU) on Monday 10th of April 2023.



“Applications of Adaptive Antenna Arrays in Wireless Communication Systems” seminar presented by the Electrical and Electronics Engineering faculty member Dr. Amin Al Ka’bi

“Applications of Adaptive Antenna Arrays in Wireless Communication Systems” seminar presented by the Electrical and Electronics Engineering faculty member Dr. Amin Al Ka’bi at the Australian University (AU) on Monday 17th of April 2023.



“Data Science in Oil and Gas Industry” virtual seminar presented by the guest speaker Dr. Anahita Abadpour

“Data Science in Oil and Gas Industry” virtual seminar presented by the guest speaker Dr. Anahita Abadpour on the M.S Teams on Monday 1st of May 2023.

**“Emobility – Electric Vehicle Technology and Innovation”
virtual seminar presented by the guest speaker
Dr. Naser Abu Daqqa**

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COLLEGE OF ENGINEERING

***Presentations &
trainings***



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KISR Meeting & Presentation



On Monday 26th of September 2022, Dr. Ayman Al Qattan from Kuwait Institute for Scientific Research (KISR), who is also an active member of the College of Engineering Industrial Advisory Board, met with a group of engineering senior students who were nominated for the Kuwait Foundation for the Advancement of Sciences (KFAS) Field Training Program about Solar Photovoltaic Energy.

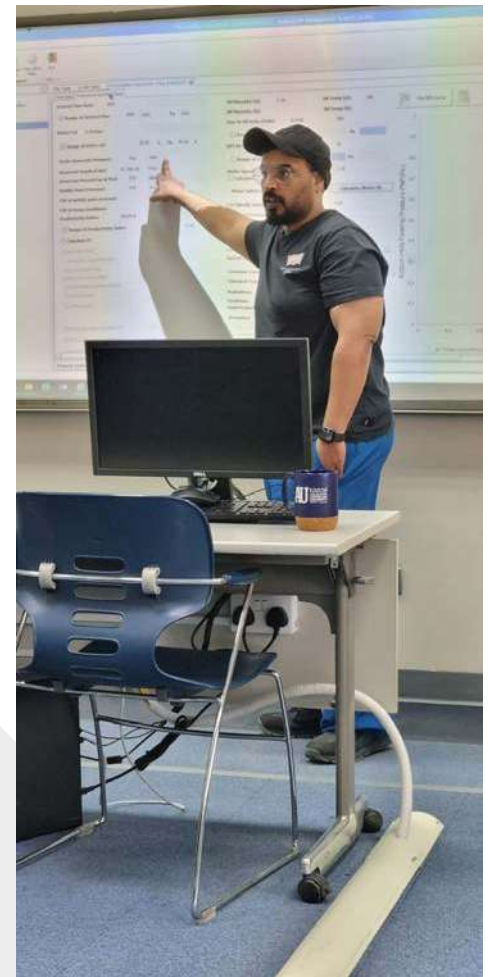


In addition, Eng. Fatma Al Failkawi from Kuwait Institute for Scientific Research (KISR), delivered a presentation to the same group of engineering senior students about Solar Energy Technologies to complement the field training program on Sunday 2nd of October, 2022.

KOC Presentation Electrical Submersible Pumps (ESP)



On Monday 3rd of October 2022, Dr. Mohammed Omar invited Eng. Ahmed Mohammad Al-Harbi, from KOC and an alumnus of AU, to one of the PBL sessions to provide students with a presentation about "Electrical Submersible Pumps Application in Kuwait".



Introduction Session on LNGI Facilities by KIPIC



Kuwait Integrated Petroleum Industries Company (KIPIC), Training and Career Development Department conducted an introductory session about the LNGI facility for a group of Petroleum Engineering students as part of their PBL course taught by Dr. Suad Al Radhwan on Wednesday 28th of September 2022. The session was presented by Eng. Abdullah Rashed, Eng. Latifah Al Temeemi and Eng. Saud Al Baijan.



Pearson Informative Presentation



On Wednesday 5th of October 2022, faculty members from the College of Engineering met with the Account Manager of Pearson Higher Education, Ms. Meha Chettiar, who delivered a presentation along with an in-depth demo about Pearson digital products for several engineering fields and courses.



Students Engagement Activity as a Part of PBL Course



On Wednesday 5th of October 2022, Dr. Suad Al Radhwan invited one of our recent graduates, Eng. Bedoor Al Kandari to give a presentation for our students as a part of a PBL course (21SPTE 422 - Environmental Protection). The presentation was about "Air Dispersion Modelling" and was followed by a short training session on the software used for modeling.



First Training Session on Solar PV Presented by KISR



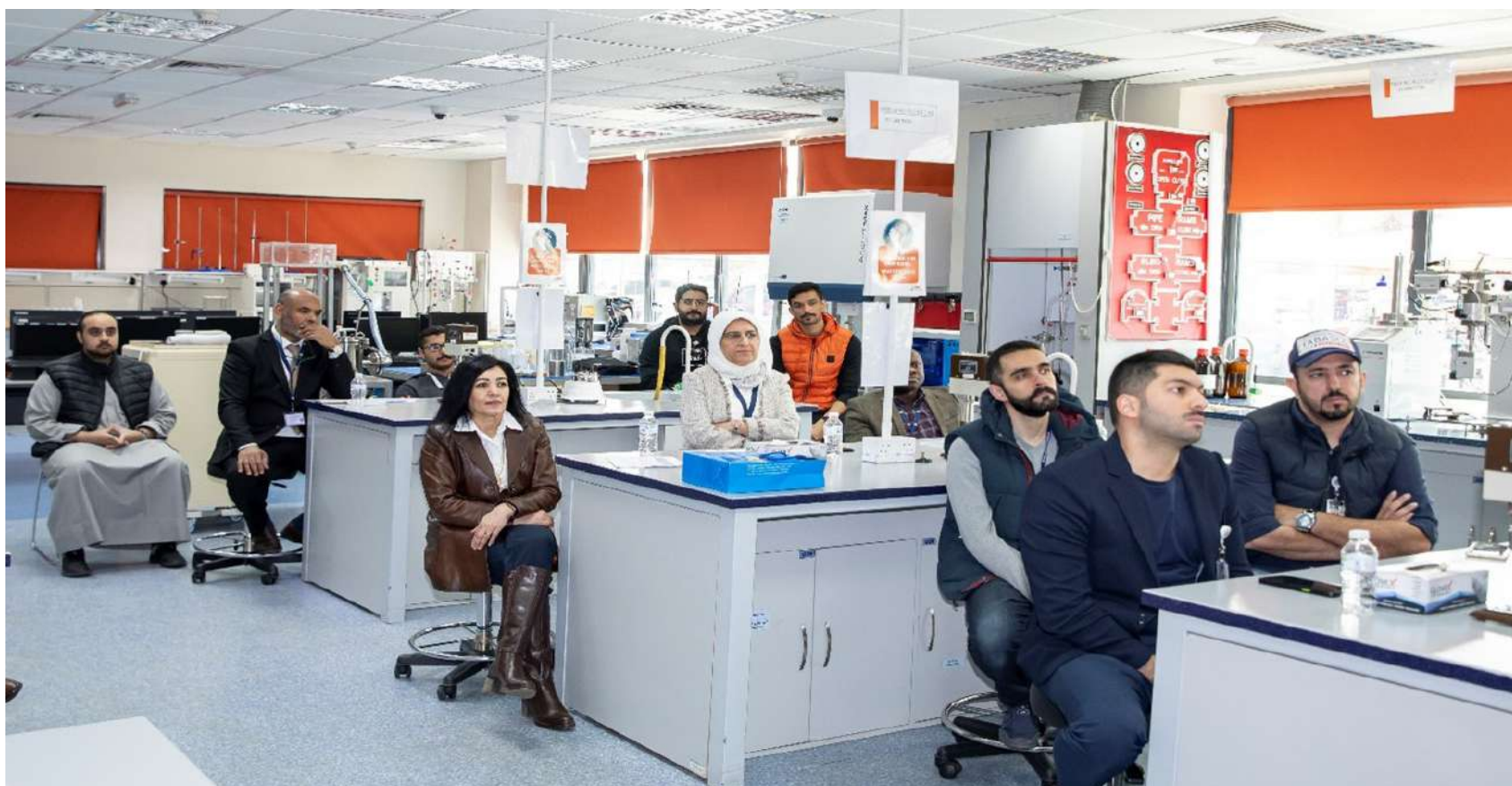
The Petroleum engineering senior graduate students attended on Monday 20th of February 2023 at the Australian University campus the first training session on solar PV presented by Kuwait Institute for Scientific Research (KISR).



Product Demonstration by Yokogawa Electric Corporation



On Wednesday, February 22, 2023, representatives from Yokogawa Electric Corporation visited AU to demonstrate its Flow Cam device used in oil and gas applications. In attendance were AU faculty from the Petroleum Engineering Department and members from KIPIC and KOC R&D and Laboratory Departments. Samples from the oil and gas industry were used on the Flow Cam device and guests commented on its useful application.





Third Training Session on Solar PV Presented by KISR



The Petroleum engineering senior graduate students supervised by Dr. Suad Al Radhwan attended on Wednesday 22nd of March 2023, at the Energy and Building Center of KISR – Shuwaikh, the third training session on solar PV presented by Kuwait Institute for Scientific Research (KISR).

The objective of this visit was to explain to the students how to use the Skelion software to design the Solar Systems plugin for Sketchup software. Also, the students learned how to use the PVSYST software in order to run their project and complete their study.

Post Graduate Oil and Gas Job Training Program



A group of Petroleum engineering graduates have successfully completed the Burgan Drilling Hamad Al Hamad two-month internship program from 5th of February till 30th of March 2023.



The students experienced the many facets of the oil and gas industry that included safety training, workplace culture, human resources, quality management, maintenance and visits to the camps, rigs, and yards.



COLLEGE OF ENGINEERING

*Engineering Exhibition
Students' Graduation
Projects*



Exhibition of Engineering Students' Graduation Projects

For the past years, the College of Engineering at the Australian University has been highlighting the abilities of its students to tackle today's industrial challenges through an exceptional event.



EVENT COORDINATOR:

Dr. Jean El Achkar

Assistant Professor

Petroleum Engineering Department

EVENT ASSISTANT:

Ms. Amani Abed Al Hai

Senior Officer

Electrical and Electronics
Engineering Department



Fall 2022-2023:

For Fall 2022, the Exhibition of Engineering Students' Projects at the Australian University took place on December 28, 2022, at the Boulevard Ballroom in Salmiya, under the patronage of his excellency Dr. Hamad Abdulwahab Al-Adwani, Minister of Education and Minister of Higher Education and Research represented by Eng. Omar El Kandari, the acting Secretary General of the General Secretariat of the Private Universities Council in Kuwait.

This exhibition constitutes an excellent opportunity to connect students and faculty with industry partners and professionals. This event was special since we commemorated the students in person after more than 2 years off due to the COVID-19 pandemic. Moreover, this exhibition was celebrated for the first time since our establishment as a full-fledged university. This semester, we had 31 projects conducted by 137 students, covering a wide range of engineering areas under the umbrella of Innovation and Sustainability.

Special thanks to the sponsors, Gulf Bank, KFAS (Kuwait Foundation for the Advancement of Sciences), and Commercial Bank of Kuwait, for their cooperation and generous contributions.

OPENING CEREMONY AND RIBBON CUTTING:







EXHIBITION TOUR:





WINNERS OF THE COLLEGE OF ENGINEERING:





**WINNER OF THE AUSTRALIAN EMBASSY IN KUWAIT AWARD,
PRESENTED BY H.E. MELISSA KELLY, AUSTRALIAN
AMBASSADOR TO KUWAIT:**



WINNERS OF THE GULF BANK:





CLOSING CEREMONY AND SPONSORS' ACKNOWLEDGMENT:





Regarding the evaluation of the projects, external evaluators from many industries were selected to support the internal evaluators (AU faculty) with the assessment of the displayed projects during the exhibition.

Below is the list of Companies/Industries represented by the external evaluators:

- **Burgan Drilling/Hamad Al Hamad**
- **Eastern National Oilfield Co.**
- **KOC (Kuwait Oil Company)**
- **Sayed Hamid Behbehani**
- **Gulf Consult**
- **Mabanee**
- **KISR (Kuwait Institute for Scientific Research)**
- **KIPIC**
- **Huawei**
- **Gulf Drilling & Maintenance Company (GDMC)**
- **Siemens**
- **Towers Engineering Company**
- **Gulf Bank**

Scan this QR code to access the booklet and view all project descriptions from various departments:

5 Projects - Petroleum Engineering

9 Projects - Civil Engineering

9 Projects - Mechanical Engineering

8 Projects - Electrical & Electronics Engineering



Scan this QR code to
access the booklet



Scan this QR code to view
the event recap video

Exhibition of Engineering Students' Graduation Projects

Spring 2022/2023



AU **الجامعة الأسترالية**
AUSTRALIAN UNIVERSITY
KUFAS **مؤسسة الكويت للتقدم العلمي**
KFAS
MARKAZ **المركز**
MARKAZ
Australian Embassy
NBK **الوطني**
NBK

**THE EXHIBITION OF ENGINEERING
STUDENTS' GRADUATION PROJECTS**
— SPRING 2022/2023 —

Under the patronage of his Excellency
Dr. Hamad Al-Adwani
Minister of Education and Minister of
Higher Education and Scientific Research

The College of Engineering at the Australian University (AU)
and its' Dean Dr. Mohammed Abdul-Niby are honored
to invite you to attend

**"The Exhibition of Engineering Students'
Graduation Projects"**
on Wednesday, May 17th, 2023, at 9:30 AM
Venue: Boulevard ballroom - Salmiya

For more information, please contact Dr. Jean El Achkar
at 1828225 Ext.: 4518

Spring 2022-2023:

For Spring 2023, the Exhibition of Engineering Students' Projects at the Australian University took place on May 17, 2023, at the Boulevard Ballroom in Salmiya, under the patronage of his excellency Dr. Hamad Abdulwahab Al-Adwani, Minister of Education and Minister of Higher Education and Research.

For Spring semester, we had 56 projects conducted by 252 students, covering various engineering areas such as digitization, sustainability, process optimization, environmental protection, etc.

We would like to extend our deepest appreciation to our sponsors, the NBK Bank, KFAS - Kuwait Foundation for the Advancement of Sciences, and Markaz - Kuwait Financial Centre, for their cooperation and generous contributions.

OPENING CEREMONY AND RIBBON CUTTING:



EXHIBITION TOUR:











WINNERS OF THE COLLEGE OF ENGINEERING:





CLOSING CEREMONY AND SPONSORS' ACKNOWLEDGMENT:





WINNERS OF THE AUSTRALIAN EMBASSY IN KUWAIT, PRESENTED BY
MS. AMANDA MCGREGOR, CHARGÉ D'AFFAIRES.





The list of Companies/Industries represented by external evaluators:

- | | |
|------------------------------|--|
| - Burgan Drilling | - IHS Kuwait |
| - Senergy Oilfield Solutions | - Madayen Contracting |
| - GE KTC | - Ministry of Education |
| - Baker Hughes | - MPW |
| - KIPIC | - Mabanee |
| - KOC | - GE KTC |
| - MPW | - Gulf Consult |
| - Kirby Building Systems | - NOV (National Oilwell Varco) |
| - KDNR Inc. | - Agility Logistics |
| | - KAFCO (Kuwait Aviation Fuelling Company) |

Scan this QR code to access the booklet and view all project descriptions from various departments:

8 Projects - Petroleum Engineering

21 Projects - Civil Engineering

19 Projects - Mechanical Engineering

8 Projects - Electrical & Electronics Engineering



Scan this QR code to
access the booklet



Scan this QR code to view
the event recap video



Scan this QR code to view
the event recap video



COLLEGE OF ENGINEERING

AU's Long-Service Awards



AU's Long-Service Awards

The Australian University (AU) awarded some of the College of Engineering employees with the long-service awards during the annual staff dinner on Tuesday, 11th of October 2022.

Honored employees of the College of Engineering were:



Dr. Mohammed Abdul Niby, Dean - CoE / Associate Professor / Electrical & Electronics Engineering Department



Prof. Martin Jaeger, Senior Manager - Project Based Learning Center / Professor / Civil Engineering Department



Dr. Ehab Bani Hani, Associate Professor / Mechanical Engineering Department



Dr. Amin Al Ka'bi, Associate Professor / Electrical & Electronics Engineering Department



Eng. Sana Al Ezzah, Senior Instructor / Civil Engineering Department



Eng. Hania El Kanj, Senior Instructor / Electrical & Electronics Engineering Department



Eng. Mashael Alshemmery, Lab Engineer / Mechanical Engineering Department



Mr. Abraham Nethala, Senior Technician / Workshop



**Ms. Sonia Kalayji, Coordinator - Academic Administration /
College of Engineering - Dean's Office**



**Mr. Taher Afrasiab, Senior Lab Technician / Civil Engineering
Department**



**Mr. Osama Abdo, Administration Assistant / College of
Engineering**



COLLEGE OF ENGINEERING

Teaching Excellence Award



Teaching Excellence Award



The Teaching Excellence Award 2021/2022 was delivered on Tuesday 11th of October 2022, during the Australian University's annual staff dinner.

This award is granted once per academic year to recognize the outstanding performance of a faculty member from different perspectives such as teaching, CSR, research, and other contributions.

The nominated engineering faculty members are as follow:

Dr. Mohamad Farhat - Associate Professor / Electrical & Electronics Engineering Department

Dr. Suad Al Radhwan - Assistant Professor / Petroleum Engineering Department

Dr. Rana Lakys - Assistant Professor / Civil Engineering Department

Dr. Nader Ghareeb - Assistant Professor / Mechanical Engineering Department - Manager - Workshop

Dr. Rasha Al Jamal - Assistant Professor / Mathematics & Physics Department

Two faculty members from the College of Engineering have been awarded.



Mechanical Engineering Department
Dr. Nader Ghareeb
 Assistant professor / Manager - Workshop



Civil Engineering Department
Dr. Rana Lakys
 Assistant Professor / Civil Engineering Department



COLLEGE OF ENGINEERING

Laboratories



College of Engineering Laboratory



Dr. Michel Nahas

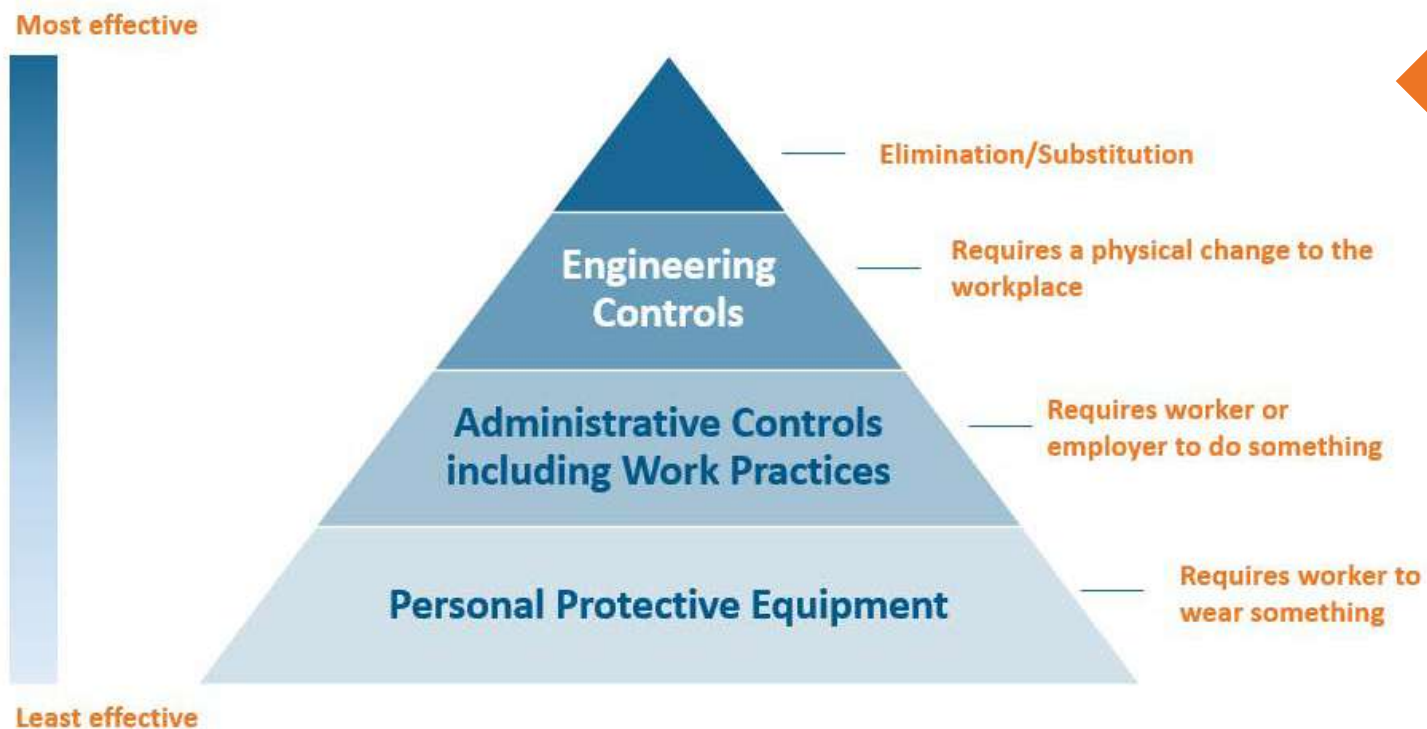
Manager - Laborator
Assistant Professor - Electrical and
Electronics Engineering

Throughout the year, the engineering labs at AU have been a hub of innovation and discovery. These labs were vital learning spaces for students studying engineering, offering practical, hands-on experiences and deepening their understanding of theoretical concepts. This section aims to highlight the wide range of activities that took place within our engineering labs, showcasing significant achievements, pioneering events, and collaborative endeavors that have shaped our engineering community. We owe our gratitude to the lab engineers, technicians, and other departments, including Health and Safety, Security, Facilities, Purchasing, Student Affairs, Marketing, and Information Technology, who helped make these successes possible.

During this academic year, the engineering labs played a significant role in fostering numerous student projects. These activities aimed to encourage creativity, problem-solving, and teamwork among students. The projects encompassed Project-Based Learning and Graduation Projects, with the labs offering guidance and mentorship to ensure successful project outcomes.

It is crucial to establish comprehensive laboratory safety rules to prevent any mishaps in the lab. The Lab Manager has conducted a thorough review of safety policies from various laboratories to identify the most prevalent lab safety regulations. However, the enforcement of safety rules is essential for their effectiveness, highlighting the significance of excellent lab management for a secure laboratory. Familiarity with proper laboratory safety signs and symbols is also critical.

Through collaboration with the Health & Safety team and Workshop Manager, we have developed a comprehensive safety manual that is essential for maintaining safety in the workplace and ensuring compliance with safety regulations. This manual serves as a valuable resource, providing easy access to College of Engineering safety guidelines. It presents all the necessary elements of the labs' safety plan in a clear and concise manner, making it an accessible guide and reference tool.



In addition, our labs have been actively enhancing their resources throughout the academic year. Several significant events have also occurred.

- A new laboratory has been established with sponsorship from Huawei. Further information is provided below.
- We are currently in discussions and negotiations with various companies to secure sponsorship for additional labs in the future.
- We recently acquired new equipment and replaced some of the older machines in our laboratory.
- We held several meetings with suppliers and vendors to upgrade the equipment in our laboratories.
- Various institutions and companies have conducted visits and inspections at the labs.
- Lab engineers and technicians recently participated in a comprehensive firefighting training program that included both theoretical and practical sessions.
- We are currently in the process of planning and implementing expansions to our laboratories, including the construction of new facilities.
- A proposal for the modernization of the laboratory experiments framework has been submitted for further evaluation.



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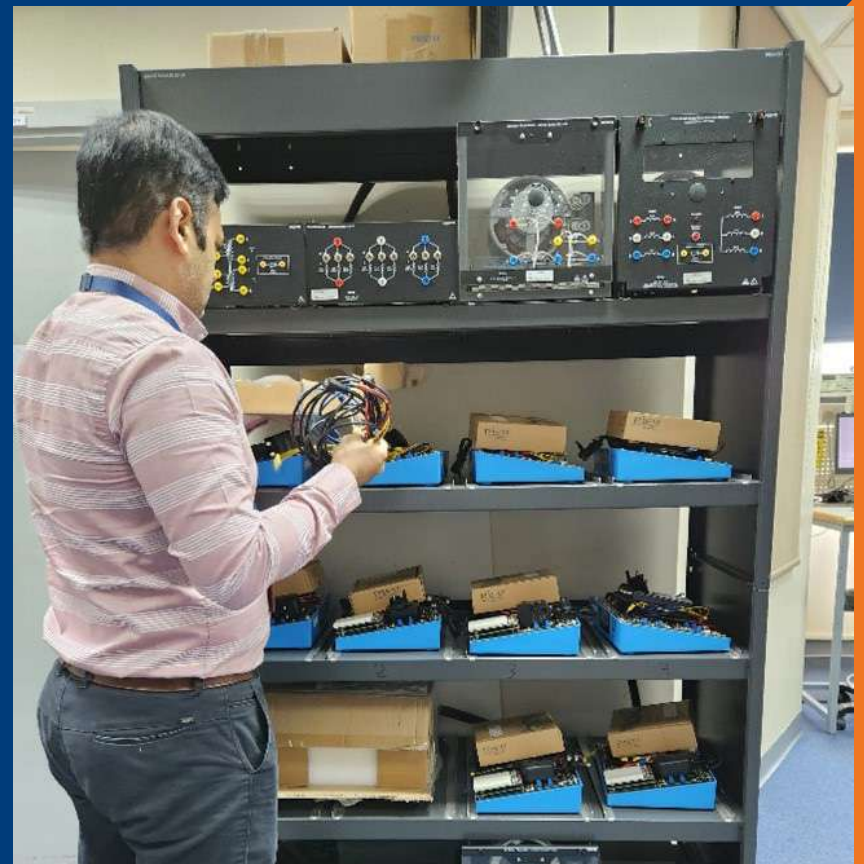
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CIVIL ENGINEERING LABS

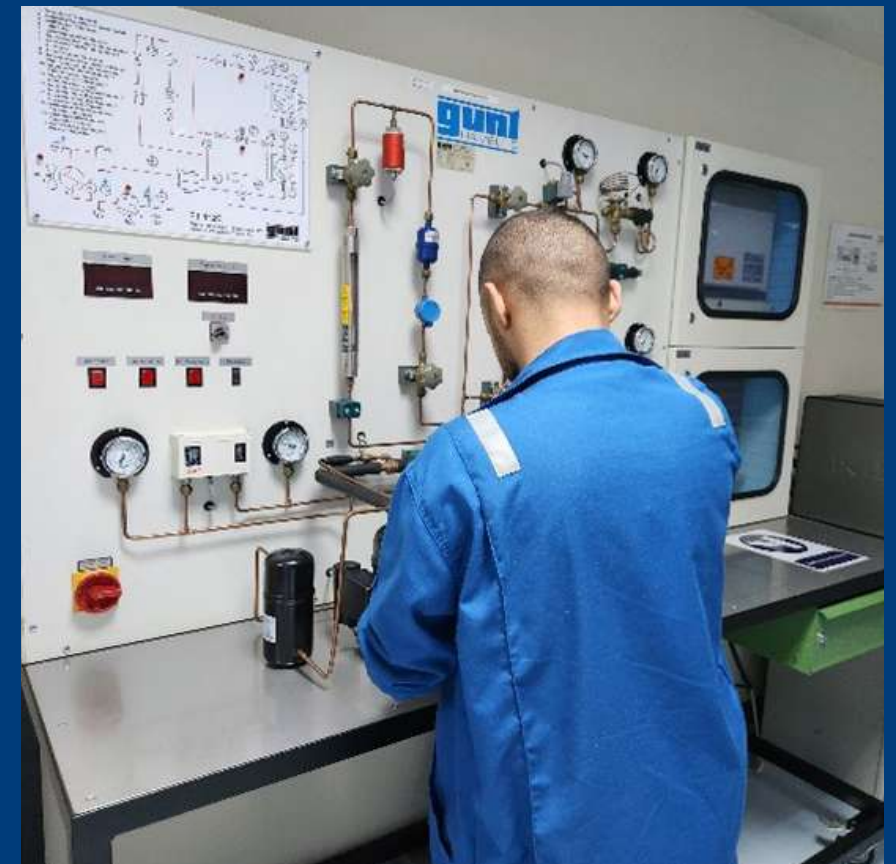




ELECTRICAL ENGINEERING LABS



MECHANICAL ENGINEERING LABS

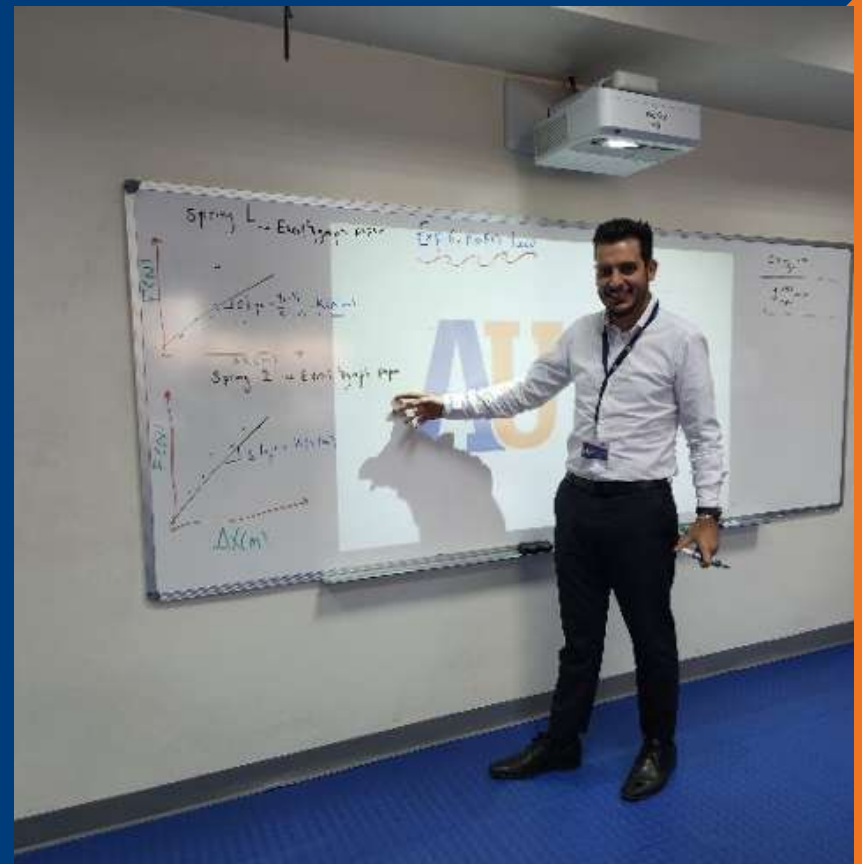


PETROLEUM ENGINEERING LABS





MATHEMATICS & PHYSICS LABS





COLLEGE OF ENGINEERING

Workshop



College of Engineering Workshop



The other function includes manufacturing equipment for teaching and research, providing support to staff engaged in research, and supporting students who work on their final year graduation projects. Most of the graduation projects are fabricated at the workshop premises.

With about 600 square meters of occupied area, in addition to five dedicated and well-trained technicians and a workshop manager, the College of Engineering Workshop has two basic functions: Firstly, its facilities and resources are utilized for teaching purposes. The workshop sessions provided to Mechanical Engineering Diploma students enhance their skills in using hand tools, machinery, and fabrication processes in a safe and healthy working environment.

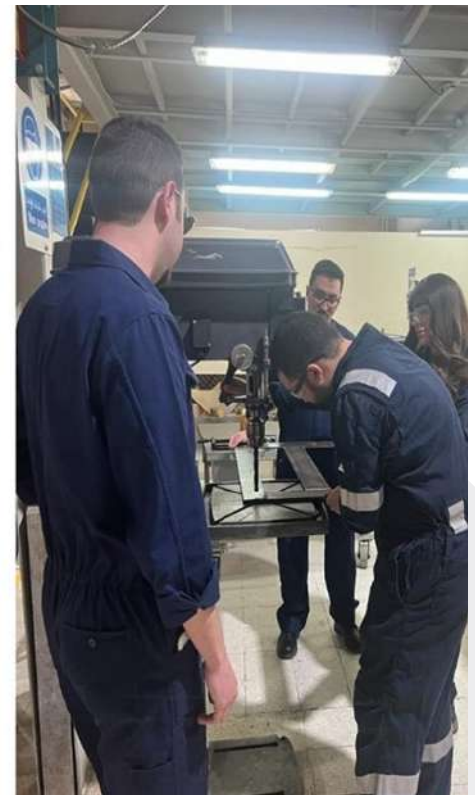


**Workshop Manager Dr. Nader Ghareeb
with the workshop technicians**



Throughout the past two years, many improvements have been made in the workshop activities. Reporting practices have been implemented (inspection reports, incident reports, etc.).

However, the central focus is always on providing a safe place to work by maintaining a critical focus on safety and environmental management issues and ensuring that all workplace safety and health policies, procedures and regulations are followed in collaboration with the Health and Safety Department at the AU. A workshop safety manual will be introduced to students using the workshop.





All workshop operations are planned to comply with the prescribed policies and standards. This includes, for example, planning, organizing, and coordinating the day-to-day running of the workshop, as well as inspecting the tools and equipment, and checking that they are available and maintained in the correct place at proper operating conditions.





In order to be able to improve the quality of the services provided to students and researchers, the workshop technicians are getting continuous training by certified associations.

In addition to that, the available machines are continuously being replaced by more advanced and safer devices. This paves the way for smoother and even safer workshop operations.





COLLEGE OF ENGINEERING

Project Based Learning (PBL) Center



College of Engineering

Project Based Learning (PBL) Center



Prof. Martin Jaeger

Senior Manager – Project Based Learning (PBL)
Professor - Civil Engineering Department

The mission of the PBL Center is to:

- **Develop and implement an effective PBL environment for AU students.**
- **Train, coach and advise PBL facilitators; and,**
- **Provide an internal and external representation of the PBL approach at the AU.**

The following sections provide an overview of PBL principles, PBL projects during the academic year 2022-2023, PBL Center research activities, and PBL professional development.

PBL Principles

The six learning principles of the PBL model applied in the College of Engineering are summarized as follows:

1. Project-oriented (i.e., a project scenario provides a starting point and guidance for the learning process).
2. Student self-directed / Facilitator guided (i.e., students are responsible for their learning and decide on their learning strategy – guided by the facilitator).
3. Activity-based (i.e., activities such as research, drafting, etc. allow reflections and learning).
4. Real life context (i.e., project scenario and work are as close as possible to an industry setting).
5. Analytical thinking required (i.e., challenges resulting from the project work require thinking to be solved); and,
6. Team-based (i.e., students work collaboratively, facilitator acts as “client” or “line manager”).

These principles influence each other and have been found to ensure an effective learning approach.



Figure 1 Student interacting with industry professionals

PBL Projects

During the academic year 2022-2023, many challenging projects were carried out by the students of Civil, Electrical, Mechanical and Petroleum Engineering. Dedicated PBL Facilitators (i.e., professors and instructors) guided students in their project work which ensured coverage of the intended course learning outcomes. A total of 24 courses utilized PBL in the College of Engineering, with seven courses in Mechanical Engineering, seven courses in Civil Engineering, five courses in Electrical Engineering, and five courses in Petroleum Engineering. The complexity of projects increased from semester to semester, and students were effectively prepared for the workplace. Including Research Based Learning and the CDIO concept (Conceive, Design, Implement, Operate -- <http://www.cdio.org>) ensured that students learnt the whole cycle of engineering design based on various engineering design projects.

Several projects were carried out in collaboration with industry. For example, one project included the investigation of influential factors affecting the quality

of plywood panels that are used for concrete formwork. Students carried out interviews with professionals (Figure 1), executed necessary laboratory testing, and developed a smartphone application that allows site managers to determine the re-usability of plywood panels.

Another example of industry collaboration was the investigation of Virtual Reality (VR) utilization for safety training of blue-collar workers. Students developed the investigation approach, familiarized themselves with a training module kindly provided by Next World, Dubai, carried out safety training for workers of several companies in Kuwait (Figure 2), applied statistical analysis, and drew important conclusions for companies in Kuwait.



Figure 2 Student providing VR training to worker

PBL Center Research

Since the inauguration of the PBL Center in 2015, the center has been continually active in PBL related research. Findings have not only contributed to the PBL model at AU, but have also found interest within the global engineering education community. A recent research project was related to the effectiveness of constructivist principles for teaching and learning Engineering Thermodynamics. Results will be presented at the international CDIO conference in Norway, June 2023.

Another research project considered the usability of Virtual Reality (VR) for the evaluation of the structural integrity of concrete structures. Special attention was given to aspects such as learning effectiveness and simulation sickness. Results were presented at the Global Engineering Education Conference of IEEE in Kuwait in May 2023.

PBL Professional Development

To ensure adequately prepared PBL Facilitators, the PBL Center offered a PBL workshop at the beginning of each semester for faculty members who were new to the PBL model at AU. They were introduced to the AU PBL policy and the AU facilitator guide, which provide the framework for PBL application in AU. Furthermore, the PBL Center identified and disseminated on a continual basis useful PBL training, such as PBL training offered by Trevor Muir. Finally, continual PBL support was provided to students and facilitators in collaboration with the departmental PBL committees and the CoE PBL committee.

PBL International Relations

As an active player within the international engineering education arena, the PBL Center also interacted with other educational institutions. For example, a visit by the Associate Dean Recruitment and International of Wolverhampton University, UK, Dr. Michael Gerges (Figure 3), provided an opportunity to discuss the latest developments and potential collaborations with AU.



Figure 3 Visit by representative of Wolverhampton University



COLLEGE OF ENGINEERING

***AU Scientific
Research Center***



College of Engineering

AU Scientific Research Center



Dr. Khalil Mohamad Khanafer

Senior Manager – AU Scientific Research Centre
Associate Professor – Mechanical Engineering
Department

RESEARCH AT AU

In recent years, AU has experienced a significant transformation in its research endeavors. The university has restructured its strategy and governance framework to prioritize and integrate impactful research as a fundamental function. Emphasizing specific areas, AU has concentrated its research efforts on water and environment, energy, materials, mechatronics and automation, learning philosophies and frameworks in higher education, innovation and entrepreneurship, business management and finance, as well as marketing and communication. To foster knowledge exchange, the College of Engineering has actively cultivated both national and international partnerships, enhancing its research capabilities by accessing valuable resources and networks. Through agreements with international collaborators, faculty members have engaged in joint research collaborations. At the national level, the university has expanded its research scope by collaborating with local funding institutions like KFAS. Additionally, internal grant schemes have been implemented to fund multidisciplinary research projects addressing key national priorities. Incentive plans have also been introduced to motivate faculty members to engage in research and publish their findings in esteemed journals. AU boasts a diverse and highly qualified faculty comprising experts in various subject areas. Their extensive expertise enables the university to produce graduates of the highest caliber, equipped to tackle the ever evolving and demanding challenges of the industry.

To uphold this vision, the Research Center is actively involved in establishing and maintaining focused lines of applied research that tackle priority areas aligned with Kuwait's National Development Plan, also known as the New Kuwait Vision 2035. Moreover, the research conducted is dedicated to addressing real-world issues and is driven by robust collaboration with industry partners. AU's research program aims to enhance the influence and effectiveness of research and scholarly endeavors, both within and beyond the university, by fostering interdisciplinary collaborations across various disciplines.

Mission

The research mission is as follows:

- To enhance the research profile of AU locally, regionally, and internationally
- To create national and international impact in the field of applied research
- To establish a research program supportive of the applied teaching model at AU
- To create interdisciplinary and collaborative research
- To sustain strong partnerships with research funding organizations such as KFAS, Kuwait Institute for Scientific Research (KISR), and the industry.

College of Engineering - Faculty Research Output (2022/2023)

AU is enthusiastic about contributing significantly to the advancement and enhancement of research and technology. The faculty members at the College of Engineering have consistently engaged in conducting research both individually and collaboratively. In the academic year 2022/2023, they accomplished notable achievements, including the publication of 83 research works (comprising 53 journal papers and 30 conference papers) and receiving 6 KFAS grants and 10 AU internal grants, as depicted in Figure 1. Numerous peer-reviewed papers were published in esteemed Q-ranked journals, based on Scopus rankings.

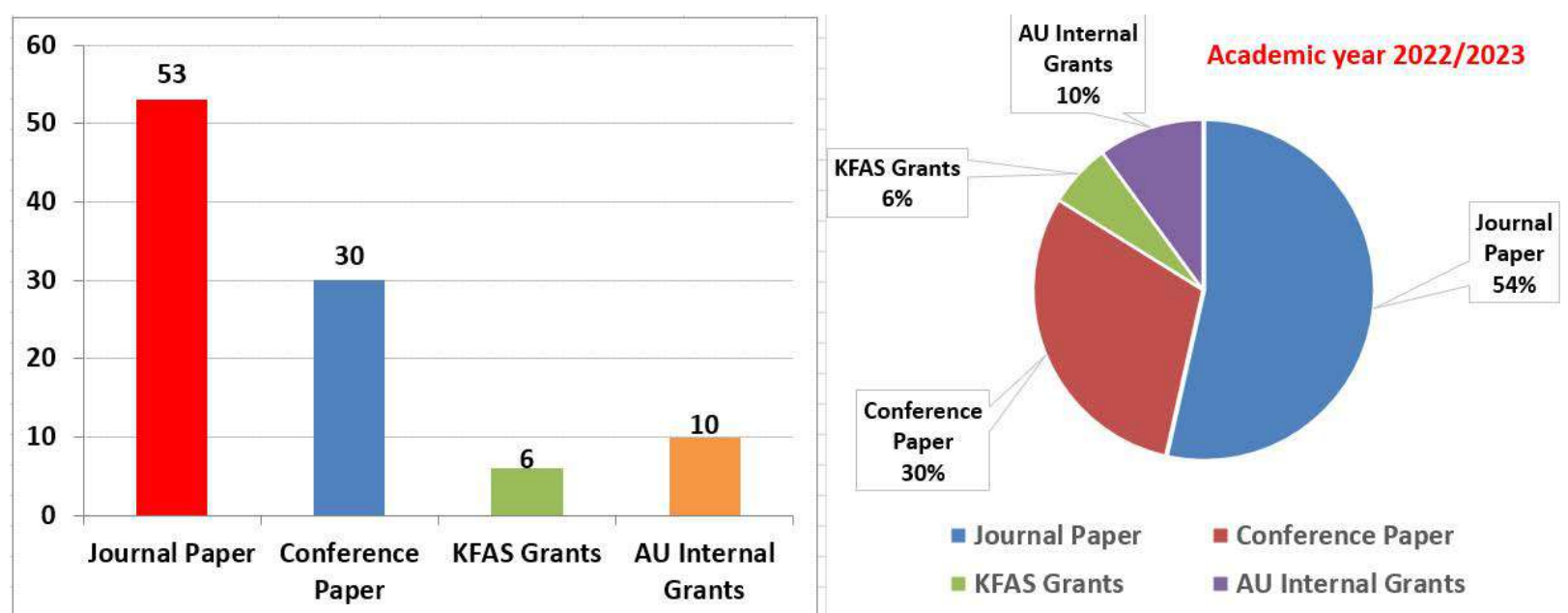


Figure 1. Summary of the College of Engineering Faculty Members Research Output for the academic year (2022/2023)



COLLEGE OF ENGINEERING

Internship



College of Engineering

Internship Program



Mrs. Joumana Tasse

Coordinator – Industrial Outreach

The College of Engineering offers its students an internship program that enables them to gain valuable work experience and make industry connections. The student and employer recruitment process begins every semester and students are placed with a company of their choice. The Coordinator of Industrial Outreach works with students to select a host from a database of over 150 employers. The work term consists of 150 hours. Students are assigned tasks relevant to their learning and interests.

The internship unit contains a series of assessment tools to ensure maximum learning experiences for students and feedback opportunities from employers. Students are evaluated on their transition from the classroom to the workplace and are questioned on additional skill gaps. Employers provide a critique of the curriculum, enabling the College of Engineering to enhance the quality of education for its learners.

A mid-site visit is conducted by assigned faculty advisors to the student's workplace to discuss their progress and receive feedback from employers. Employers appreciate the meetings because they provide an opportunity to discuss industry needs.

Photo and testimony of Electrical and Electronics Engineering Diploma student Shaima Jaber Jassem Shumais who interned with Gulf Consult (Messilah Beach Construction Project) during the Spring of 2023.



"I highly appreciate "Gulf Consult" because they give me an opportunity to learn and get more communication skills and to develop and apply critical thinking skills. Also, I developed practical skills and was assigned office work. It was an excellent experience, and the team was very cooperative. These pictures were taken when my supervisor (Eng. Binu) and I while visiting Hessah Al Mubarak construction site in the commercial district. Hessah project is considered one of the largest projects currently underway and is one of the United Real Estate Company (URC) facilities."





COLLEGE OF ENGINEERING

***Community Service &
Faculty Engagement***



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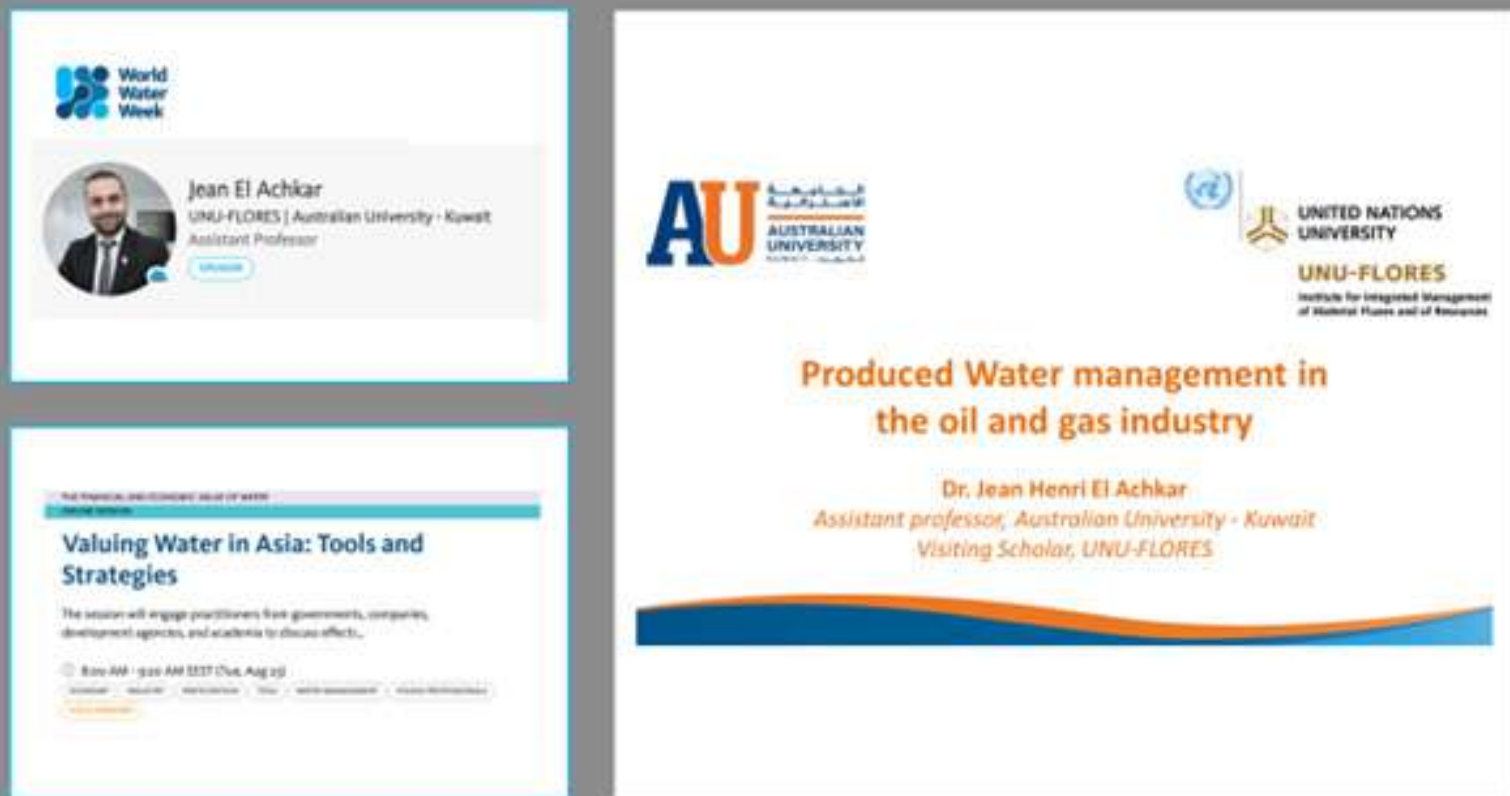


A group photo with the United Nations University – Flores team

Invitation of Federal Ministry of Education and Research, Germany

As the winner of the Green Talents Award for young researchers offered by the German Federal Ministry of Education and Research (BMBF), Dr. Jean El Achkar, Assistant Professor at the Petroleum Engineering Department, was invited by Minister Bettina Stark-Watzinger to undertake a fully funded research stay in the Federal Republic of Germany during July and August 2022.

As a visiting researcher, Dr. Jean was hosted by the United Nations University - Institute for Integrated Management of Material Fluxes and Resources (UNU-FLORES), one of the most prominent centers in the world, working on sustainability and resource management. During his stay, Dr. Jean focused on produced water (PW), considered the most important by product of oil and gas production. Appropriate PW management is critical to minimizing environmental degradation and ecological damage. As a result, the primary goal of his research was to investigate emerging trends in effective PW management using an Energy-Water-Food Nexus approach. Such research is regarded as an ideal bridge between the worlds of academia and public policy, promoting the right mindset for policymakers and the inclusion of co-participatory stakeholders.



Participation at the World Water Week 2022 as a speaker

Dr. Jean also participated in World Water Week 2022; the world’s most influential movement dedicated to transforming global water challenges. This annual international conference, organized by the Stockholm International Water Institute (SIWI), brings together experts, professionals, innovators, and entrepreneurs from various sectors and countries to develop solutions to water-related challenges. During the “Valuing Water in Asia: Tools and Strategies” session, Dr. Jean presented the findings of his research stay.



Dr. Mortadha Alsaba with a Group of Petroleum Engineering Alumni

SPE 2022 Abu Dhabi International Petroleum Conference and Exhibition (ADIPEC)

Dr. Mortadha Alsaba – Associate Professor / Head of Petroleum Engineering Department has been invited to serve as a Technical Program Committee Member (Drilling Domain) in the SPE 2022 Abu Dhabi International Petroleum Conference and Exhibition (ADIPEC) which was held from Monday 31st of October 2022 till Thursday 3rd of November 2022 under the patronage of H.H. Sheikh Mohamed Bin Zayed Al Nahyan, President of the United Arab Emirates.

A promotional banner for the ADIPEC 2022 event. The banner is dark blue with white and gold text. At the top left is the ADIPEC logo (a sunburst) and the text 'أديبك ADIPEC'. To its right is the ADNOC logo (a stylized bird) and the text 'أدنوك ADNOC'. Below these logos, the dates '31 October - 3 November 2022' and the location 'Abu Dhabi, United Arab Emirates' are listed. The main text in the center reads 'I AM A COMMITTEE MEMBER OF THE ADIPEC TECHNICAL CONFERENCE'. Below this is a button that says 'DOWNLOAD THE BROCHURE AND BOOK YOUR DELEGATE PASS'. On the right side of the banner is a portrait of Dr. Mortadha Alsaba, a man with a beard wearing a suit and tie. Below the portrait, his name and credentials are listed: 'Mortadha Alsaba, PhD. MIEAust CPEn'. At the bottom left, it says 'Technical Conference Organised By: Society of Petroleum Engineers' with their logo. At the bottom right, it says 'ADIPEC Brought To You By: dmgevents' with their logo.

International Scientific Conference on Digital Transformation

The Australian University (AU) hosted on Thursday 17th of November 2022, the “International Scientific Conference on Digital Transformation.”

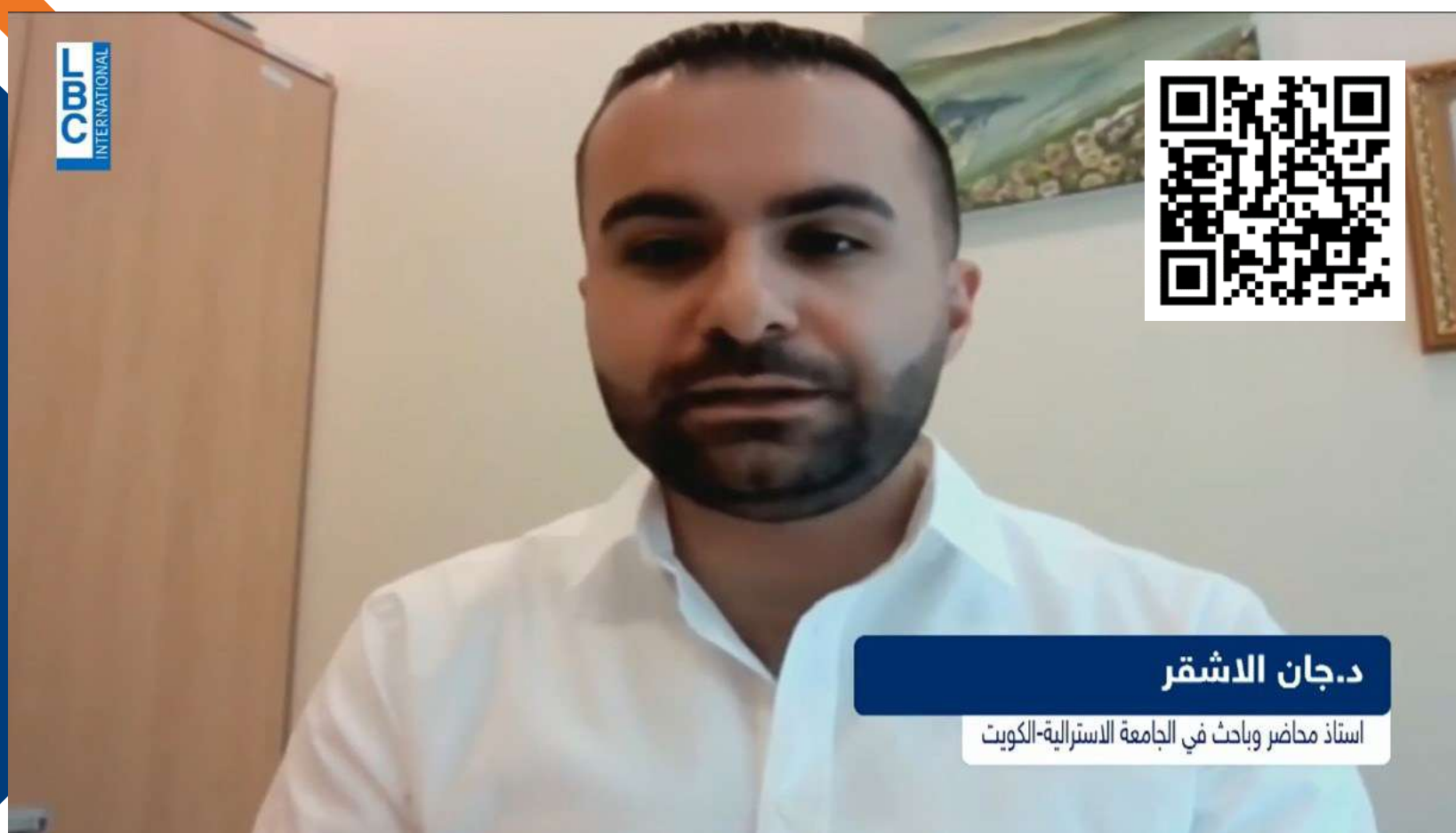
The College of Engineering faculty members attended the conference and Eng. Mohamad Iyad Al-Khiami – Instructor/ Civil Engineering Department delivered a presentation about “The Use of Disruptive Technologies in the Construction Industry”.





Dr. Jean El Achkar Interview on LBCI TV

Dr. Jean Henri El Achkar, Assistant Professor in the Department of Petroleum Engineering at AU, was invited as a guest speaker for an interview on LBCI TV on November 17, 2022, to discuss the possibility of integrating renewable energy sources at Beirut International Airport. With Lebanon's fuel crisis and electricity shortages, are renewable energy sources the remedy to ensuring airport power? To what extent is this advantageous both economically and environmentally? Dr. Jean discussed various potential scenarios, including photovoltaics and solar energy, bioenergy production through treating organic waste and sewage, and hydroelectric power. He reviewed the different options while sharing some internationally related case studies.





Maintenance Reliability and Asset Management Conference - MAINTCON 2022

Dr. Suad Al Radhwan – Assistant Professor Petroleum Engineering Department has been invited to serve as Chairperson of the Innovation Corner Committee in the Innovation Corner of the Maintenance Reliability and Asset Management Conference - MAINTCON 2022, which was held in Bahrain from 27th to 30th of November 2022, under the patronage of H.E. Dr Mohammed Bin Mubarak Bin Daina, Minister of Oil & Environment, Kingdom of Bahrain.





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منصة مثالية لاستكشاف الأحدث في عالم الرقمنة... رؤساء لجان المؤتمر: مؤتمر "ميننتكون 2022" ينطلق الأحد ويناقش 72 ورقة عمل

البلاد | العمور الاقتصادي

أكد رؤساء لجان المؤتمر والمعرض السادس للصيانة والاعتمادية وإدارة الأصول "ميننتكون 2022" أن المؤتمر سيشهد إقبالاً كبيراً من المشاركين كثر في الوقت الذي يتوقع أن يصل العدد حسب التوقعات الأولية إلى حد أعلى من النسخ السابقة. وأشاروا إلى أن المؤتمر الذي تنطلق أعماله يوم الأحد الموافق 27 نوفمبر سيقام في 72 ورقة عمل.

ويقيم "ميننتكون 2022" برعاية وزير النفط والبيئة، محمد بن دينة، ويتنظم في الجمعية الخليجية للصيانة والاعتمادية (GSMR) وجمعية المهندسين البحرينية، ويستمر حتى 30 نوفمبر 2022 بمركز الخليج للمؤتمرات بمدينة البحرين.

وذكر رئيس اللجنة الإعلامية للمؤتمر المهندس إبراهيم حادي أن المؤتمر سيشهد إقبالاً كبيراً من المشاركين كثر في الوقت الذي يتوقع أن يصل العدد حسب التوقعات الأولية إلى حد أعلى من النسخ السابقة. وأضاف أن هناك مشاركة فاعلة من قبل الشركات في المعرض المصاحب للمؤتمر، وقد تم حجز معظم الأماكن في ووش كندوب للمؤتمر. وأشار إلى أن الاستعدادات جارية لوضع الفساتين الأخيرة من قبل اللجنة المنظمة برئاسة المهندس نزار الشامي والاستعداد لاستقبال ضيوف المؤتمر من رؤساء الجمعيات الخيرية والعلمية وكذلك المحاضرين الدوليين.

ويتوقع أن تكون هناك فرصة للجميع للتعرف على ما يتعلق بفجال الصيانة والاعتمادية وإدارة الأصول، وتاريخ التاجر وأعضاء فريقهم دون استثناء على جهودهم الجارة والتي سوف تسهم بشكل كبير على المستوى العالمي. وأشار إلى أن "هذا المؤتمر قد بات مؤتمراً عالمياً ومنصة مثالية للمهنيين

الدوليين والإقليميين، والباحثين وعلماء الخبرات والمستخدمين الهائمين لاستكشاف الأحدث في عالم الرقمنة، لاسيما مع نمو الأعمال في جميع المجالات بشكل أسي أكثر من أي وقت مضى. الأمر الذي يحظى حريصين على دعوة المهنيين بمحلات المؤتمر للمشاركة الفاعلة والاستفادة من هذا الحدث العالمي. كما أشار إلى أن "هذا المؤتمر يتنظم بشكل متواز مع الفعاليات العالمية ويوفر شهادات احترافية معترف بها وورش عمل متخصصة وغيرها من الفعاليات التي تتم تحت سقف واحد، وهو ما يجعل ميننتكون فرصة ذهبية لكافة المهنيين بالصيانة والاعتمادية

إدارة الأصول لأي شركة أو مؤسسة تسعى لمواصلة النجاحات وتحقيق أفضل إنجازات في العمل الصناعي العالمي في مطلقا الخليجية. استمرارية رعاية الشركات الكبرى للمؤتمر

بدوره، جرح رئيس لجنة الرعايات في المؤتمر، المهندس عبد الله إبراهيم المهدي أن من مؤشرات نجاح أي مؤتمر يكمن في استمرارية رعاية الشركات الكبرى له، واستقطاب حمل المؤتمر حيث حافظت شركات النفط والبتروكيماويات في المنطقة على دعمها للمؤتمر كما لم يجد رعاة وشركاء جدد، ومنها هيئة كفاءة الإنفاق والمشاريع الحكومية السعودية وغيرها. وأضاف أن المؤتمر استطاع جذب الرعاة والشركاء له بسبب تميزه ببرنامجته وورش العمل وبالمعرض المصاحب له، وكذلك بسبب وجود جوائز يمنحها المؤتمر للمتميزين في مجال الصيانة والاعتمادية.

إلى ذلك، أكد رئيس اللجنة التوجيهية في المؤتمر المهندس جميل العنوي أن جميع المعارضين بدأوا بوقت كافي لتشييد معارضهم والتي ستكون جديدة 100٪ من حيث العدد والمكان والتكنولوجيا المستخدمة. من جانبه، قال رئيس لجنة جائزة التميز (GSMR) في المؤتمر المهندس أحمد البرداني إن هذه الجوائز تهدف إلى تقييم المرشحين وفقاً لمجموعة من المعايير ومنح الفائزين وفقاً لذلك. من خلال تقييم عروضهم مقابل مجموعة من المعايير المتطورة، وسوف يعلن عن أسماء الفائزين قريباً. من جهته، لفت رئيس اللجنة الفنية في المؤتمر المهندس سعد العليبي، إلى أنه بعد دراسات وتحليل مكثفة تم اختيار 72 ورقة عمل سوف تقدم بمحاور المحطات التالية:



محمد العنوي

عبد الله المهدي

إبراهيم حادي

سعد العليبي

سعد البرداني

سعد البرداني

سعد العليبي

سعد البرداني

سعد العليبي

سعد البرداني

Dr. Jean El Achkar Presented Virtual Seminar

NEXUS SEMINAR SERIES



A collaboration between UNU-FLORES & TU Dresden

SEMINAR NO. 64

SUSTAINING BIOMASS MANAGEMENT PRACTICES THROUGH THE RESOURCE NEXUS

DR JEAN HENRI EL ACHKAR
COLLEGE OF ENGINEERING - AUSTRALIAN
UNIVERSITY - KUWAIT

**12 DECEMBER 2022 | 14:50 CET |
ONLINE**

The United Nations University, Institute for Integrated Management of Material Fluxes and Resources (UNU-FLORES) in Germany invited Dr. Jean El Achkar, Assistant Professor in the Petroleum Engineering Department, to present a seminar on Monday 12th of December 2022.

This was part of the “Nexus Seminar Series” organized by the United Nations University UNU-FLORES, in collaboration with PRISMA – Centre for Sustainability Assessment and Policy on behalf of TU Dresden - Germany.



Dr. Jean El Achkar Attended AGYA Annual Conference

As AGYA regional coordinator for the Levant and the Gulf, Dr. Jean El Achkar, assistant professor at the Petroleum Engineering Department, was invited by the German Federal Ministry of Education and Research along with the Arab-German Young Academy of Sciences and Humanities (AGYA) to participate in the AGYA Annual Conference on 13-18 March 2023 in Halle, Germany.

This conference offers an excellent opportunity for strengthening Arab-German research cooperation. It consists of AGYA General Assembly and Working Groups meetings, networking opportunities with local research institutions, thematic excursions, training, and a public event with high-ranking experts.



Dr. Suad Al Radhwan - Maintcon award - KIPIC Maintenance Performance Day



Dr. Suad Alradhwan Assistant Professor at the Petroleum Engineering Department was invited to the “KIPIC Maintenance Performance Day” on Wednesday 15th of March 2023 at KIPIC Admin Building in Al Zour Complex. During the event, Dr. Suad Al Radhwan was awarded by the conference Chairman as appreciation of her efforts during the MAINTCON, 2023 from 27th – 30th November 2023 in Bahrain, where she was the Chairperson for the Innovation Corner under the conference.



Google Cloud Conference

The Electrical and Electronics Engineering Department participated in the “Google Cloud” Conference Developer and Youth Forum, held in Kuwait on Thursday 25th of May 2023 at Sheikh Jaber Al Ahmed Cultural Center. The participants were Eng. Hania El-Kanj – Senior Instructor and Eng. Khaled Abujbara – Instructor, along with the student Ahmad Mohammad Hasan



The objective of this Tech-Press Conference / Forum is to announce an acceleration program for the Digital Transformation in the governmental sector of Kuwait, starting with the Kuwait's National Skilling Program Initiative. This comes in alignment with Kuwait's vision to increase Kuwait's regional security and influence the region by being a global data hub.





COLLEGE OF ENGINEERING

*Engineers Australia
Student Society*



College of Engineering

Engineers Australia Student Society

During the 2022-2023 academic year, the Australian University – Engineers Australia Student Society convened to arrange the following activities.

Exhibition of Engineering Students' Graduation Projects

The Australian University – Engineers Australia Student Society set up a display at the Exhibition of Engineering Students' Graduation Projects Fall 2022/2023 and Spring 2022/2023 events to promote Student Membership and Graduate Membership with Engineers Australia.

The Australian Ambassador to Kuwait, Her Excellency Ms. Melissa Kelly, met with some of the Student Society members and faculty representative, Dr. Mohamed Salem, at the Fall 2022/2023 exhibition.





AU-EA Student Society Headquarters

The Australian University – Engineers Australia Student Society developed a concept to create a permanent Australian University – Engineers Australia Student Society headquarters space to meet and promote Student Membership and upcoming events and activities. Located in Building 4, the permanent display provides an opportunity for students to meet with Student Society members at scheduled times, and to instantly sign up for student membership at any time via a QR code incorporated into the display.



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