

COLLEGE OF ENGINEERING YEARBOOK

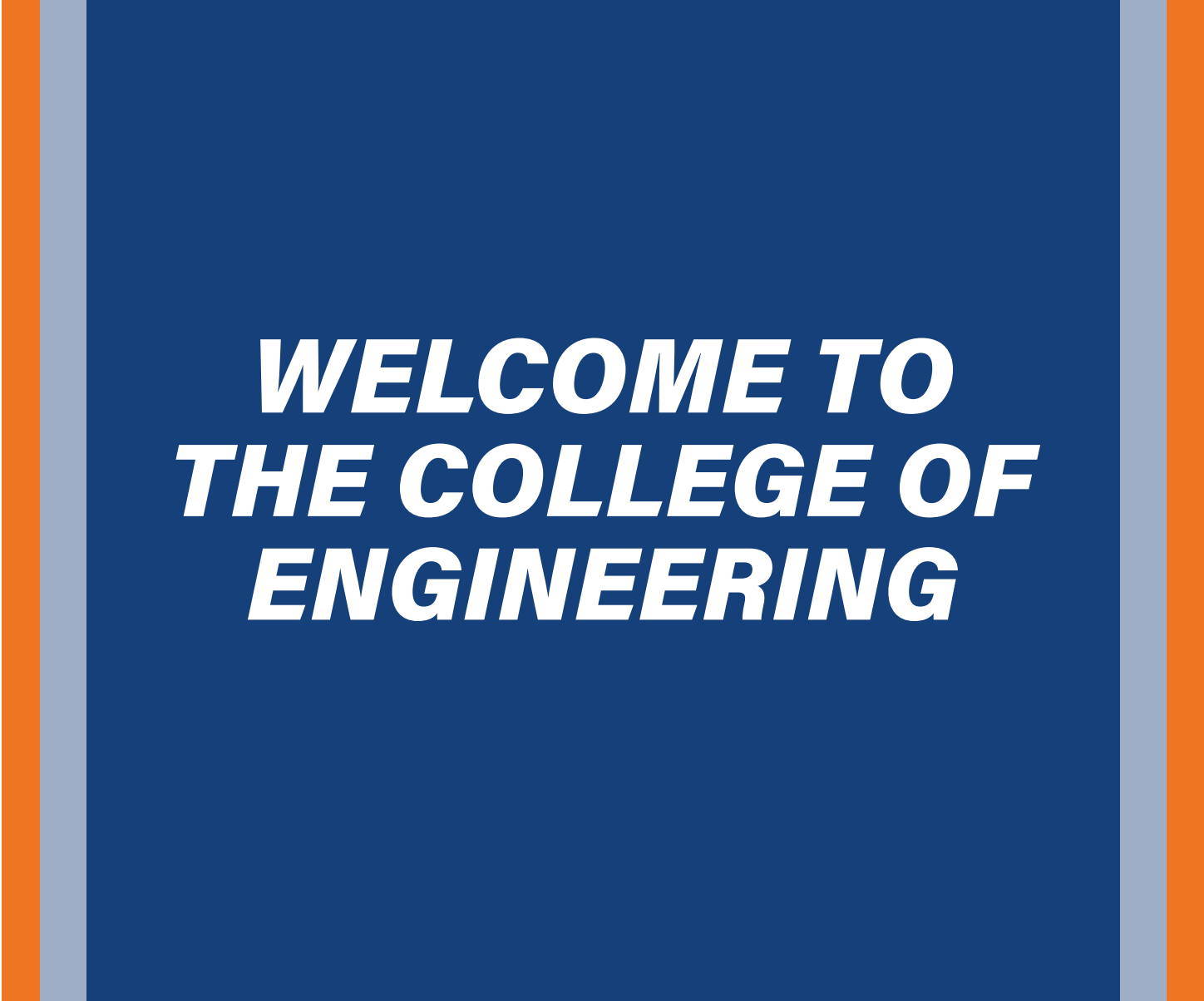


2023-2024



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***WELCOME TO
THE COLLEGE OF
ENGINEERING***



A WELCOME MESSAGE FROM THE DEAN



Dr. Mohammed Abdul-Niby
Dean – College of Engineering

As the Dean of the College of Engineering, it gives me great pleasure to welcome you to our 7th annual yearbook that displays all our achievements and activities during the academic year 2023/2024. In this yearbook, you will be introduced to the College of Engineering faculty and students' achievements and activities in different educational, technical, and social events. Those accomplishments reflect the integrity of our faculty and students who exhibit a strong work ethic and teamwork.

Our dear students, I wish you a pleasant learning journey at 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, I am so proud of your dedication and hard work. Continue to work hard, and you will continue to achieve whatever you want to be.

The faculty and staff at the College of Engineering, I am so proud of the faculty, technical and administrative cadres who have contributed and still are in achieving the University and College vision and mission and translating their plans and strategic goals into reality.

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



COLLEGE OF ENGINEERING

Faculty

OFFICE OF THE DEAN



Dr. Mohammed Abdul-Niby



Ms. Sonia Kalayji



Mr. Haider Asim



Dr. Ahmad Saad
Head of Department

CIVIL ENGINEERING DEPARTMENT



Dr. Taha Ahmed



Dr. Mohamed Hany Yassin



Dr. Mohammed Salem



Dr. Rana Lakys



Dr. Reza Soleimanpour



Dr. Meshari Almutairi



Dr. Ahmed Assad



Dr. Masoud Irannezhad



Dr. Rodaina Aboul Hosn



Eng. Sanaa AlEzzah



Eng. Marwa Waly



Eng. Faisal Otaibi



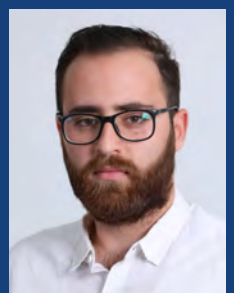
Eng. Abdulhadi Kazem



Eng. Mohamad Iyad Al-Khiami



Ms. Nadya AlMousa



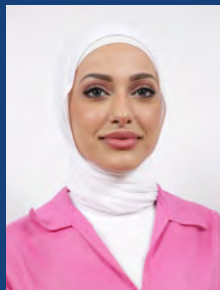
Eng. Naser Mohammad



Eng. Adel Jumah



Mr. Tahir Afrasiab



Mrs. Dana Hammad

ELECTRICAL & 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



Dr. Hamzeh Aljarajreh



Eng. Mohammad Zaki



Eng. Hania El Kanj



Eng. Sami Asaad



Eng. Eman Mostafa



Eng. Khaled Abujbara



Eng. Reem Akasha



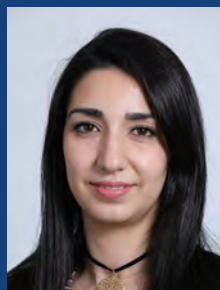
Eng. Asama Hussain



Eng. Laila Dallol



Mr. Waqar Jan Zafar

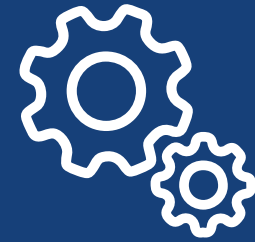


Ms. Amani Abdulhai



Dr. Fadi AlKhatib
Head of Department

MECHANICAL ENGINEERING DEPARTMENT



Prof. Ahmad Sedaghat



Dr. Ehab Bani Hani



Dr. Wisam Al Saadi



Dr. Abbas Amini



Dr. Adel Younis



Dr. Hayder Salem



Dr. Nader Ghareeb



Dr. Majed Al-Sarhead



Dr. Raouf Mbarki



Dr. Abeer Alanazi



Dr. Afif Gouissem



Dr. Mohamed Elbadawy



Dr. Zainab Al Hajaj



Eng. Omar AlRifai



Eng. Meryem Kanzari



Eng. Abdullah Al Awadhi



Eng. Mashael Ali



Eng. Jessica Lopez



Eng. Ummay Rubab



Eng. Omar Yousef



Mr. Grish Mohanan



Mr. Abraham Nethala



Mr. Renoy Poulose



Mr. Joji Abraham



Mr. Subramaniam Sundaram



Mr. Joshith Valiyaparambath



Mr. Hamid Saadi



Ms. Heba Kobaissi



Dr. Mortadha Al Saba
Head of Department

PETROLEUM ENGINEERING DEPARTMENT



Dr. Mohamed Omar



Dr. Suad Al-Radhwan



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



Mr. Ali Hersi

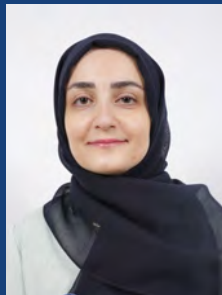


Ms. Suhad Al Qouqah



Prof. Ahmed Bani Mustafa
Head of Department

MATHEMATICS & PHYSICS DEPARTMENT



Dr. Marziyeh Nazari



Dr. Rasha Al Jamal



Dr. Sadeq Damrah



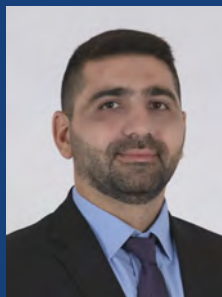
Dr. Feras Al Zubi



Eng. Enayat Enaya



Mr. Hassan Kay Mohamed



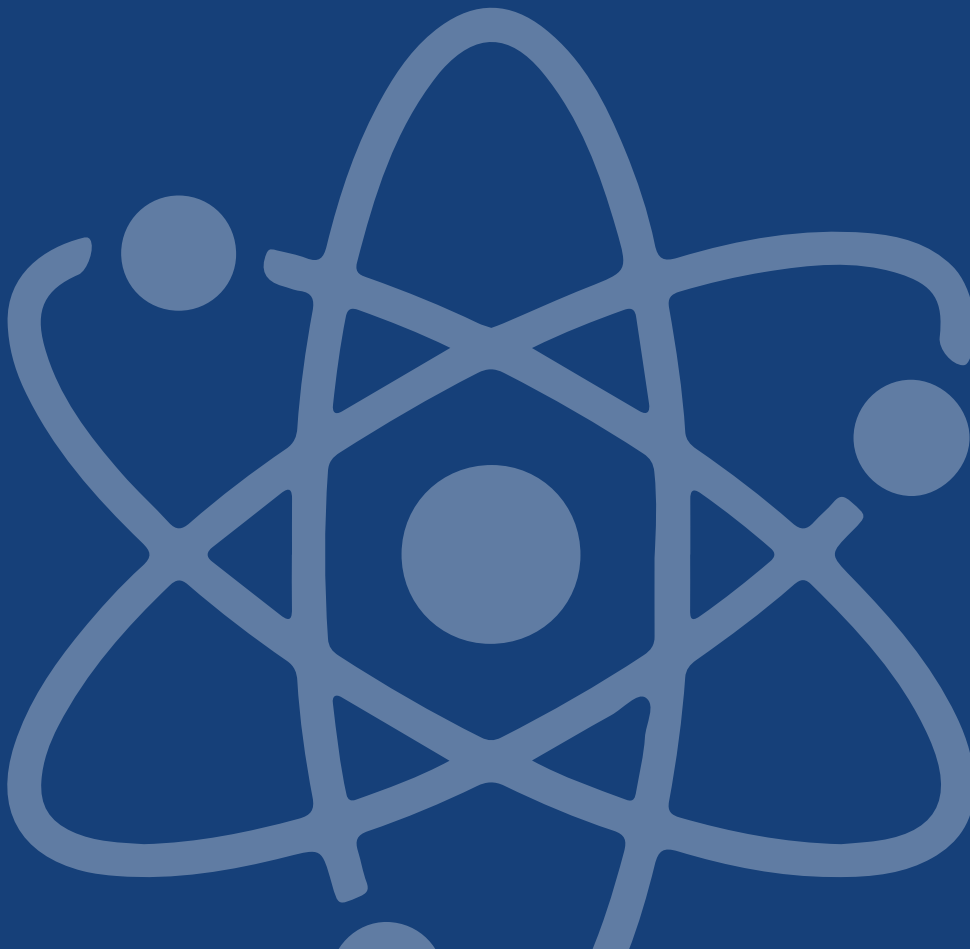
Mr. Amin Bilal



Eng. Fatima Farhat



Ms. Muna Juma





COLLEGE OF ENGINEERING

Graduation









GRADUATION SPEECH



Salma Sameer Shehab

Good evening, AU faculty, staff, families, and friends.

It is an honor to be standing here before you all today, and to be celebrating this momentous occasion with you. As we reflect on the past four years, it is amazing to think of all that we have accomplished.

We have spent countless hours in the library, classes, and labs. We have studied hard, tested our limits, and pushed our boundaries—all to become the best versions of ourselves.

Throughout it all, we found our place in the world. We found our purpose and our passions. We discovered our strengths and weaknesses. We have become a family, and we will never forget the memories we have made here together.

I am overwhelmed with pride and very thankful to the Australian University and all its faculty members. To the petroleum department, thank you for being a huge part of my journey. Dr. Mortadha, Dr. Mohammed Omar and, Dr. Suad Alradhwan your unwavering support and encouragement were much appreciated. Your kindness will always be remembered.

And of course, to the most incredible teacher and mentor, My mother. Your dedication to my education has made me who I am today.

Today marks the end of our university journey, but it is also the beginning of a brand-new chapter. We have the skills and knowledge to pursue our dreams and to make a lasting impact on the world.

This is a time to celebrate, but it is also a time to be humble. We have come so far, but we still have a long way to go. Let us use our newfound knowledge to be compassionate, to be curious, and to be courageous.

This is our time. Let us strive for greatness and never forget the power of education.

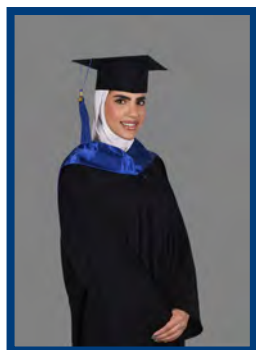
Congratulations, Class of 2023!

***COLLEGE OF
ENGINEERING***

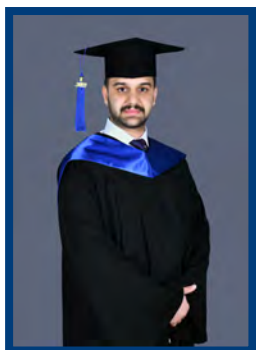
Graduates
2023-2024



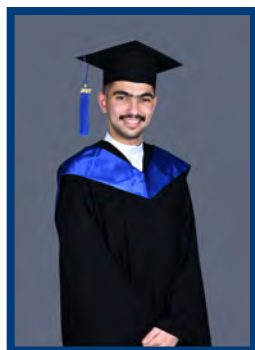
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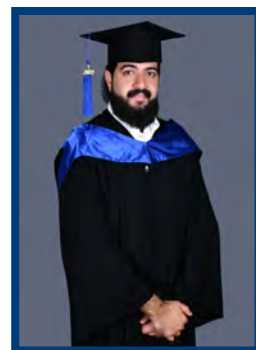
Aaeshah Mohammad AlMalek
Bachelor of Civil Engineering



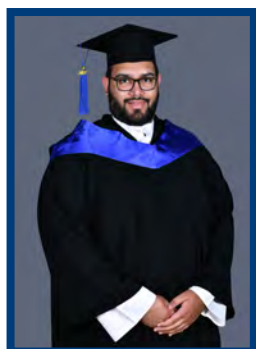
Abbas Saad AlSaleh
Bachelor of Civil Engineering



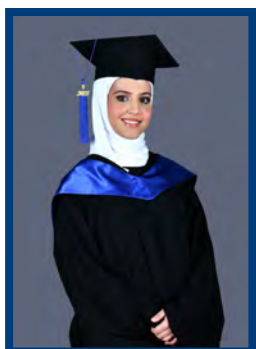
Abdulhadi Ali AlAyech
Bachelor of Civil Engineering



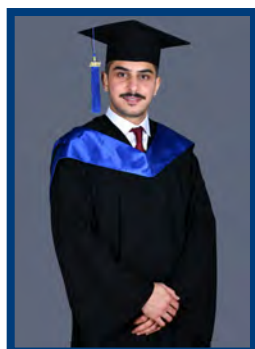
Abdullah Esmaeil AlKandary
Bachelor of Civil Engineering



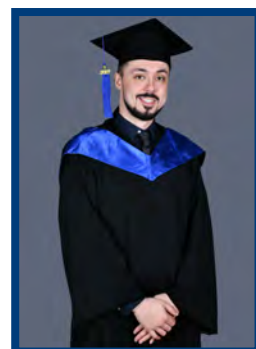
Abdulrahman Nawaf AlRafidi
Bachelor of Civil Engineering



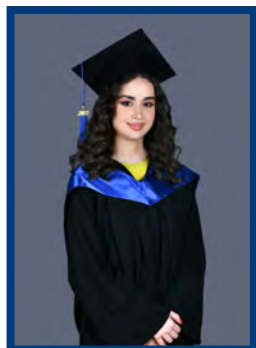
Afnan Saleh AlMutairi
Bachelor of Civil Engineering



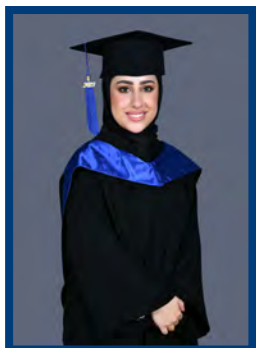
Ahmad Mahmoud Hakawati
Bachelor of Civil Engineering



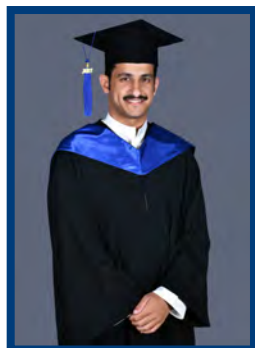
Ahmed Yahya ElMonoofy
Bachelor of Civil Engineering



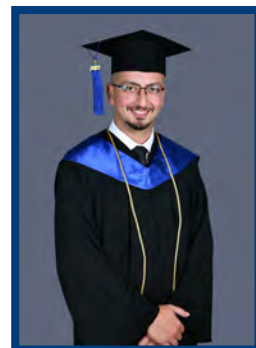
Aishah Mohammad Mohammad
Bachelor of Civil Engineering



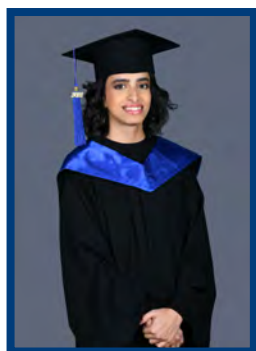
AlHawraa Ali Ashkanani
Bachelor of Civil Engineering



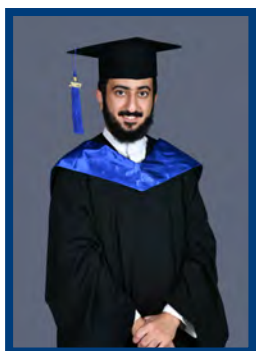
Ali Mohammed AlMutairi
Bachelor of Civil Engineering



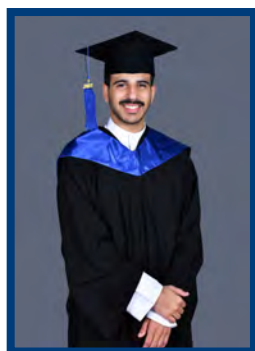
Ammar Khaled AlNouri
Bachelor of Civil Engineering



Asma Nasser Giyash
Bachelor of Civil Engineering



Bader Salem AlJeri
Bachelor of Civil Engineering



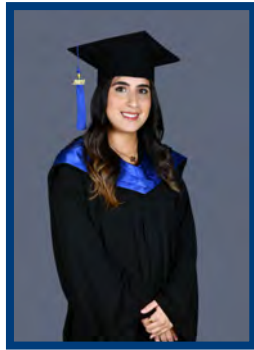
Bandar Mohammad AlDousari
Bachelor of Civil Engineering



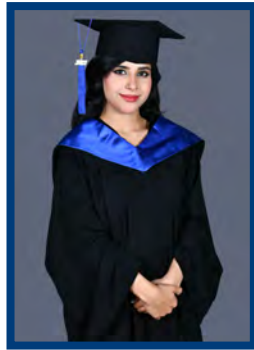
Danah Mohammad AlKhalifi
Bachelor of Civil Engineering



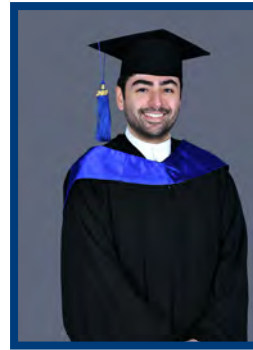
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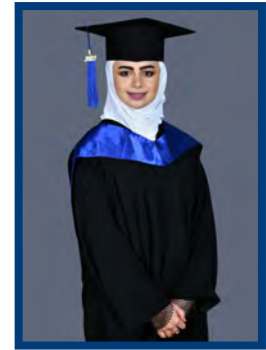
Danah Munther AlFouzan
Bachelor of Civil Engineering



Danah Waleed AlShatti
Bachelor of Civil Engineering



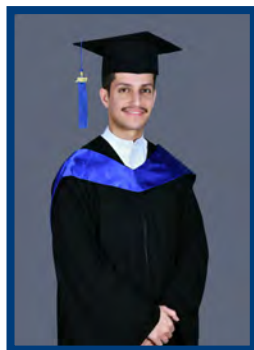
Ebrahim Ali Ashkanani
Bachelor of Civil Engineering



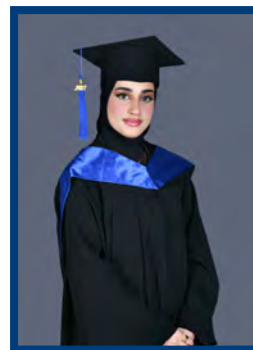
Eilaf Waleed AlAwadhi
Bachelor of Civil Engineering



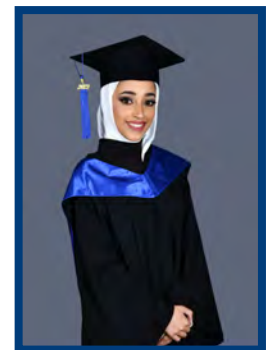
Fadak Abdualh Abdulreda
Bachelor of Civil Engineering



Fahd Ahmad Hasieh
Bachelor of Civil Engineering



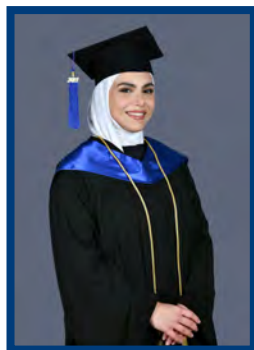
Fajer Yousef AlFailakawi
Bachelor of Civil Engineering



Fatema Salah AlHaddad
Bachelor of Civil Engineering



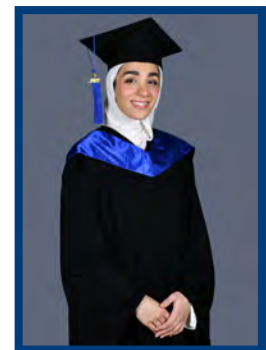
Fatemah Waleed Mohammad
Bachelor of Civil Engineering



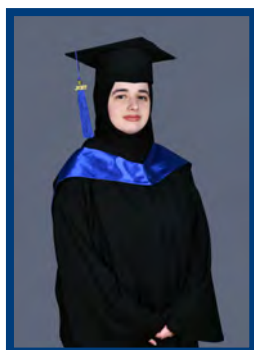
Fatima Majed Hasan
Bachelor of Civil Engineering



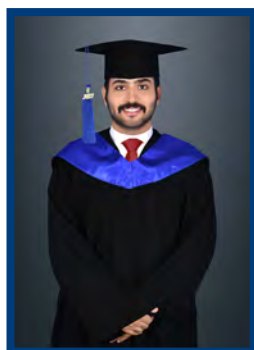
Fatima Yaqoub AlKhamiri
Bachelor of Civil Engineering



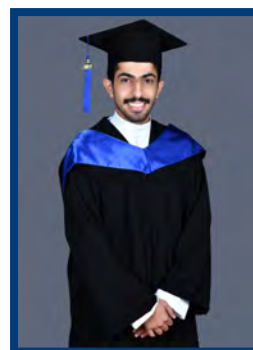
Fatma Hadi AlSarraf
Bachelor of Civil Engineering



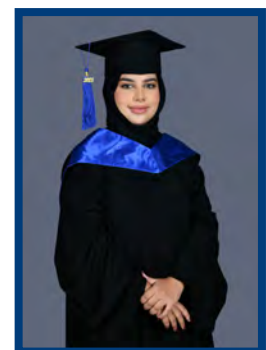
Fatmah Salah AlHazeem
Bachelor of Civil Engineering



Fawaz Abdullah Abdullah
Bachelor of Civil Engineering



Fawaz Khudhair AlEnezi
Bachelor of Civil Engineering



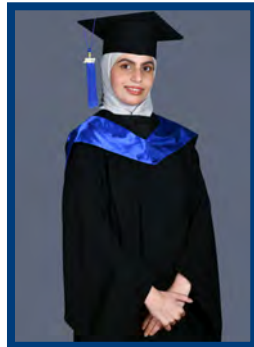
Fouzeyah Sahal AlOtaibi
Bachelor of Civil Engineering



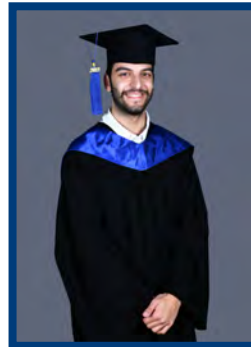
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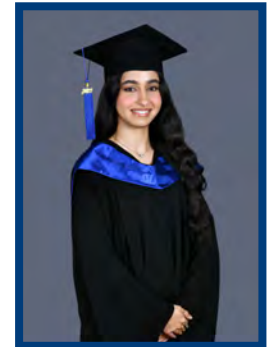
Ghader Abdulsamad Shamsah
Bachelor of Civil Engineering



Hajar Thamer AlShammari
Bachelor of Civil Engineering



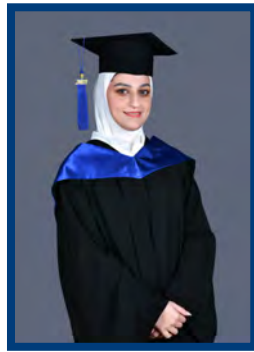
Hamza Jaber AlBeloushi
Bachelor of Civil Engineering



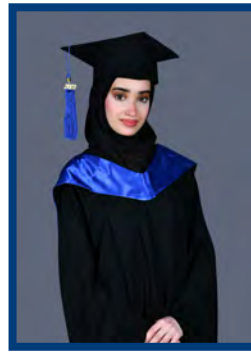
Hawraa Ahmad Abdullah
Bachelor of Civil Engineering



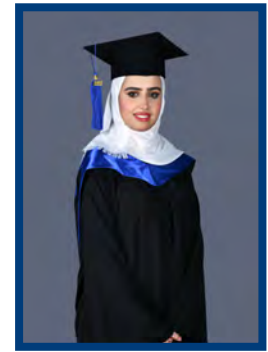
Hawraa Fahs
Bachelor of Civil Engineering



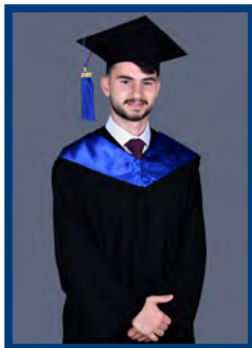
Jawaher Adnan AlSayegh
Bachelor of Civil Engineering



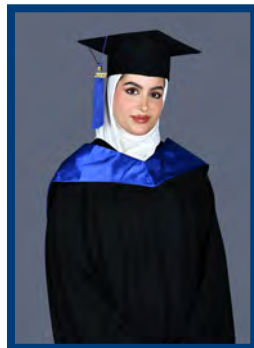
Jumanah Moammad Ali
Bachelor of Civil Engineering



Khadeeja Osamah Joudah
Bachelor of Civil Engineering



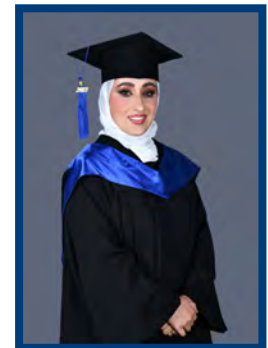
Khaled Mohamed Solayee
Bachelor of Civil Engineering



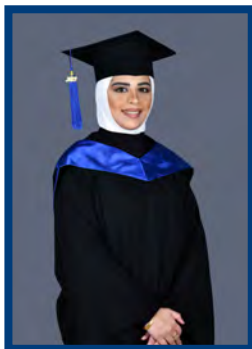
Madhawi Suad AlDaihani
Bachelor of Civil Engineering



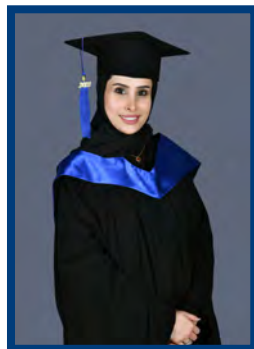
Mahmoud Emad Eddin Abed
Bachelor of Civil Engineering



Mai Saud AlOtaibi
Bachelor of Civil Engineering



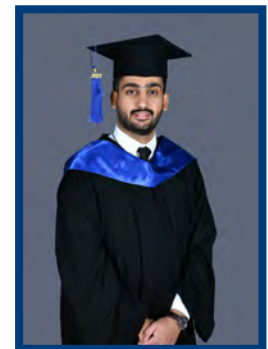
Manair Salah AlMotawaa
Bachelor of Civil Engineering



Manal Nawaf AlSuwait
Bachelor of Civil Engineering



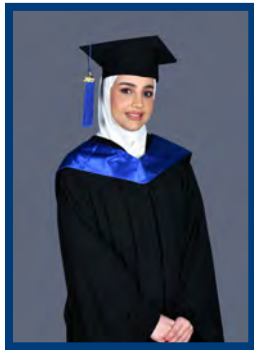
Mansour Saad AlKhulaifi
Bachelor of Civil Engineering



Mardhi Falah AlWasmi
Bachelor of Civil Engineering



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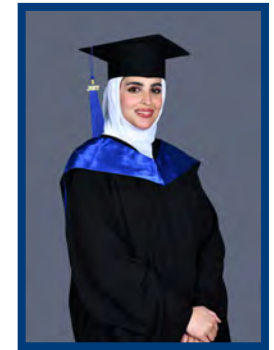
Maryam Adnan AlBahrani
Bachelor of Civil Engineering



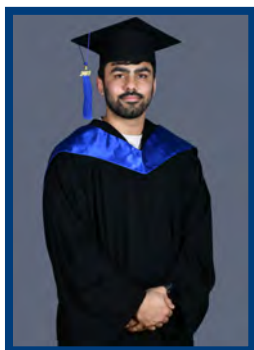
Maryam Jazzaa AlDhafeeri
Bachelor of Civil Engineering



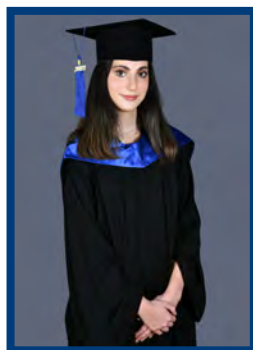
Maryam Majed Hasan
Bachelor of Civil Engineering



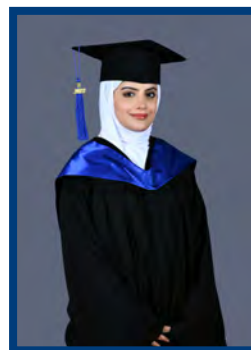
Maryam Rasheed AlShaer
Bachelor of Civil Engineering



Mohammad Zuhaib Nawaz
Bachelor of Civil Engineering



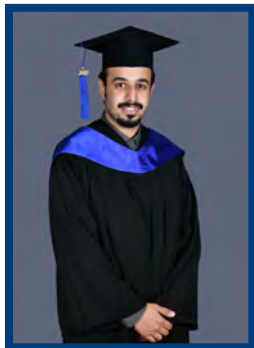
Mona Ayoub AlKandari
Bachelor of Civil Engineering



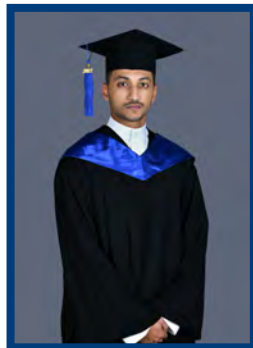
Monerah Naser AlZouabi
Bachelor of Civil Engineering



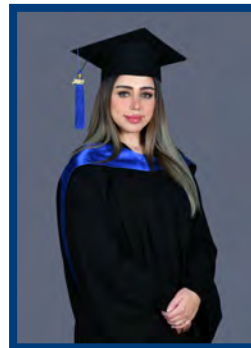
Moustafa Saad Hefny
Bachelor of Civil Engineering



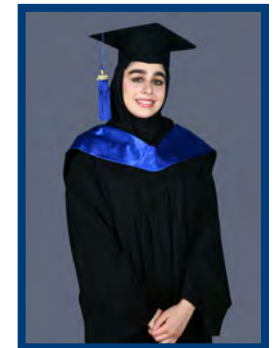
Naser Bader AlAtwan
Bachelor of Civil Engineering



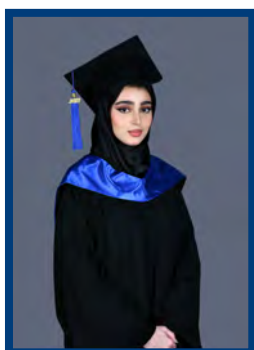
Nawaf Abdulrahman AlSafran
Bachelor of Civil Engineering



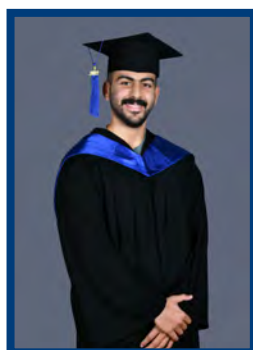
Nawar Khatem AlAjmi
Bachelor of Civil Engineering



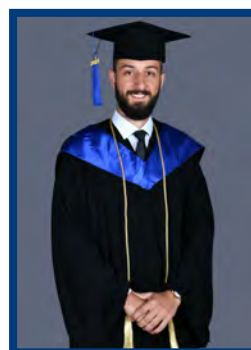
Nour AlZahraa Adel AlBahrani
Bachelor of Civil Engineering



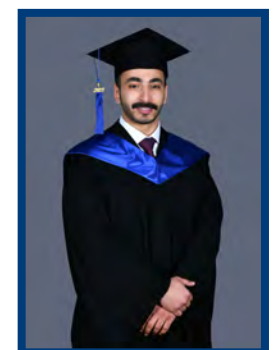
Nourah Jamal AlDhafeeri
Bachelor of Civil Engineering



Omar Hadi AlEnezi
Bachelor of Civil Engineering



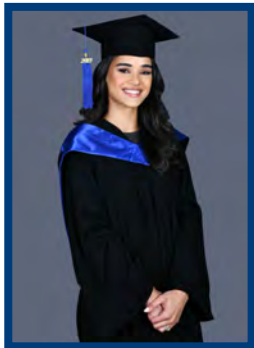
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Bachelor of Civil Engineering



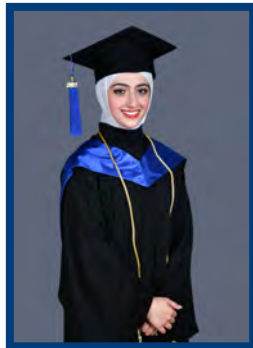
Omar Naser AlShammari
Bachelor of Civil Engineering



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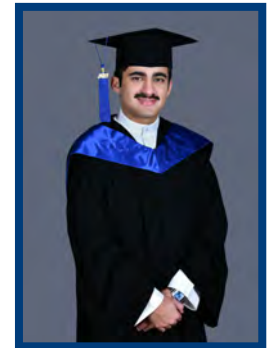
Rahaf Firas AlShatti
Bachelor of Civil Engineering



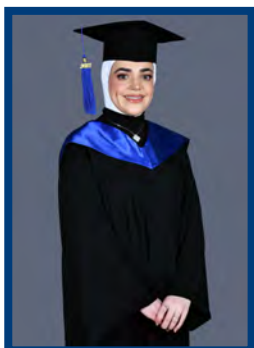
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Bachelor of Civil Engineering



Saba Naser AlAjmi
Bachelor of Civil Engineering



Salem Salah AlKhashti
Bachelor of Civil Engineering



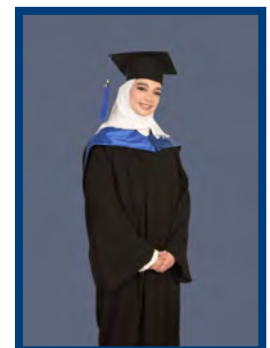
Sarah Mahmoud Ashkanani
Bachelor of Civil Engineering



Seham Khaled Abdraboh
Bachelor of Civil Engineering



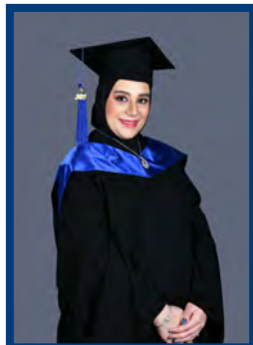
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Bachelor of Civil Engineering



Shahad Mohammad AlAmeery
Bachelor of Civil Engineering



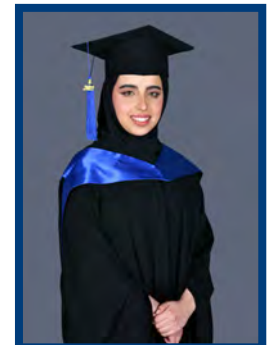
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Bachelor of Civil Engineering



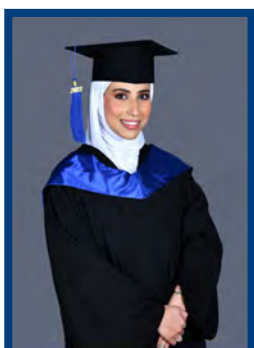
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Bachelor of Civil Engineering



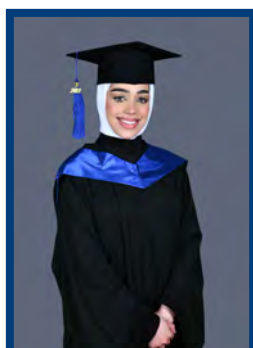
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Bachelor of Civil Engineering



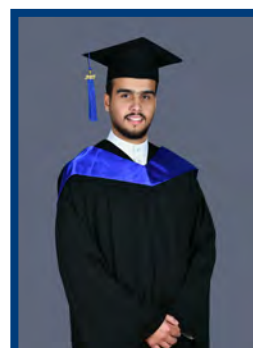
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Bachelor of Civil Engineering



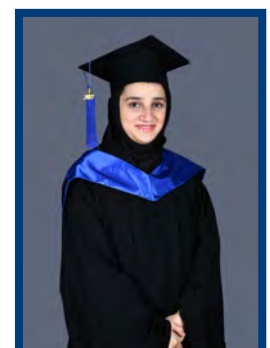
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Bachelor of Civil Engineering



Taibah Salah AlJumah
Bachelor of Civil Engineering



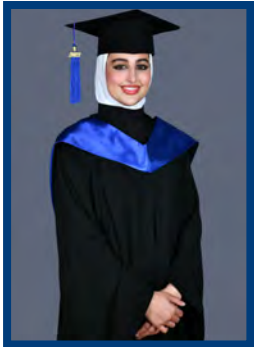
Talal Riyadh AlHamad
Bachelor of Civil Engineering



Wadha Adnan AlWeqayyan
Bachelor of Civil Engineering



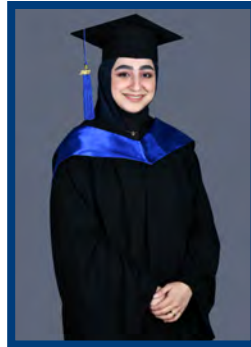
BACHELOR OF TECHNOLOGY **CIVIL ENGINEERING GRADUATES**



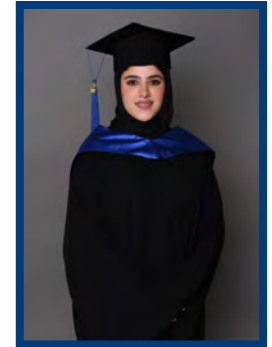
Wajd Hamad AlQadeeri
Bachelor of Civil Engineering



Yara Abdulrahman Mohammad
Bachelor of Civil Engineering



Zainab Bashir AlMatrouk
Bachelor of Civil Engineering



Zhraa Adnan Buhamad
Bachelor of Civil Engineering



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CIVIL ENGINEERING GRADUATES

Ahmad Abdullah Mohammad AlMatawah
AlAnoud Abdullah Sulaiman AlDousari
AlHawraa Ali Hussain Ashkanani
Ammar Khaled AlNouri
Asma Nasser Ali Giyash
Bandar Mohammad Abdulmajeed AlDousari
Bandar Mohammad Abdulmajeed AlDousari
Danah Munther Khalifah AlFouzan
Danah Waleed Abdullateef AlShatti
Ebrahim Ali Mohammad Ashkanani
Eilaf Waleed Abdulrahman AlAwadhi
Fadak Abdualh Sadeq Abdulreda
Fahd Ahmad Hasieh
Fajer Yousef Mohammad AlFailakawi
Fatemah Waleed Ghareeb Mohammad
Ghader Abdulsamad Jassim Shamsah
Hajar Thamer Naser AlShammari
Hawraa Ahmad Ghanim Abdullah
Issa El Samad
Jawaher Adnan Hatem AlSayegh
Jawaher Hameed A AlHathal
Khaled Mohamed Awad Solayee
Maryam Jazzaa Habes AlDhafeeri
Maryam Rasheed Abdulhameed AlShaer
Mohammad Ahmad Mohammad AlHammadi
Mona Ayoub Ahmad AlKandari
Moustafa Saad Hassan Hefny
Nawaf Abdulrahman Abdullah AlSafran
Omar Jamil Mohammad Muzher
Retaj Saleh Nemah AlQallaf
Shouq Talal Mesfer AlRashidi
Taibah Salah Abdalrasoul AlJumah
Talal Riyadh AlHamad
Thamer Mohamad Sauod AlOmirah
Wadha Adnan Abdullah AlWeqayyan

Wajd Hamad Ahmad AlQadeeri
Wasem Omar A AlWasem
Zainab Bashar Sultan AlMatrouk
Zhraa Adnan Saleh Buhamad
Aaeshah Mohammad Jassem AlMalek
Abdulahdi Ali AlAyeche
Abdullah Ahmad Abdullah Mubarak AlFouzan
Abdullah Ahmad Ali AlMurad
Adrian Francis Tecuala Mariano
Aeshah Humoud Ajeel AlShammari
Ahmad Mahmoud Ibrahim Hakawati
Ahmed Yahya Abdulfattah ElMonoofy
Aishah Mohammad Ahmad Mohammad
Aliyah Jafran A AlAftan
Alyah Nayef Mefleh Artam AlAjmi
Aseel Sha'ban Helmi Masarwah
Bader Salem Saad AlJeri
Dalal Adel Abdullateef AlManea
Fai Husam Sami AlWatar
Fatema Habeeb Murad Jasem
Fatema Salah Moumen AlHaddad
Fatima Majed Kadhem Hasan
Fatima Yaqoub Yousef AlKhamiri
Fatma Hadi Hassan AlSarraf
Fawaz Khudhair Aqlah AlEnezi
Hadeel Abdulaziz Abdullah AlRashoud
Hamad Mohammad Yousef AlMulla
Hamza Jaber Ahmad AlBeloushi
Jumanah Mohammad Jassim Ali
Madhawi Suod Obaid AlDaihani
Mahmoud Emad Eddin N. Abed
Mai Saud Mohammad AlOtaibi
Manair Salah Rasheed AlMotawaa
Manal Nawaf Najdi AlSuwait
Mardhi Falah Mubarak AlWasmi



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CIVIL ENGINEERING GRADUATES

Maryam Mansour Ali AIOtaibi
Mnair Oudah Ghadeer AlRheely
Mohammad Zuhaib Nawaz
Moneerah Fahad Nayef AlHamlan
Monerah Naser Saad AlZouabi
Nadin Majid Amir Behbehani
Norah Khaled Abdulwahab AlAsfour
Nourah Jamal Saleh AlDhafeeri
Omar Hadi Nahi AlEnezi
Omar Naser Nazzal AlShammari
Rawaah Waleed Khalaf AlFarhan
Salem Salah Salem AlKhashti
Salem Waleed Salem AlMansouri
Saqer Meshal Awadh AlRasheedi
Sarah Mahmoud Ghuloum Ashkanani
Seham Khaled Sultan Abdraboh
Shahad Mohammad Abdullah AlAmeery
Shahad Mohammad Oqlah AlEnezi
Shouq Abdulrahman Mohammad Abdulkareem
Shouq Naief Ahmed Dhahi
Tahani Bader Lafi AlDaihani
Yara Abdulrahman Ahmad Mohammad
Yousef Jassim Mohammad AlHarbi



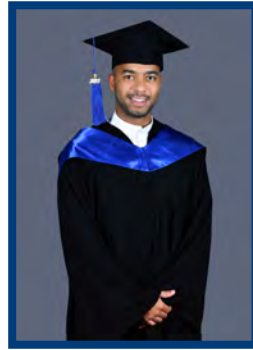
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ELECTRICAL & ELECTRONICS

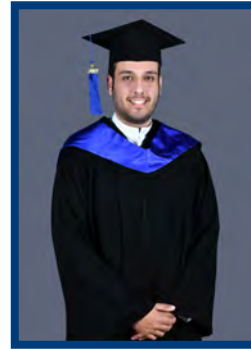
ENGINEERING GRADUATES



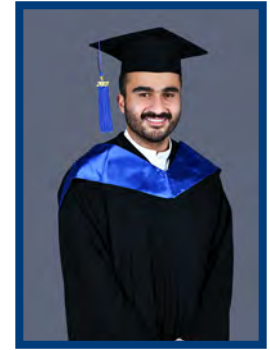
Abdulaziz Ghazi AlMutairi
Bachelor of Electrical & Electronics
Engineering



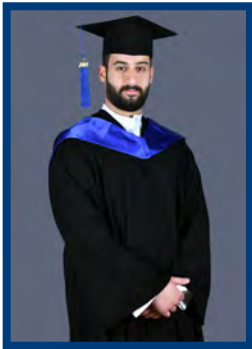
Abdulaziz Othman Saleh
Bachelor of Electrical & Electronics
Engineering



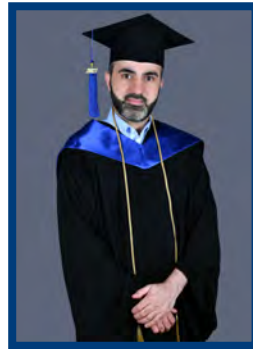
Abdulaziz Yousef AlNesef
Bachelor of Electrical & Electronics
Engineering



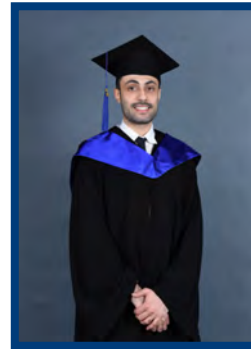
Abdullah Ahmad Hasan
Bachelor of Electrical & Electronics
Engineering



Abdullah Emad Kandari
Bachelor of Electrical & Electronics
Engineering



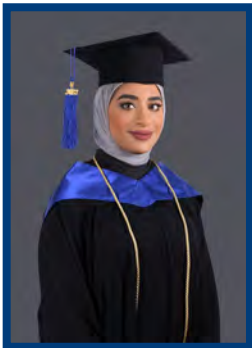
Abdulmuhsen Yaqoub Hajeyah
Bachelor of Electrical & Electronics
Engineering



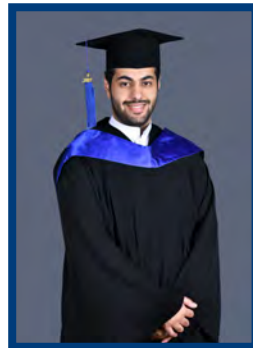
Abdulwahab Emad AlSahhaf
Bachelor of Electrical & Electronics
Engineering



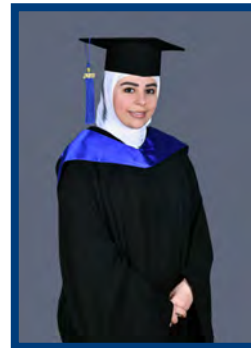
Abeer Khalid AlEnzi
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Engineering



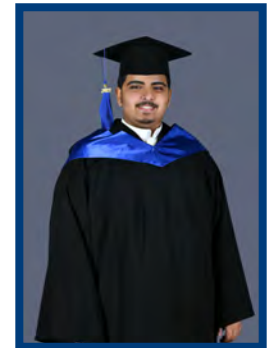
Abeer Yousef AlFarhan
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Engineering



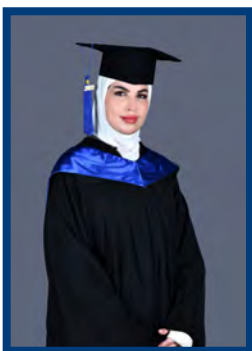
Ahmad Fares AlDaihani
Bachelor of Electrical & Electronics
Engineering



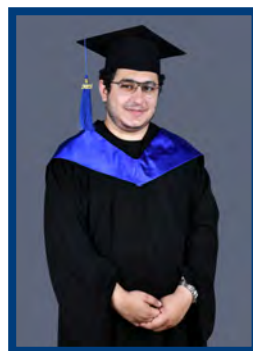
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Bachelor of Electrical & Electronics
Engineering



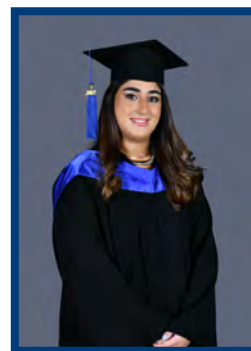
Amash Khaled AlAslmi
Bachelor of Electrical & Electronics
Engineering



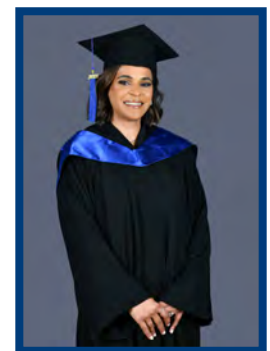
Aya Ahmad AlFaihan
Bachelor of Electrical & Electronics
Engineering



Bader Waleed Fraij
Bachelor of Electrical & Electronics
Engineering



Demah Waleed AlFoudari
Bachelor of Electrical & Electronics
Engineering



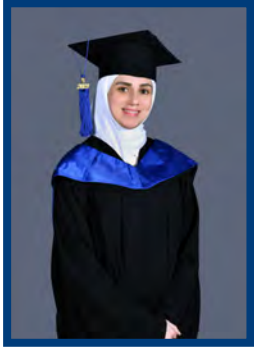
Esra'a Adel AlNajem
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Engineering



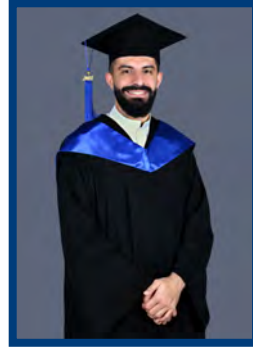
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ELECTRICAL & ELECTRONICS

ENGINEERING GRADUATES



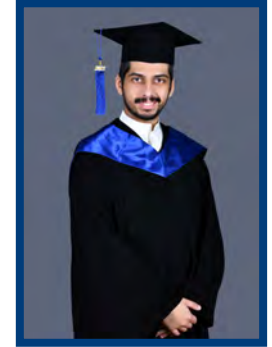
Habibah Sayed Ali AlMosawi
Bachelor of Electrical & Electronics
Engineering



Hussain Ali Safar
Bachelor of Electrical & Electronics
Engineering



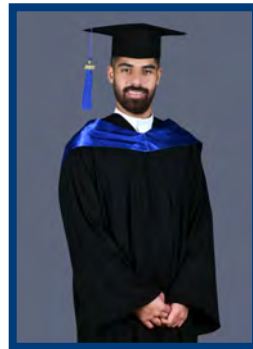
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Engineering



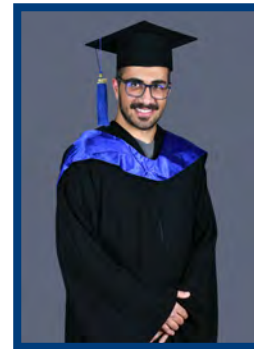
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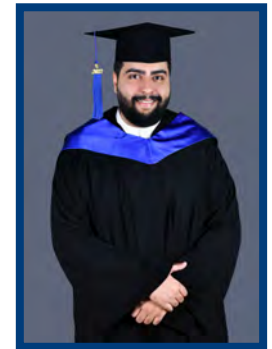
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Engineering



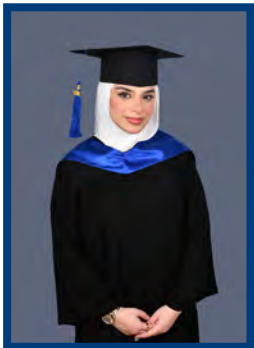
Mishari Salah AlSulaiman
Bachelor of Electrical & Electronics
Engineering



Mohammad Ebrahim Chermahini
Bachelor of Electrical & Electronics
Engineering



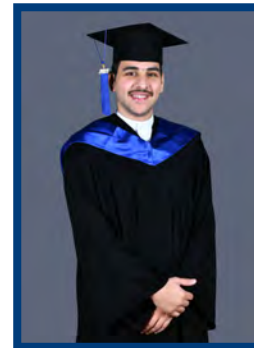
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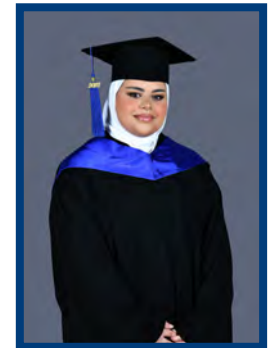
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Osamah Fahad AlEnezi
Bachelor of Electrical & Electronics
Engineering



Saqer Reyadh AlShatti
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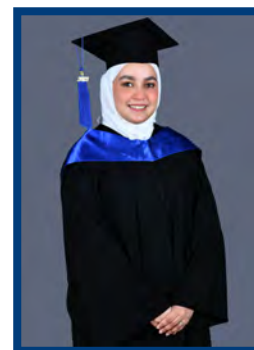
Sara Rashed AlKhader
Bachelor of Electrical & Electronics
Engineering



Sarah Adel AlShayji
Bachelor of Electrical & Electronics
Engineering



Wadhah Anwar AlJanaa
Bachelor of Electrical & Electronics
Engineering



Yomna Abdulwahab AlKandari
Bachelor of Electrical & Electronics
Engineering



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ENGINEERING GRADUATES

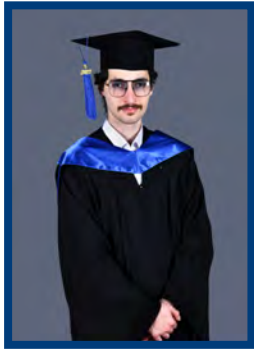
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Abdulaziz Yousef Ahmad AlNesef
Abdulkareem Oqlah Sayyad AlEnezi
Abdullah Ahmad Hajeyah Hasan
Abdulwahab Emad Abdulwahab AlSahhaf
Abeer Khalid Mokbel AlEnzi
Habibah Sayed Ali Sayed Abbas AlMosawi
Khaled Meshal Khaled AlShehab
Mohammad Ahmad Rashed AlAzemi
Mohammad Ebrahim Ebrahimi Chermahini
Mohammad Habeeb Abdullah Ghareeb
Mohammed Abdulkareem Alwan Safar
Mohammed Ali Abdullah AlThuwaini
Sarah Adel Ebrahim AlShayji
Saud Sultan Abdulrazaq AlHendal
Shrouq Mohammad Hasan Mohammad
Yousef Humoud Awwadh AlEnezi
Abdulaziz Faisal Abdulwahab Buresli
Abdulrahman Saad Mohammad AlSaeidan
Abeer Yousef Naseeb AlFarhan
Ahmad Fares Saleh AlDaihani
Alretaj Hussain Hajji Hussain
Awdhah Falah Fhaid AlAjmi
Aya Ahmad AlFaihan
Bader Waleed Zaki Fraij
Demah Waleed Ali AlFoudari
Esra'a Adel Abdullatif AlNajem
Hamad Ebrahim Rashed AlQasar
Kawthar Jafar Gholoum Mohammad
Maryam Mohammad Abdullah Shaaban
Meshari Menwer Farhan AlEnzi
Mohammad Ali Abdulaziz AlMailam
Mohammad Sultan Rajab AlShewae
Muneerah Emad Khaled AlAteeqi
Naser Motlaq Ayedh AlOtaibi

Nour Saleh Abdulaziz AlNemash
Saqer Reyadh Ahmad AlShatti
Sara Rashed Naser AlKhader
Wadhah Anwar Saad AlJanaa
Yomna Abdulwahab Hasan AlKandari
Zainab Salah Eissa AlQallaf
Abdulaziz Ghazi Marzouq AlMutairi
Abdullah Abdulamir Abdullah AlBannay
Abdullah Emad Sayed Ahmad Kandari
Abdulmuhsen Yaqoub Ghuloum Hajeyah
Abdulrahman Taha Saeed AlFailakawi
Amash Khaled Amash AlAslmi
Dalal Shafeeq Ameen AlAwadhi
Essa Affan Hussain AlKandari
Fawaz Meshal Anwer Nouri Abdulqader
Hussain Ali Hussain Safar
Mansour Mohammad Mabrouk AlDaihani
Mishari Salah Khaled AlSulaiman
Mohammad Rashed Mahdi AlAjmi
Mohammed Adel Mohammed AlAbdallah
Nasser Mahhmed AlMoghir
Nawaf Fawaz Sabr AlShemeri
Noor Salah Owain AlEnezi
Osama Saad Abdulrahman AlMulla
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Zahra Ahmad Saleh AlHaddad



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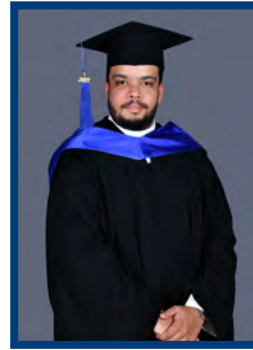
MECHANICAL ENGINEERING GRADUATES



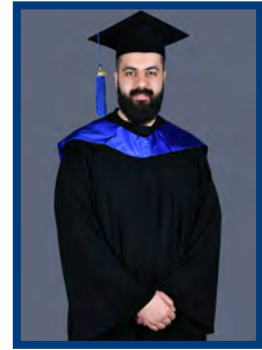
Abdalrahman M. Albaitamouni
Bachelor of Mechanical Engineering



Abdulhadi Salem AlSharekah
Bachelor of Mechanical Engineering



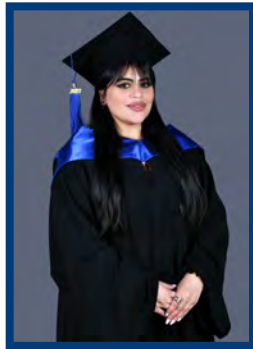
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Bachelor of Mechanical Engineering



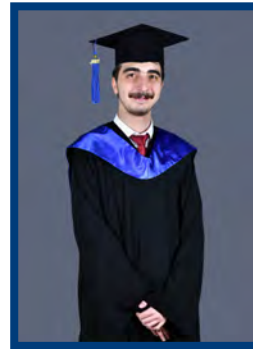
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Bachelor of Mechanical Engineering



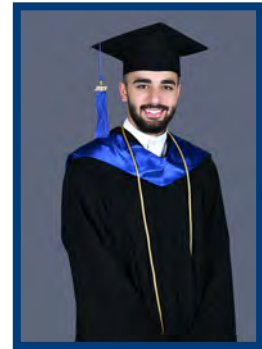
Ahmad Mostafa AlNaser
Bachelor of Mechanical Engineering



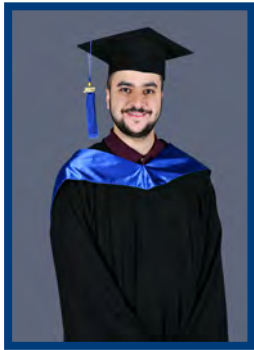
AlBodour Nasser AlAbduljader
Bachelor of Mechanical Engineering



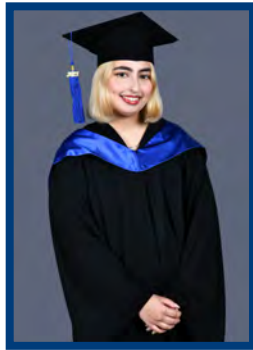
Ali Adel Jafarian
Bachelor of Mechanical Engineering



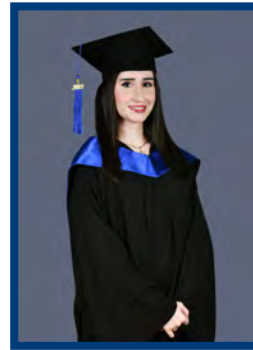
Ali Fadhel Ali
Bachelor of Mechanical Engineering



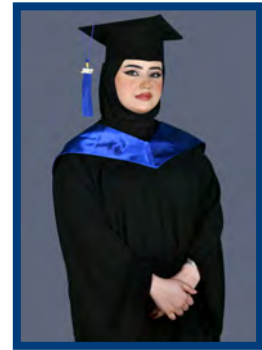
Ali Mohammd Arandi
Bachelor of Mechanical Engineering



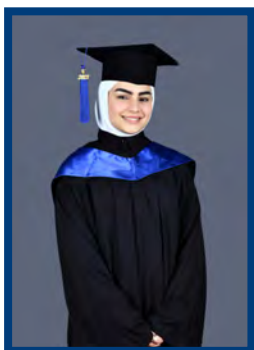
Alia Khaled AlAlban
Bachelor of Mechanical Engineering



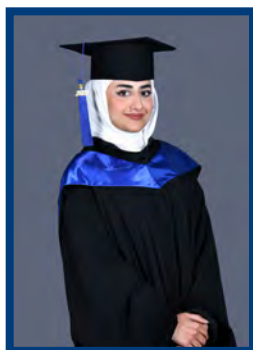
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Bachelor of Mechanical Engineering



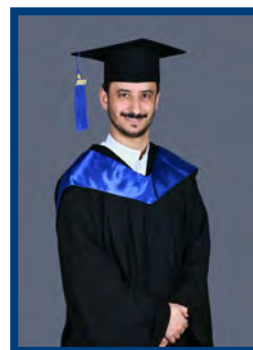
Asmaa Munawer Qahess
Bachelor of Mechanical Engineering



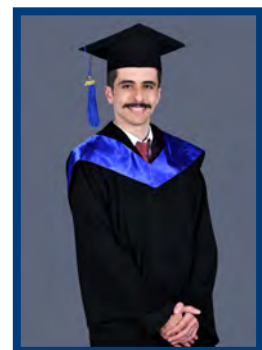
Bshayer Ali AlTamimi
Bachelor of Mechanical Engineering



Danah Abdulrahman Abdulkareem
Bachelor of Mechanical Engineering



Dhari Saleh AlShammari
Bachelor of Mechanical Engineering

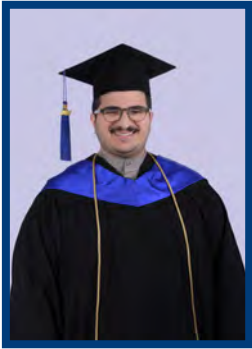


Faisal Khalid AlSubaie
Bachelor of Mechanical Engineering

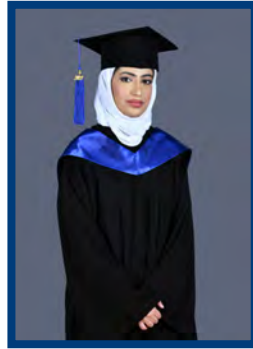


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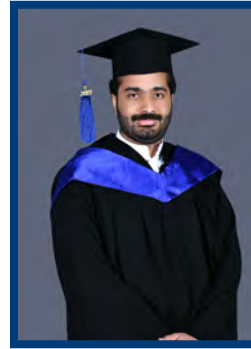
MECHANICAL ENGINEERING GRADUATES



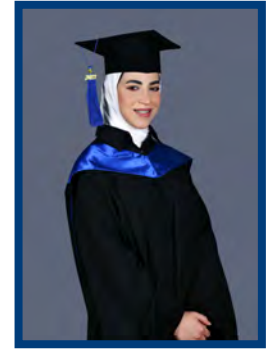
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Bachelor of Mechanical Engineering



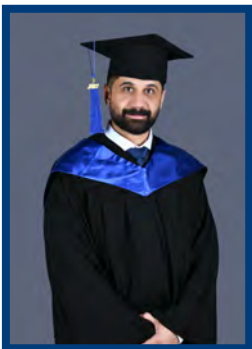
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Bachelor of Mechanical Engineering



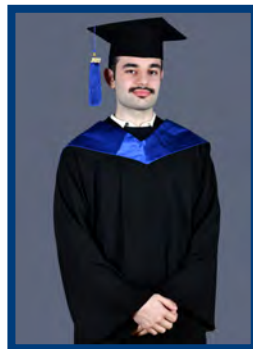
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Bachelor of Mechanical Engineering



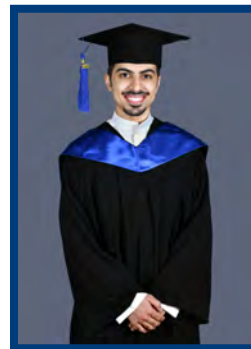
Hajar Saad AlHaddad
Bachelor of Mechanical Engineering



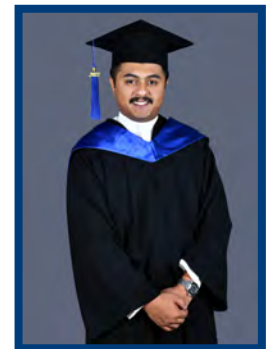
Hamad Essa Ali
Bachelor of Mechanical Engineering



Hamood Abdulaziz AlSharrah
Bachelor of Mechanical Engineering



Hussein Mana
Bachelor of Mechanical Engineering



Ibrahim Fahad AlNwaem
Bachelor of Mechanical Engineering



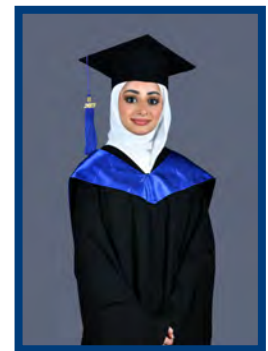
Islam Ayman Genidy
Bachelor of Mechanical Engineering



Mai Mohammad AlAmhooj
Bachelor of Mechanical Engineering



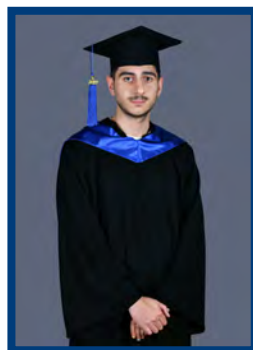
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Bachelor of Mechanical Engineering



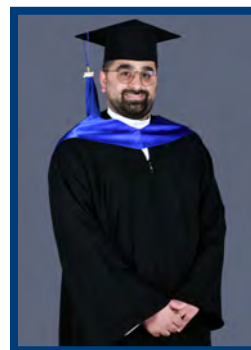
Maryam Ali AlKout
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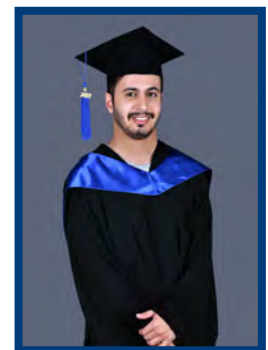
Mohammad Ahmad Haidar
Bachelor of Mechanical Engineering



Mohammad Jassim Kamal
Bachelor of Mechanical Engineering



Mohammad Mohsen Dashti
Bachelor of Mechanical Engineering



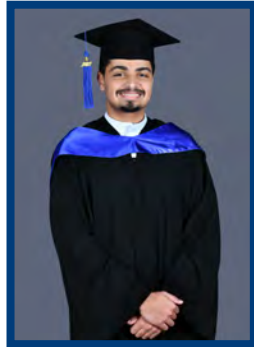
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Bachelor of Mechanical Engineering



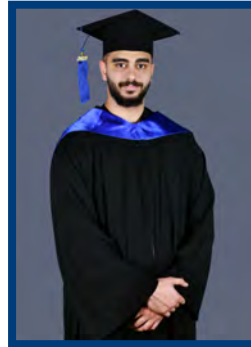
BACHELOR OF TECHNOLOGY **MECHANICAL ENGINEERING GRADUATES**



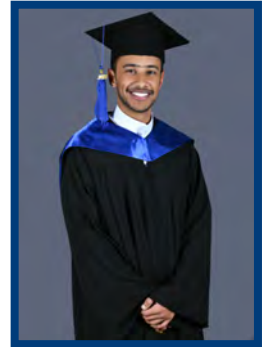
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Bachelor of Mechanical Engineering



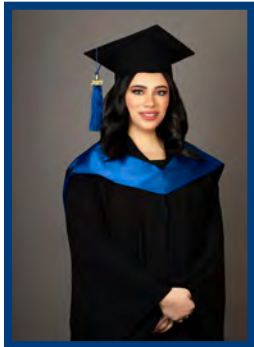
Mohammed Fahad AlEnezi
Bachelor of Mechanical Engineering



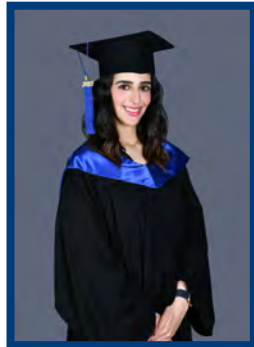
Mustafa Nabeel Shehadeh
Bachelor of Mechanical Engineering



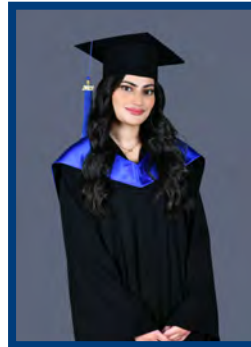
Naser Bader AlYaqout
Bachelor of Mechanical Engineering



Nour Meshal AlSharida
Bachelor of Mechanical Engineering



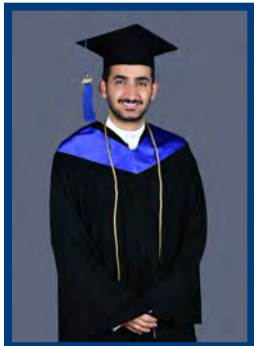
Reem Waleed AlQallaf
Bachelor of Mechanical Engineering



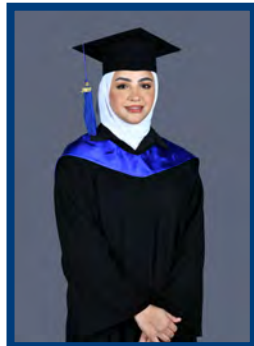
Retaj Mostafa AlQbandi
Bachelor of Mechanical Engineering



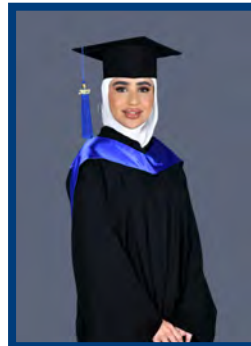
Sarah Ahmad Nassar
Bachelor of Mechanical Engineering



Saud Sanhat Al Sehali
Bachelor of Mechanical Engineering



Shahed Ahmed Jallad
Bachelor of Mechanical Engineering



Zainab Fadhil Al-Toki
Bachelor of Mechanical Engineering



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MECHANICAL ENGINEERING GRADUATES

Abdulaziz Bader Ebrahim AlMuhaini

Abdullah Ali Abdullah AlHawal

Abdulrahman Jaber Ali AlAjmi

Abdulwahab Ahmad Mohammad AlSumait

Ahmad Ali Ahmad AlSheridah

Ahmad Hamed Khalifah AlHaila

Ahmad Khaled Abdulaziz AlSaleh

Ahmad Mostafa Hussain AlNaser

Ali Adel Jafarian

Asmaa Munawer Obaid Qahess

Ayah Haidar

Bshayer Ali Hussain AlTamimi

Eisa Saed Eisa AlNawfal

Ghazi Naser Nabji AlJanah

Ghuzlan Talal Khalaf AlDosari

Hamad Essa Sahaf Mohammad Ali

Hamed Eissa Hamed Boqambar

Hamood Abdulaziz Ali AlSharrah

Hasan Abdullateef Ashour Abbas

Hussein Mana

Khaled Motlaq Jluwi AlJluwi

Khaled Waleed Ahmad AlKandari

Mariam Farid Al-Tabaa

Maryam Ali Fadhel AlKout

Maryam Amanollah Haji

Mobarak Abdullah Naser AlAjmi

Mouayed Ali Mohammad Bodai

Nour Meshal Sharida AlSharida

Ruqayah Nayef Falah AlAmeeri

Saud Sanhat Mohammad AlSehali

Abdallah Sulaiman Faleh AlSalem

Abdalrahman M. Walid AlBaitamouni

Abduallah Mubarak Humod AlMuzaini

Abdulaziz Mohammad Saud AlGhanem

Abdulahdi Salem Ali AlSharekah

Abdullah Adnan Saad AlHusainan

Abdullah Farraj Falah AlDousari

Abdulaziz Abdullah Ahmad AlQadiri

Ali Abdulhameed Esmaeil Husain

Ayoub Abdullah Akbar Jaber Akbar

Bader Faisal Bader AlJeri

Faisal Khalid J AlSubaie

Hanin Jassem Mohammad Kamal

Hassan Fisal Abdullah AlWazan

Hessah Talal Mohammad AlAdwani

Mobarak Fadhel Mohammad AlFadhel

Mohammad Bader Mohammad AlOtaibi

Mohammad Jassim Mohammad Kamal

Mohammad Mohsen Hussain Dashti

Mohammad Yousef Abdulrazzaq AlHendal

Mustafa Nabeel Mustafa Shehadeh

Naser Bader Abdullah AlYaqout

Reem Waleed Hussain AlQallaf

Retaj Mostafa Hassan AlQbandi

Sarah Ahmad Mizael Nassar

Sarah Fahad Musallam AlSawwagh

Yousef Ahmad Mohammad Hassan

Abdulrahman Faisal Abdulrahman AlQamlas

Ahmad Saed Mohammad Jaber

AlBodour Nasser Abdulqader AlAbduljader

Ali Abdulrahman Ali AlMutairi

Ali Alhumaidi Mohammad AlMutairi

Ali Fadhel Ebrahim Ali

Ali Jawad Faisal Bash

Ali Mohammd A Arandi

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Alia Khaled Saad AlAlban

Amera Nasser El-Ghonemy

Badreiah Mansour Saleh AlRaqea

Btool Abdulgabbar Mahmoud Huseen

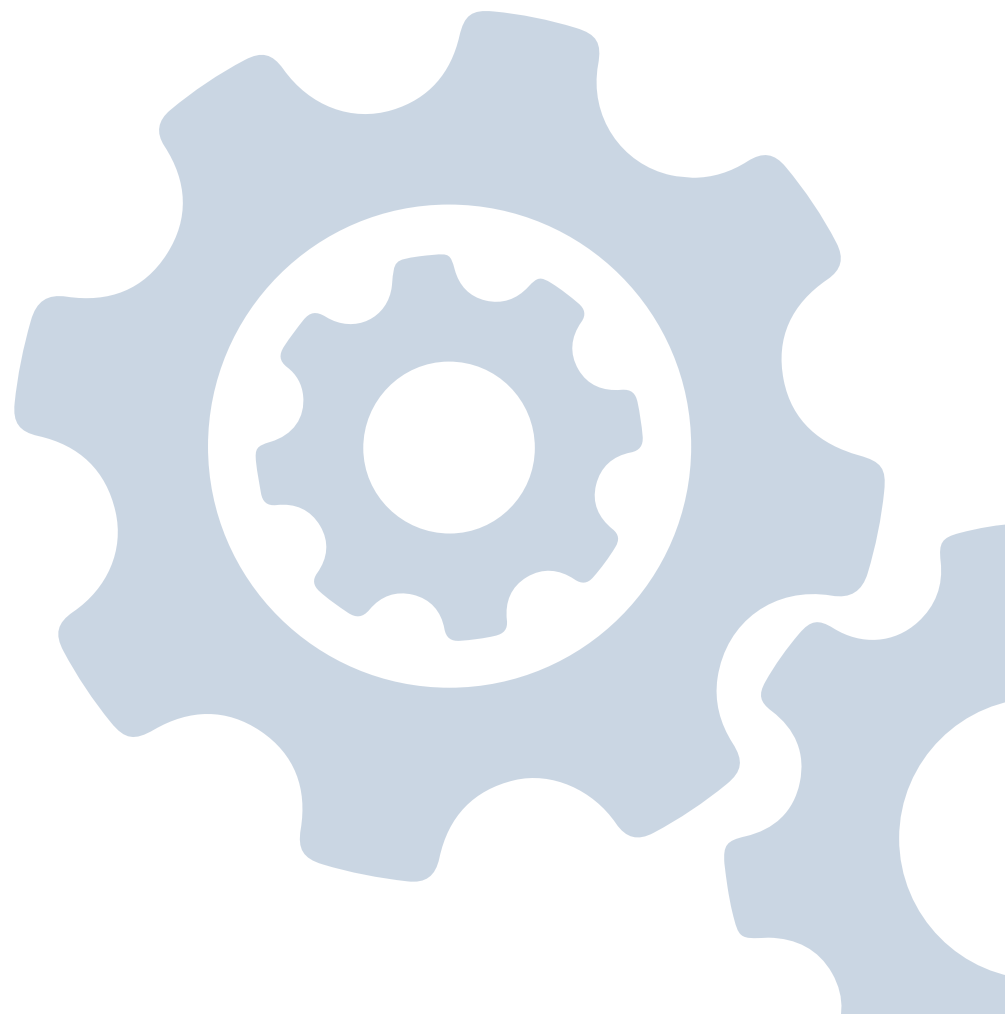


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MECHANICAL ENGINEERING GRADUATES

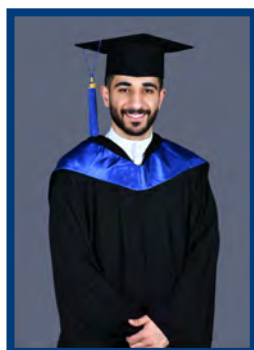
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Dhari Saleh Muhareb AlShammari
Fahad Abdullah Ahmad AlQadiri
Fahad Bsais Fahad AlAjmi
Faisal Abdullah Mousa AlMusallam
Haidar Ali Hussain AlMadani
Hajar Saad Yousef AlHaddad
Husain Adnan Husain AlSayegh
Husain Bader Mohammad Jafar
Husain Esmaeil Mohammad AlSarraf
Hussa Adnan Majed AlSaeed
Hussain Ahmad Ali Bohamad
Ibrahim Fahad Mohammad AlNwaem
Islam Ayman Kordy Genidy
Jawad Adel Khudhair Ebraheem
Khaled Faleh Motlaq AlMutairi
Khaled Motlaq Rakban AlRashidi
Laith L. M. (Mohammad Al Nimer)
Latifah Humoud Abdulrazzaq AlSarhan
Mahdi Sulaiman Hussain AlSarraf
Mai Mohammad Abdullah AlAmhooj
Mariam Akram Mubarak AlHarbi
Mohammad Ahmad Ghuloum Haidar
Mohammad Naser Snaitan AlBarazi
Mohammed Abdulhussein Ghulam Ghulam

Mohammed Fahad Mohammed AlEnezi
Mohammed Salah Ebrahim AlRuwaished
Musaed Salah Ahmad AlKhalaf
Nourah Adel Sultan Mubarak
Omar A. N. Musa
Omar Awaad Subaih Mudhahi
Othman Ali Othman AlZuabi
Rawan Khaled Mohammad AlRumaidhin
Salem Saleh Salem AlHudhainah
Salman Saud Hashaf AlMutairi
Sarah Ebrahim Ahmad Fnahi
Shahed Ahmed M. Jallad
Sulaiman Khaled Sultan AlMulla
Zainab Fadhil Salih Al-Toki

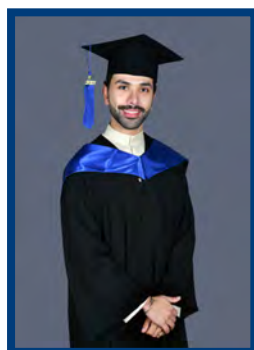




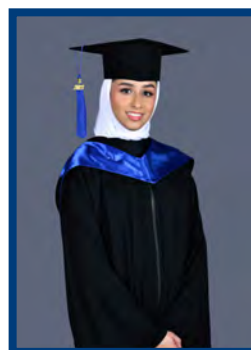
BACHELOR OF TECHNOLOGY **PETROLEUM ENGINEERING GRADUATES**



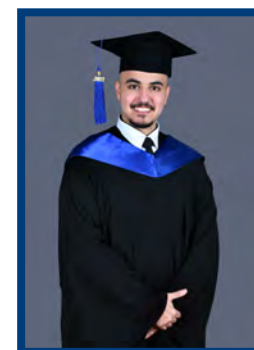
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Bachelor of Petroleum Engineering



Abdullah Nawaf AlRabea
Bachelor of Petroleum Engineering



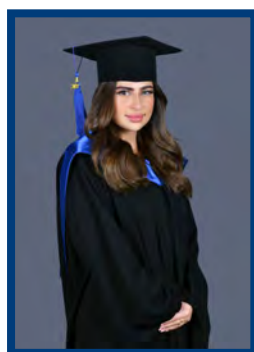
Alaa Abdulmajeed Jamal
Bachelor of Petroleum Engineering



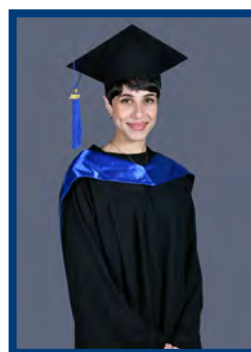
Ali Reja AlOtaibi
Bachelor of Petroleum Engineering



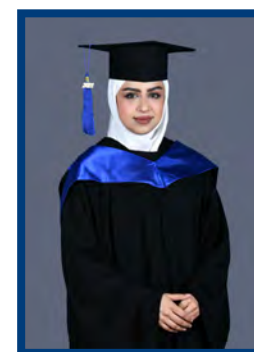
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Bachelor of Petroleum Engineering



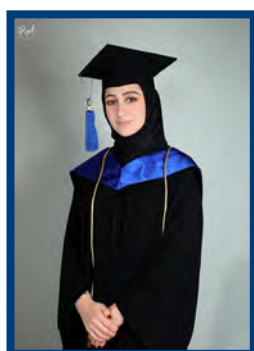
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Bachelor of Petroleum Engineering



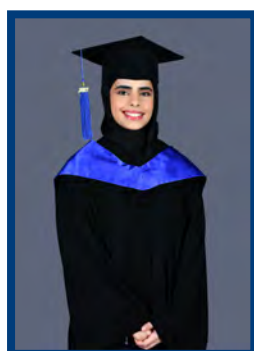
Dana Dallah
Bachelor of Petroleum Engineering



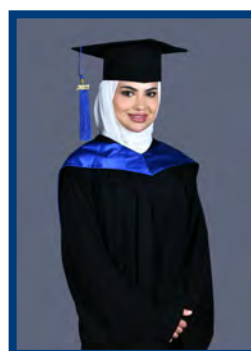
Duaa Saleh Dawas
Bachelor of Petroleum Engineering



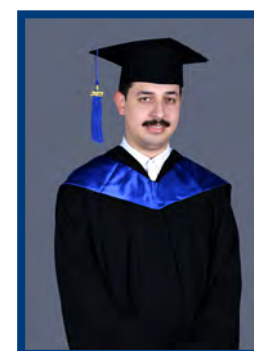
Esraa Hamid Ali
Bachelor of Petroleum Engineering



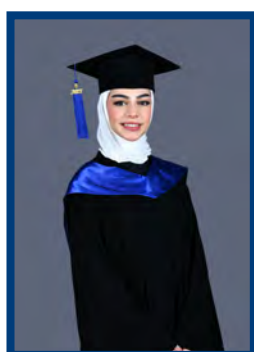
Fatema Hamad AlHajiri
Bachelor of Petroleum Engineering



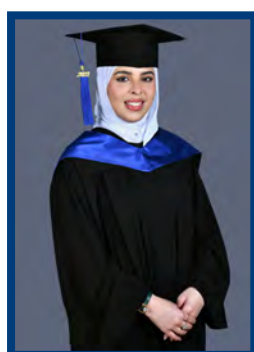
Fatmah Ghanim AlShammari
Bachelor of Petroleum Engineering



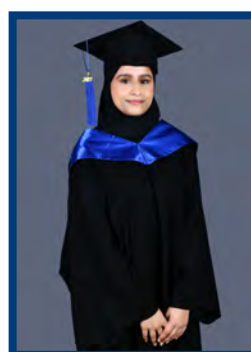
Hamad Waleed Shamouh
Bachelor of Petroleum Engineering



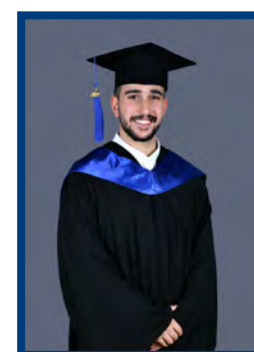
Lujain Abdulaziz AlSarraf
Bachelor of Petroleum Engineering



Maha Saad AlShammari
Bachelor of Petroleum Engineering



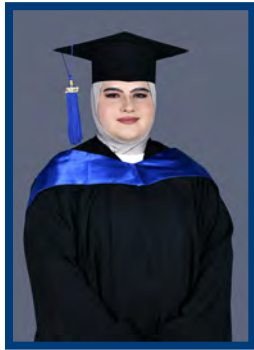
Marah Saadoun AlMutairi
Bachelor of Petroleum Engineering



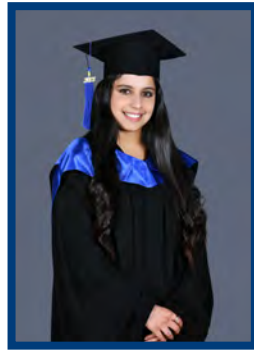
Mohammad Adel Sabti
Bachelor of Petroleum Engineering



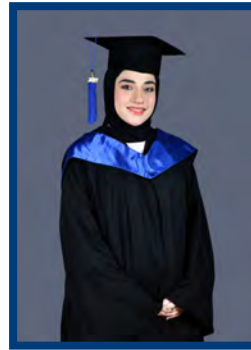
BACHELOR OF TECHNOLOGY **PETROLEUM ENGINEERING GRADUATES**



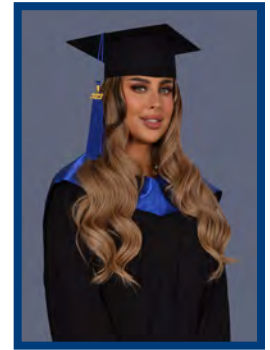
Monirah Abdullah AlKandari
Bachelor of Petroleum Engineering



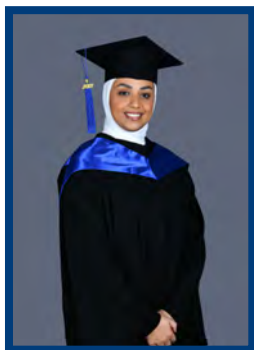
Munirah Fehaid AlDhafeeri
Bachelor of Petroleum Engineering



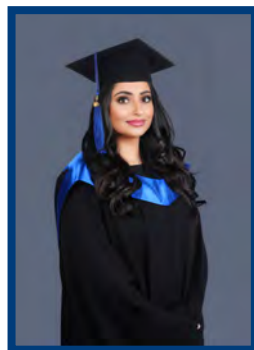
Nourah Mohammad AlKandari
Bachelor of Petroleum Engineering



Rawan Abdulaziz AlGhareeb
Bachelor of Petroleum Engineering



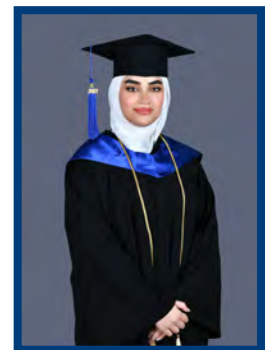
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Bachelor of Petroleum Engineering



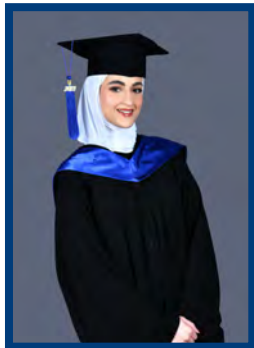
Reyouf Nawaf AlAradah
Bachelor of Petroleum Engineering



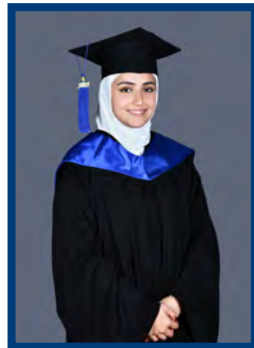
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Bachelor of Petroleum Engineering



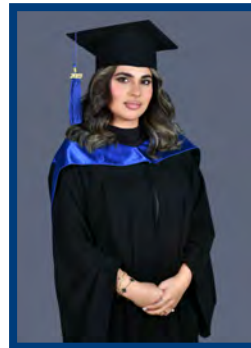
Salma Sameer Shehab
Bachelor of Petroleum Engineering



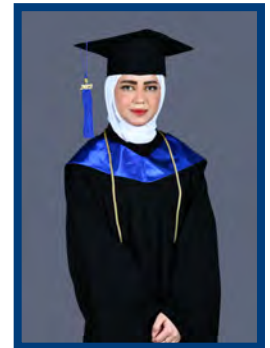
Shahad Mohammad AlKharji
Bachelor of Petroleum Engineering



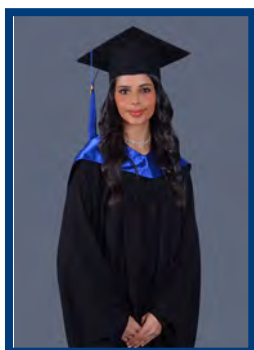
Shaikha Khalid AlFaraj
Bachelor of Petroleum Engineering



Shouq Khaled AlYaqub
Bachelor of Petroleum Engineering



Sonds Mubarak AlFahly
Bachelor of Petroleum Engineering



Wafaa Jassim AlSaeed
Bachelor of Petroleum Engineering



Zahraa Hasan Kassim
Bachelor of Petroleum Engineering

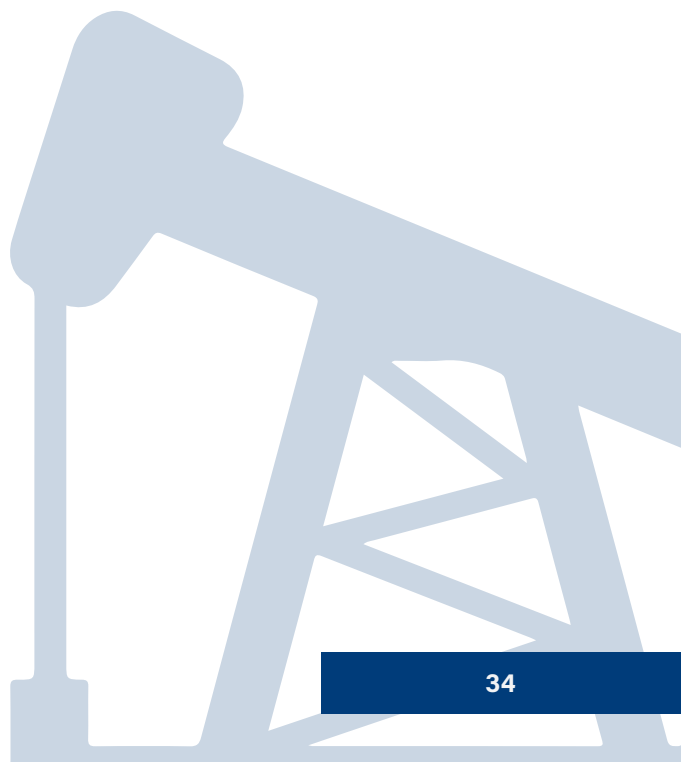


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PETROLEUM ENGINEERING GRADUATES

Alaa Abdulmajeed Abdullah Jamal
Dana Abdulwahab Abdullah AlEnezi
Duaa Saleh Shayea Dawas
Khalefah Khaled Hamad AlHeem
Meshari Nayef Mefleh AlAjmi
Mohammed Adel Ahmad Abul
Munirah Fehaid M AlDhafeeri
Reyouf Nawaf Saleh AlAradah
Sarah Hussain Abdulhameed Aal Rasheed
Shaikha Khalid Mohammad AlFaraj
Shouq Khaled Yaqub AlYaqub
Abdullah Mohammad Abdullah AlKandari
Abdullah Nawaf Abdullah AlRabea
Ali Abdulsalam Ahmad AlMesfer
Ali Reja Humoud AlOtaibi
Dalal Hussain Shanaqa AlRuwaie
Esraa Hamid Yaqoub Ali
Fahad Hamad Salem AlAjmi
Fahad Rahiel Nahar AlKhaldi
Fahad Thafer Salem AlEnezi
Fajer Abdulaziz Abdullah AlDaweesh
Farah Thamer Mohammad AlDeehani
Fatema Hamad Rajeh AlHajri
Fatmah Ghanim Thejeel AlShammari
Hamad Waleed Ahmad Shamouh
Haneef Saad Haneef Haneef
Hasan Adel Hamzah AlAli
Hashem Abdalmanaf Hashem AlTrakmah
Husain Jassim Mohammad AlShatti
Lujain Abdulaziz Ahmad AlSarraf
Maha Saad Thejeel AlShammari
Marah Saadoun Ebaid AlMutairi
Maryam Hazzaa Fayez AlAjmi
Maryam Abbas Ali Akbar
Mohammad Adel Mohammad Sabti

Monirah Abdullah Mohammad AlKandari
Rawan Abdulaziz Majeed AlGhareeb
Rawan Khaled Abdulwahab AlAbdulwahab
Sadine Mohammad Ahmad AlDousari
Salma Sameer Fahad Shehab
Shahad Mohammad Fahad AlKharji
Sonds Mubarak Mohammad AlFadhly
Wafaa Jassim Ibrahim AlSaeed
Zahraa Hasan Khalifah Kassim
Abdulaziz Fares Hindi AlShammari
Abdulrahman Hamad Mohammad AlAjmi
Ali Nader Khaleel Mohammad
Alia Mohammad Taleb Jamal
Dana Dallah
Dana Jomah Abdalkareem AlSairafi
Falah Shabeeb Sadon AlHajeri
Musaad Adnan Saleh Bughais
Nazanin Ayaz - Agha
Noof Ebrahim Yaseen AlTarah
Nourah Mohammad Abdullah AlKandari
Shaikhah Hussain Hamad AlDousari
Shaymaa Abdullah Hassan Abel
Suad Jamal Saad AlAjmi

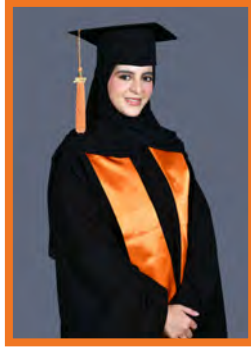




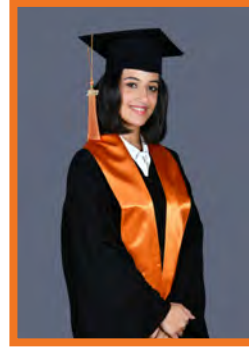
DIPLOMA OF CIVIL ENGINEERING GRADUATES



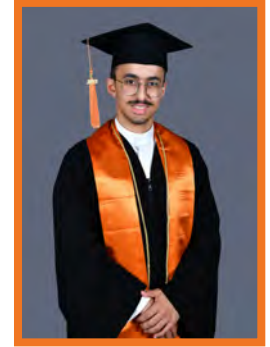
Abdulaziz Khaled AlHoly
Diploma of Civil Engineering



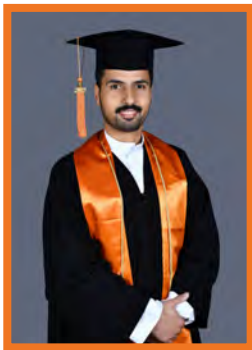
Hajar Motlaq AlMutairi
Diploma of Civil Engineering



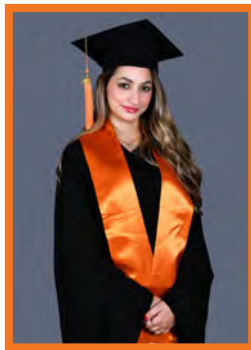
Hanay Hussain AlShammari
Diploma of Civil Engineering



Hasan Kadhem AlQallaf
Diploma of Civil Engineering



Mohammed Mubarak AlMsalem
Diploma of Civil Engineering



Yasmeen Ahmad El-Bajjali
Diploma of Civil Engineering



DIPLOMA OF CIVIL ENGINEERING GRADUATES

Abdul Razak Abdul Rahim Taleb
Abdulrahman Abdulhadi Awadh AlAjmi
Alyaa Saleh Suwayed AlRashidi
Amal Khalaf Eid AlEnezi
Dalal Fahad Harmal AlAjmi
Danah Adel Ahmad AlRuwayeh
Eman Husain Abdalreda Ali
Essraa Khaled Faisal AlTawari
Hadeel Sameer Enad AlAnezi
Hadiya Ebrahim Abdulredha Al-Mail
Hajar Khaled Mubarak AlSabah
Hajar Motlaq Hezam AlMutairi
Khaled Walid Yousef Al-Rabeea
Lamees Abdulmohsen Yousef AlKharafi
Lujain Ahmad Khaled Bader
Miryan Nabil Sweid
Modhi Ahmad Mohammad AlButti
Mohammad Khaleel Ebrahim Bo Arki
Murdhi Talal Murdhi AlOthaina
Nour Ali Abdeen Mahmod
Othman Ahmed Dawood AlHamdan
Saud Fawaz Jamaan AlAzmi
Shekhah Ali Mahmoud Buerki
Soultan Humood Mohammed AlRashidi
Walah Abdulaziz Marzouq AlMutairi
Yousef Talal Mohammad Alhaidar
Mohammad Ebrahim Esmaeil AlKhamis
Farah Faisal Abdullah AlSuwailem
Mhareb Alaa Mhareb AlJassar
Rabab Sabah Ali Buhamad
Fatemah Ali Abdalnabi Akbar
Hasan Rashed Abdalamir Benayan
Mahdi Saleh Mahdi Abdullah
Hanay Hussain Ali AlShammari
Munira Abdullateef Mohammad Edrees

Ali Yousef Mohammad Abdulaziz
Abdulaziz Hamdan Mnahi AlDammak
Shahad Adel Ali Hajy
Sarah Nasser Tamer Habib
Awrad Ahmed Ghanem Abdullah
Bader Sami Abdullah Mandani
Shaikhah Anwer Ahmad AlAteeqi
Fatmah Mohammad Yousef AlMulla
Hasan Kadhem Ahmad Makki AlQallaf
Raghda Manaf Mohammad Yasin
Ola Emad Abdelkawi Hassan
Balqees Hussain Younis Mothaffar
Krist Rafi Abikian
Khaled Anwer Ali AlMulla
May Ahmad Karam Ali
Layan Marwan Mohamed Ramadan AlHaddad
Ouqla Sulaiman Duhaiman AlSelemani
Abdulaziz Khaled Jasem AlHoly
Khalifah Ahmad Khalifah AlGhareeb
Fahad Humoud Awwadh Shuaib AlEnezi
Aisha Khaled Ahmad AlKandari
Asmaa Nassar Abdullah AlRashidi
Dhahawi Mohammad Matar AlAadwani
Essa Abdullah Mohammad AlEssa
Fatmah Khalifah Rashed AlKhatlan
Mohammed Mubarak Mohammed AlMsaiem
Saleh Nabeel Saleh AlMushouti
Salman Fadhil Abdalnabi Husain
Saoud Ayed Humoud AlAzmi
Sulaiman Fahad Sulaiman AlWaqyyan
Yasmeen Ahmad Mohammad El-Bajjali
Yousef Abdulaziz Abdulmohsen AlBkoor
Yousef Emad Ali AlSheshtari
Yousef Mohammad Yousef AlDuaij
Yousef Yaqoub Ali Abdullah



DIPLOMA OF ELECTRICAL & ELECTRONICS ENGINEERING GRADUATES



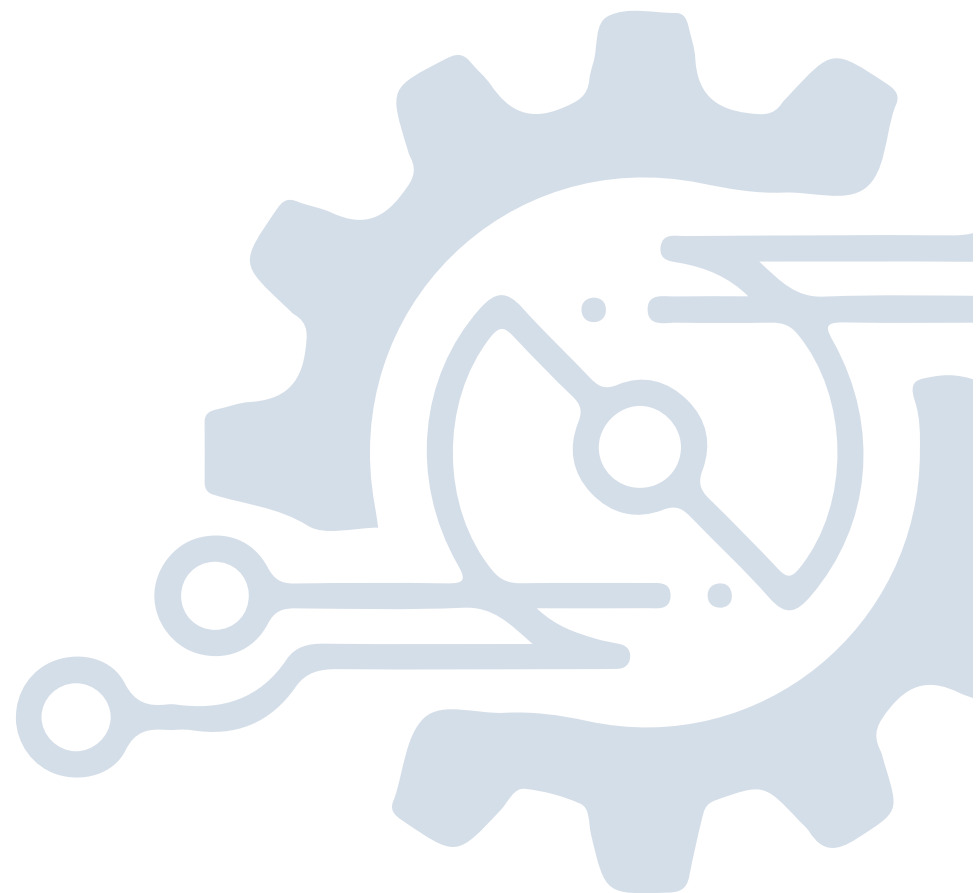
Zakria Abbas AlBlooshy
Diploma of Electrical & Electronics
Engineering



DIPLOMA OF ELECTRICAL & ELECTRONICS ENGINEERING GRADUATES

Aaisha Taj Mohammad
Abdullah Essam Ahmed Naddoum
Abdullah Kamel Reja AlRashidi
Abdullah Nafea Saleh AlNafea
Abdulwahab Ghanim Abdullah AlGhanim
Atalla Bader Atalla AlEnezi
Fahad Motlaq Hsayyan AlEnezi
Fajer Jassim Radhi AlMutairi
Fatimah Ali I AlHubabi
Ghadeer Emad Shaker Dashti
Hamad Salem Hamad AlOtaibi
Hassain Walid Najim Al-Tamimi
Jenan Abdulhameed Esmael Moqaddam
Musa Yousef Hamzah Abdullah
Nejoud Jaber Salem AlAzemi
Noor Younes Hamad Abdullah
Nourah Saad Adel AlSaidy
Rawan Tareq Najaf Hasan
Zakria Abbas Ali AlBlooshy
Abdul Kareem Osama Abdul Kareem Hanan
Abdulaziz Mohammad Ahmad AlKandari
Abdullah Mohammad Ghareeb Zankawi
Abdulrazzaq Matar Ghazi AlHarbi
Ahmad Fadel Abbas Dashti
Ali Fawzi Ali AlBanaa
Arwa Mohammad Saeed Jumah
Bader Snaitan Ayedh AlRashidi
Fatemah Ali Husain Qasem
Hissah Saad Mohammad AlSaeidan
Khaled Ali Mohammad AlShammari
Mahmoud Ahmad Mahmoud AlMaraj
Mohammed Ahmad Mohammed Abudakar
Mohammed Sami Mohammed AlMunaikh
Othman Jamil Mohammad Muzher
Raghad Rashed Maqtof Hizam

Shaima Jaber Jassem Shumais
Zahraa Mahmoud Jawad AlNaser
Abdullah Faraj Obaid AlAjmi
Ahmad Mohammad Hajeyah Hasan
Hamad Saleh Sulaiman AlKharji
Hassan Ali Hamad AlShammari
Hussain Ali Hussain AlAjmi
Hussain Wael Mohammad AlHashash
Mohammed Nabeel Mohammed Boabbas
Nourah Mohammad Ajeel AlShammari
Saraa Homoud Hamad AlAjmi
Shaihanah Mansour Shukhair AlEnezi
Shoeib Mohammed Abdullgafar Atsh

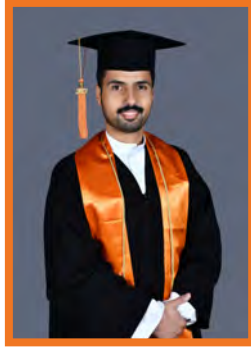




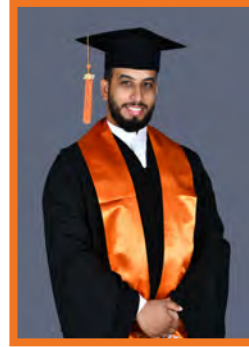
DIPLOMA OF MECHANICAL ENGINEERING GRADUATES



Dhuha Haitham AlShaiji
Diploma of Mechanical Engineering



Humoud Faleh AlHajeri
Diploma of Mechanical Engineering



Khaled Ahmad AlBaker
Diploma of Mechanical Engineering



DIPLOMA OF MECHANICAL ENGINEERING GRADUATES

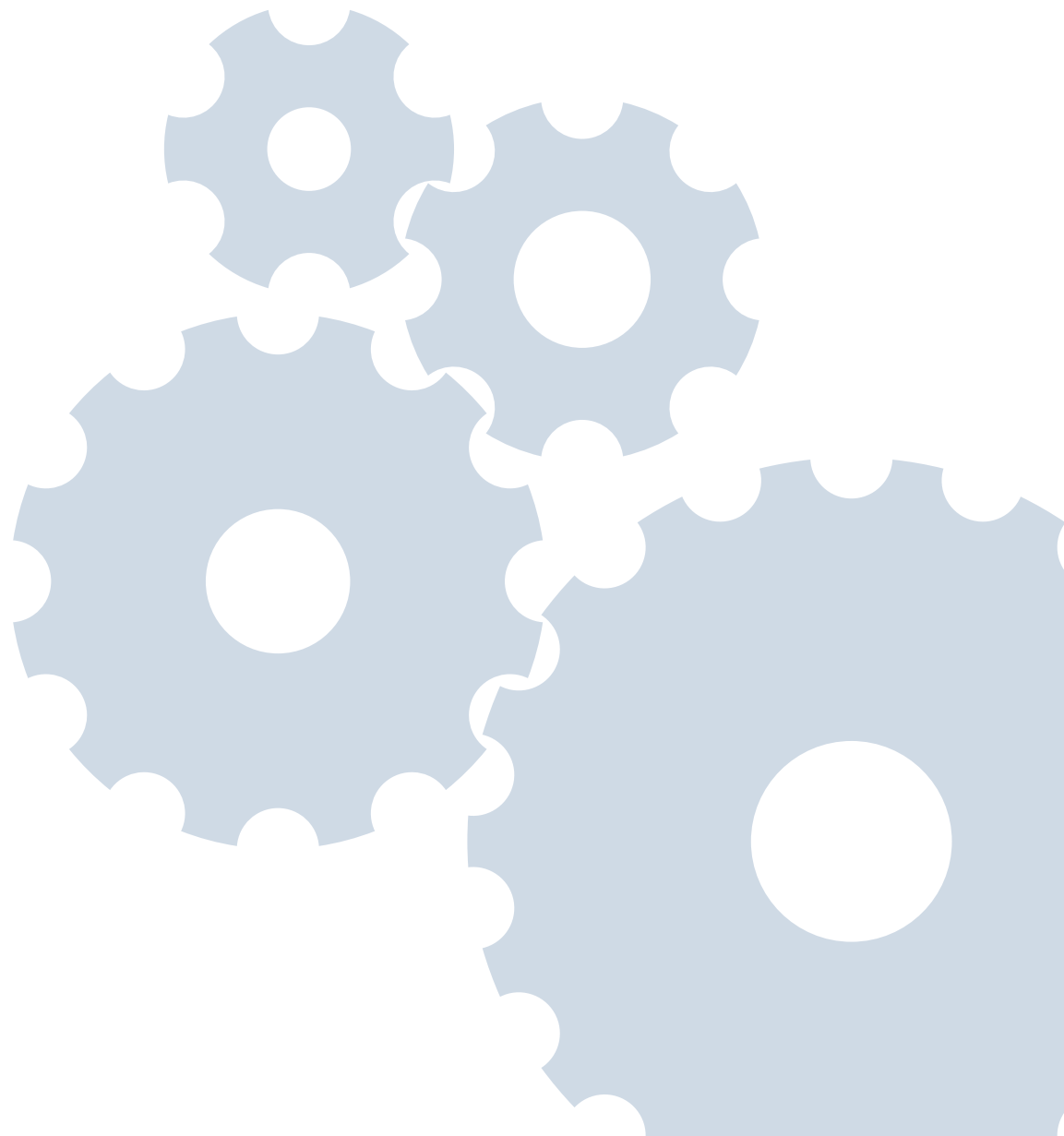
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Bader Naser Rashed AlHajri
Dalal Ali Mubarak AlEnezi
Hamad Mohammed Fahad AlShayji
Hashem Abdulhadi Abdulhameed AlSaleh
Husain Mousa Awadh AlShatti
Hussain Ali Abdulghani AlQalaf
Khaled Ahmad Abdullah Abdulrahim
Khaled Ahmad Mohammad AlBaker
Khaleel Jassim Abbas Naqi
Lojain Ali Abdulhussain Ali
Muaaz Abdullah Mohammad AlQahatani
Musaed Yousef Musaed AlHumoud
Mustafa Adel Mohammed Ghuloum
Naser Adnan Mohammad AlJaser
Naser Ali Asad Ali
Naser Khalifah Mohammad AlFraij
Saad Khaled Saad AlHajeri
Saud Hejab Saud AlAjmi
Saud Mohammad Shuaifan AlDoussari
Yousif Walid Khalil AlDauod
Abdalla Ali Abdalla AlShammari
Abdalwahab Jassim Hindi AlHamdi
Abdulaziz Abdullah Faleh AlAjmi
Abdulaziz Hasan Mohammad AlKandari
Abdullah Jamaan Motlaq Busamri
Abdullah Mohammad Manea AlAjmi
Abdullah Shaker Mahmoud Mahdi
Abdullah Yahya Afar AlKhalaf
Abdulqader Salah Bader AlBosarh
Abdulrahman Abdullah Najem Faleh AlAbdullah

Abdulrahman Khaled Abdullah AlOtaibi
Abdulrahman Sulaiman Mohammad AlMaidhan
Ahmad Ahmad Ghaddar
Ahmad Sabah Ali Buhamad
Ali Ahmad Mohammad Murad
Ali Mohammad Saleh Maarafi
Ali Mohammed Marzouq AlAwad
Amir Reza Mojtaba Rezaei
Anas Abdullateef Mohammad AlHaran
Bedour Khaled Abdullah AlMansoori
Dalal Mustafa Ali AlShatti
Emad Jassem Mohamad AlJadi
Hadi Fhaid Abdullah AlAjmi
Hamad Bassam Saleh AlMejren
Hamad Yousef Nemer AlSaeedi
Hamad Zeyad Naser AlHaqan
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Husain Abdullah Husain Aldousari
Jassem Khaled Bader AlHasawi
Khaled Ahmad Barrak AlAzemi
Khalefah Saad Rashed AlJuwaisri
Lolwa El Helou
Maurice Mechail Maurice Nasta
Mohammad Bashar Ahmed AlDawoud
Mubarak Hamad Abdullah AlDeehan
Nader Ali Abdullah AlMutairi
Naser Mnahi Fahad AlAzmi
Nayef Jamaan Falah AlAzemi
Omar Motlaq Mohammad AlKahtany
Roudan Abdullateef Abbas Dashti
Seyed Hossein Seyed Mohammad Ameli
Sulaiman Ali Hassan AlKandari
Yousef Hameed Shayea Ghatheth



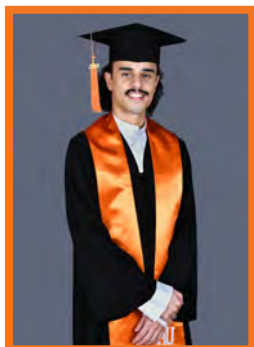
DIPLOMA OF MECHANICAL ENGINEERING GRADUATES

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Abdulwahab Tareq Abdulwahab Boresli
Bader Amer M AIObaid
Dhuha Haitham A AlShaiji
Fahad Falah Medwes AIDousari
Fahad Ibrahim Ahmad AlRashed
Faisal Nader Faleh AIOtaibi
Hind Mohsen Nahar Mohammad Ali
Hussam Nabil Hussam AlAmad
Mohammad Awaidhah Fahad Awaidhah Fahad
Mohammad Saad Ali AlAzemi
Mohammed Sultan Hamad AlZufairi
Naser Baddah Abdullah AlAjmi
Omar Salem Ahmed AlHazaa
Qamrah Salem Motlaq AlBugili AlRashidi
Rawan Hani Abed AlShammari
Shehab Hasan Hamad AlShammari
Soud Ayed Hadi AlAzmi
Yousef Jamaan Nouman AlAzemi





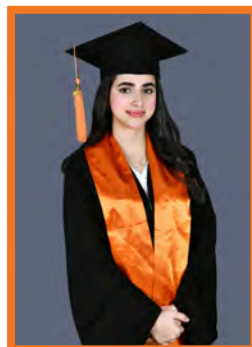
DIPLOMA OF PETROLEUM ENGINEERING GRADUATES



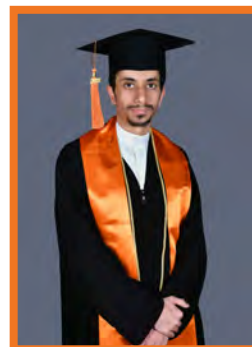
Ali Bader AlShammari
Diploma of Petroleum Engineering



Ali Zaid AlEnezi
Diploma of Petroleum Engineering



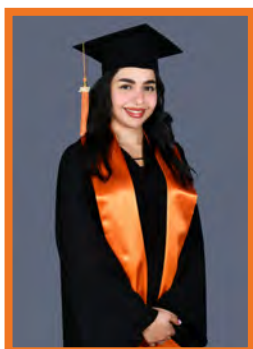
Mnair Falah AlMalek
Diploma of Petroleum Engineering



Mohammad Salman AlAzemi
Diploma of Petroleum Engineering



Sarah Mohammad AlShayea
Diploma of Petroleum Engineering



Sarah Yousef AlMulla
Diploma of Petroleum Engineering



DIPLOMA OF PETROLEUM ENGINEERING GRADUATES

Abdulaziz Hamad Khaled AlMarri
Abdullah Khaled Yousef AlEnezi
Ali Hussain Mohammad Dashti
Ali Zaid Jaser AlEnezi
Fatmah Sameer Fahad Shehab
Huseen Sameer Fahad Shehab
Mansoor Abdulaziz Mansoor AlMansoor
Maryam Salem Ahmad Binyousef
Misk Saleh Daham AlDhufairi
Mohamed Khaled Abdelbaset Abdelmageid
Naser Bader Saeed AlBader
Noureyah Tareq Abdullah AlFadhel
Sarah Mohammad Saleh AlShayea
Sarah Yousef Ibrahim AlMulla
Wafaa Naser Fahad AlKhazam
Yousif Salman Salem AlAzemi
Abdalwahab Sulaiman Julaidan AlSelemany
Abdulaziz H B Al Abbas
Abdullah Khalil Ibrahim AlWazzan
Abdulrahman Nayef Mohammed Abu Hamada
Ahmad Mohammad Ali Dashti
Ahmed Lam
Ali Bader Abdalnabi AlShammari
Ali Mubarak Ali AlHajri
Bandar Abdulaziz Athal AlSuwait
Fatemah Mahmoud Eissa AlKhadhari
Humoud Mohammad Khaled AlWusaiss
Khaled Bader Naser AlMehjan
Khansa Ishaq Muhammad Ishaq
Mnair Falah Abdullateef AlMalek
Mohammad Salman Salem AlAzemi
Mubarak Abdulrahman Yousef AlAbdullah
Nawaf Lafi Falah AlMutairi
Ragad Adel Khalil AlJarki
Retaj Fahad Abdulrahman Homaidi

Samiah Mohammad Rashed AlHajri
Waleed Ibrahim M Hakam
Yasmain Salem Saad AlOwaisheer
Yousef Houd Yousef Bouabbas
Yousif Hameed Saleh AlJadi
Abdallah Ali Mohammad AlMutairi
Abdulahdy Gamal Abdulhady AlDoosery
Abdullah Hussain Suwayed AlNassar
Abdulmohsen Fadhel Abdulmohsen AlAli
Abdulmuhsin Mohammad Saad AlHarbi
Abdulrahman Rashed Ghanim AlRashidi
Ahmad Mohammad Ahmad AlGhaith
AlWaleed Jaber Abdullah Meshkhas
Fahad Mohammad Ali Sabhan
Maryam Hameed Khashan AlKhaldi
Mohammad AlJawad Abdulredha Jumaah AlAli
Mohammad Mubarak Abdullah AlAzemi
Taiba Sager Humoud AlHarban





COLLEGE OF ENGINEERING

Events

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GPCA CARBON NEUTRALITY CUP COMPETITION



The Petroleum Engineering students Faisal Albalool and Abdullah Alrabaie, accompanied by their supervisor, Dr. Jean El Achkar, Assistant Professor at the Petroleum Engineering Department, represented the Australian University (AU), the College of Engineering at the Carbon Neutrality Cup Competition organized by the Gulf Petrochemicals and Chemicals Association (GPCA) from 5th to 7th September 2023 at the Ritz-Carlton in Manama, Bahrain.

The competition gathered industrialists, stakeholders, and participants from 15 prominent universities in the GCC. The AU team was among the top 5 finalists and secured third place in the undergraduate student's category.



طلاب الجامعة الأسترالية يحرزون المركز الثالث في مسابقة 'كأس الحياد الكربوني'



الغزواني مع دجنان الأشقر

البحرية المتفانية التي نبذلها الجامعة الأسترالية لدعم طلابها وحثهم على المشاركة في المبادرات البحثية التي تقوم بها هيئة التدريس، والتي أسفرت عن نتائج متميزة وجمعت المسابقة بين طلاب العلوم وقادة الصناعة والأكاديميين لتبادل المعرفة وإلهام بعضهم البعض. ويسعدني أن أمني طلابنا وجميع المشاركين، وأتمنى لهم مستقبلاً ناجحاً.

وخلال مشاركة الطلاب تم عرض مشروعهم في جلسة وعرض شفهي مدته 10 دقائق أمام لجنة مرموقة تضمنت خبراء، والذين قاموا بتقييم المشروع بشكل نقدي من خلال مناقشات واستفسارات حرصاً منهم على تعزيز الروح التنافسية للمشاركة. وتعليقاً على هذا الإنجاز، قال دجنان الأشقر: يسلط هذا الإنجاز الضوء على الجهود

الشباب الفتيح للاتحاد الخليجي للبتروكيماويات والكيماويات بهدف دعم وتطوير جهود الحياد الكربوني وتعزيز العلاقة بين مجال الصناعة الكيميائية والأوساط الأكاديمية. حققت المسابقة في نسختها الأولى نجاحاً كبيراً حيث شارك طلاب الدراسات العليا والجامعية بمشاريع مبتكرة في مجالات علمية متنوعة من مختلف الجامعات المحلية.

شارك طلاب من قسم هندسة البترول لدى الجامعة الأسترالية في مسابقة 'كأس الحياد الكربوني' المنظم من قبل الاتحاد الخليجي للبتروكيماويات والكيماويات تحت شعار 'تشكيل مستقبل مستدام بحلول مبتكرة' في مملكة البحرين. وعاد فريق الجامعة إلى الكويت حاملاً المركز الثالث في المسابقة المرموقة. وتضمن فريق الجامعة الأسترالية كلا من الطالب فيصل الباليول والطالب عبيد الله الربيع، تحت إشراف دجنان الأشقر استاذ مساعد في هندسة بترول لدى الجامعة، وأقيمت المسابقة خلال الفترة من 5 إلى 7 سبتمبر الجاري، حيث جئنا عدداً من الخبراء، بالإضافة إلى مشاركتين من 15 جامعة بارزة من جامعات نول مجلس التعاون الخليجي. وتم استحداث كأس الحياد الكربوني من قبل مجلس



11TH KUWAIT COLLEGIATE PROGRAMMING CONTEST (KCPC)



Students from the Electrical and Electronics Engineering Department supervised by Eng. Hania El Kanj – Senior Instructor/Electrical & Electronics Engineering Department participated in the 11th Kuwait Collegiate Programming Contest (KCPC 2023) hosted by the Kuwait Technical College on the 5th and 7th of October 2023.

Participated Students Names:

1. **Fahad Jazzaa AlEnezi**
2. **Ahmad H A A Almutawa**
3. **Ahmad Mohammad Hasan**

The students proved their skills and secured 10TH position in the top 10 ranking amongst the 44 teams competing.

COE - REPRESENTATIVES MEETING WITH REZAYAT NATIONAL CONTRACTING COMPANY

On Tuesday 10th of October 2023, members from Rezayat (National Contracting Company) visited the Australian University and met with the representatives of the College of Engineering to discuss collaboration.



The discussion included collaboration in different areas such as research, field trips, Project based learning (PBL), graduation project proposals, training and workshops for students and sponsorship of lab equipment.



MOU SIGNING CEREMONY BETWEEN AU - COE & ISU



On Wednesday 1st of November 2023, a Memorandum of Understanding (MOU) was signed between the College of Engineering (CoE) at the Australian University (AU) and Idaho State University (ISU). This marks the start of a new partnership which includes several student engagement activities, joint training courses, Seminars / Talks / Conferences, participation of CoE faculty in research opportunities and exchange scientific research and technology-related information.

COE PARTICIPATION IN THE 14TH TICE & 7TH EEA

On Thursday 9th of November 2023, Dr. Suad Al Radwan - Assistant Professor from the Petroleum Engineering Department participated as Chairperson at the 14th Technological Innovations Conference & Exposition and 7th Engineering Excellence Awards.



The conference was organized by the Tamilnadu Engineers Forum – Kuwait. Two student's projects were selected for the Engineering Excellence Award.

The first project “Engineering Excellence- Renewable Energy” Gold Award was for a Feasibility Study of Solar PV Implementation. The project was supervised by Dr. Suad Al Radhwan. Participating students included Dana Dalleh, Dana Al Sairafi, Shaikhah Al Dousari, Wafaa Al Saeed and Zahraa Kassim.



The second project “Engineering Excellence- Research” Gold Award was for Realtime Monitoring of a Rotary Machine using Cloud Based Platform, “Thingspeak.” The project was supervised by Dr Mohammad Omar and participating students included Dalal Al Ruwaie, Danah Halawah, Shahad Al Kharji, Sonds Al Fadhly and Lujain Al Sarraf.



The "Aspiring Engineer of the Year 2023" award was distributed to petroleum engineers Salma Sameer Shehab and Hasan Hamza Al Ali.

Al Anba	Page 8	Sun 11/19
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الجامعة الأسترالية تفوز بالجائزة الذهبية خلال معرض ومؤتمر الابتكار والتكنولوجيا «TICE»



تفوقت الجامعة الأسترالية بحصولها على 4 جوائز ذهبية خلال مشاركتها في معرض ومؤتمر الابتكار والتكنولوجيا الرابع عشر (TICE) وحفل توزيع الجوائز الهندسي السابع EEA. وأقيم الحفل برعاية الرئيس الفخري لمبادرة التنمية المستدامة الشيخ مالك الجابر المالك، وبحضور ضيوف مميزين وممثلي الوزارات والقطاع النفطي، بالإضافة إلى معاهد البحوث وعلماء وقادة القطاع الصناعي، حيث تطور معرض الابتكار والتكنولوجيا على مر السنين ليصبح حدثاً دولياً مهماً، ومنصة لعرض التقنيات الحديثة والمنتجات التي تساهم في إيجاد حلول للتحديات المتعددة التي يواجهها قطاع الصناعات في الكويت بما في ذلك قطاع النفط والغاز والطاقة. وشارت كلية الهندسة بالجامعة الأسترالية في هذا الحدث المرموق من خلال تقديم مشروعين تخرج من قبل مجموعة من الطلاب وعرضين تقديميين، وترشح خريجين من كلية الهندسة على جائزة أفضل مهندس ناشئ بالإضافة إلى مشاركة عضو هيئة التدريس د.سعاد الرضوان، كرئيس للجنة المنظمة للمؤتمر. ونجحت الجامعة في الحصول على جائزتين ذهبيتين ضمن فئة تقديم البحوث، وذلك من خلال مشاريع تخرج طلابي تحت إشراف د.سعاد الرضوان وبمشاركة الطليحات دانا دلة ودانة الدوسري ووفاء السعيد وزهراء قاسم.

أما الجائزة الثانية حصل عليها مجموعة ثانية من الطالبات وهن دلال الرويح ودانة حلالا وشهد الخريجي وستند الفضلي ولجين الصراف تحت إشراف د.محمد العم، بالإضافة إلى فوز خريجي قسم هندسة البترول م.سليم سمير شهاب وم.حسن حمزة العلي بجائزة مهندس العام الناشئ.



CQUNIVERSITY VISIT TO THE AUSTRALIAN UNIVERSITY

The Auspice Partner CQUniversity visited the Australian University from 20th to 23rd of November 2023.



HUAWEI ICT COMPETITION 2023-2024

NATIONAL EXAM FOR KUWAIT

The Electrical and Electronics engineering students occupied 5 seats from the top 9 all over Kuwait in the Huawei ICT Competition 2023-2024 National Final. The competition was held in 3 different tracks Networking, Computing and Cloud where AU students dominated the first 3 place in the Networking, first place in Computing and second place in Cloud. Winners represented the Australian University and Kuwait in the Regional Final in Bahrain from 19th to 22nd of December 2023.

Participated student's names are as follow:

Othman Jamil Mohammad Muzher - won 1st place, Network track.

Faisal Ahmad Farhan Alnwayem - won 2nd Place, Network track.

Haya H. Z. Sammour - won 3rd Place, Network track.

Sarah Ali Shamlan Jnaa - won 1st Place, Computing track.

Nejoud Jaber Salem AlAzemi - won 2nd Place, Cloud track.

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



Photo of participated students and supervisor with the College of Engineering Dean Dr. Mohammed Abdul-Niby and Dr. Hassan Salti Head of Electrical and Electronics Engineering Department

MOU SIGNING CEREMONY BETWEEN THE AUSTRALIAN UNIVERSITY - COE & GPCA



On Tuesday 5th of December 2023, a Memorandum of Understanding (MOU) was signed between the College of Engineering (CoE) at the Australian University (AU) and Gulf Petrochemicals and Chemicals Association (GPCA). The signing ceremony took place during (GPCA) Youth Forum from 4th to 6th of December 2023, in Doha, Qatar. The agreement will contribute to sharing resources and knowledge to foster an environment of continuous learning and growth.



HUAWEI ICT COMPETITION 2023-2024 NATIONAL FINAL

The Australian University's Electrical & Electronic engineering students represented the Kuwait team in the Regional Final in Bahrain from 19th to 22nd of December 2023.



The Australian University student's representing Kuwait team

The Kuwait team achieved a remarkable 3rd place in the challenging Networking track, competing against formidable teams from various countries.



Kuwait Team receiving the 3rd place award on the stage

Participated student's names are as follow:

Otman Muzher
Faisal Alnwayem
Haya Samour

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



Kuwait team after awarding 3rd place

In addition to individual and team achievements, Huawei awarded the “Best Academy Award” to the Australian University Kuwait for the fifth consecutive year.



COE REPRESENTATIVES MEETING WITH AQUASAN REPRESENTATIVE

On Tuesday 23rd of January 2024, Dr. Wagdy Said (Plant Manager) from Aquasan visited the Australian University and met with the representatives of the College of Engineering Dr. Ehab Bani Hani, Manager PBL Center - Associate Professor / Mechanical Engineering Department and Dr. Nader Ghareeb, Manager workshop - Assistant Professor / Mechanical Engineering Department to discuss collaboration.

As an initial step, the PBL Committee members will be visiting the Aquasan factory to learn more about the possibility of supporting the College of Engineering with PBL and Sr. Graduation Projects.



SMART NET-ZERO ENERGY BUS STOP PROJECT

On 28th January 2024 the opening ceremony of “Smart Net-Zero Energy Bus Stop Project” took place at the Australian University (AU) with the presence of AU Management and the representatives of Zain Telecommunications Company, Kuwait.



project was implemented by Civil engineering graduate students under the supervision of Dr. Mohamed Salem – Assistant Professor / Civil Engineering Department and with the cooperation and support of the Zain Telecommunication Company, Kuwait.

The project is designed to promote sustainability and to encourage people to use public transportation.



Scan this QR code to view
the event recap video:

PETROLEUM ENGINEERING DEPARTMENT FACULTY MEMBERS MEETING WITH SLB

On Sunday, March 10th, engineers Mahdi Abdullah, Sarah Alrefaie, Raghad Alnajjar and Shaikha Al Khurainej from Schlumberger (SLB) visited the Australian University (AU) campus to explore potential collaborations and the met with the Petroleum Engineering Department faculty members Dr. Mortadha Al Saba, Dr. Jean El Achkar, Dr. Sayyed Alizadeh, Eng. Kingsley Amadi, and Eng. Mufazzal Kabuli.



The discussions centered around delivering guest lectures on key topics, including Well Logging, Upstream Production, Reservoir Engineering, and Environmental Protection. This interaction significantly enhances student learning by providing direct industry insights and fostering practical knowledge transfer. It also strengthens ties between academia and industry, ensuring AU's Petroleum engineering students are well-prepared for their careers.



SAPPI SOUTH AFRICA LTD. MANAGERS VISIT TO THE PETROLEUM ENGINEERING DEPARTMENT

On Tuesday 19th of March 2024, Mr. Jason Knock – General Manager – Biotech Lignin at Sappi and Mr. Shane Ramkooar – Senior Business Manager – Biotech Lignin at Sappi visited the Australian University (AU) campus to celebrate the successful commercialization of a product, which was developed by Sappi, evaluated and tested at AU laboratories as a part of a funded project supervised by Dr. Mortadha Alsaba and Dr. Rida Elgaddafi. In addition, discussions on further collaboration in the future took place during the visit.



INNOVATION AND ENTREPRENEURSHIP “LEAD YOUR FUTURE” FORUM

A group of Electrical and Electronics engineering students from semester 3 have participated in the Innovation and Entrepreneurship Forum “Lead Your Future – Spring 2024” with their PBL course project title: “Solar Diesel Hybrid UPS System”, supervised by Dr. Michel Nahas.

The team succeeded in winning the first-place award in the event organized at the Australian University by the Innovation and Entrepreneurship Center on Sunday 21st of April 2024.



The participating students were:

- **Othman Mohammad Muzher**
- **Ahmad Mohmmad Hasan**
- **Hamoud Answer Almofarah**
- **Abdullah Faraj Alajmi**
- **Hamad Saleh Alkharji**

COLLEGE OF ENGINEERING FACULTY MEMBERS MEETING WITH PEARSON HIGHER EDUCATION

On Thursday 25th of April 2024 the Pearson Higher Education representatives Ms. Meha Chettiar and Mr. Ahmed Sami were invited by Prof. Ahmed Bani Mustafa, Head of Mathematics and Physics Department to discuss integrating Artificial Intelligent (AI) and technology into engineering courses.



During the meeting, Pearson engaged with faculty members from Australian University, College of Engineering, introducing Mastering Engineering—a digital courseware facilitating real-time quizzes, auto-graded assignments, and an adaptive study area for student practice.

Mastering Engineering also includes eText functionality for interactive notetaking and flashcards, a multimedia library (with real time experiments like Phet Simulations for Physics, Bioflix for Bio and video explanations from the author) featuring real-time experiments, and seamless integration with Moodle LMS. The faculty expressed keen interest in incorporating Pearson resources into their courses for the upcoming semester.

Additionally, Pearson's Learning Catalytics—a tool for synchronous, self-paced, and team-based quizzes—captured faculty attention for its auto-grading and statistical analysis features. The department aims to identify courses suitable for Pearson resources and explore the potential adoption of Mastering and Learning Catalytics in the College of Engineering.



GOTECH 2024 CONFERENCE



As part of the AU SPE Chapter's commitment to broadening student experiences within the oil and gas sector, the student Mohammad Al Jawad Abdulredha AlAli, President of AU SPE Chapter, was nominated to attend the GOTECH conference, sponsored by Dragon Oil. Held from 7th to 9th of May 2024, in Dubai, UAE, this significant three-day event provided him with a platform to connect and engage with industry peers and experts from across the globe. It also offered him firsthand access to the latest technologies and insightful discussions, enhancing his understanding and skills in the field.



INJAZ COMPANY PROGRAM 2023 - 2024 COMPETITION

The Australian University (AU), College of Engineering in collaboration with the College of Business and School of Aviation had participated in "INJAZ Company Program 2023 - 2024 Competition" on 11th of May 2024 in the Cultural Central at AUM.



Participated Students' Names:

College of Engineering:

- Nazanin Ayaz Agha
- Faisal Abdulrahman AlBalool

College of Business:

- Alaa Hasan
- Abdulaziz Alomairi
- Sara Mohammed
- AbdulMousen Kassim

School of Aviation:

- Abdelurhman Fatih Alsayed

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

19TH EDITION GPAC LEADERS OF TOMORROW



Students from the Petroleum Engineering Department at the Australian University (AU), namely Sarah Salah, Namareq Ali, Esraa Hasan, and Abdullah Alrabaie, participated in the 19th Edition GPCA Leaders of Tomorrow event from May 13-14, 2024, in Dubai, UAE. Under the mentorship of Dr. Jean El Achkar – Assistant Professor / Petroleum Engineering Department, the students engaged in key activities, including the GPCA Plastics Conference, leadership sessions, and networking events. They also actively participated in a rapid-fire round discussing the chemical industry's role in driving innovation and sustainability.



HUAWEI ICT COMPETITIONS 2023 - 2024 GLOBAL FINAL

The global final of the Huawei ICT competition was held in China from 22nd to 26th of May 2024. More than 164 teams from 62 countries participated across all tracks Computing, Cloud, and Networking. Representing Kuwait, the Australian University – Electrical & Electronics Engineering students Othman Muzher, Faisal Alnwayem and Haya Sammour, supervised by Mr. Mohammad Zaki – Senior Instructor, showcased exceptional skill and determination, ultimately securing 3rd place globally.



AU students representing Kuwait team celebrating the 3rd place in the Global Competition



Kuwait team in the Global Final competition in China



AU Management and supporting authorities & companies representatives celebrating the winners at the AU campus



The AU team was honored on the Ooredoo building for their memorable achievement

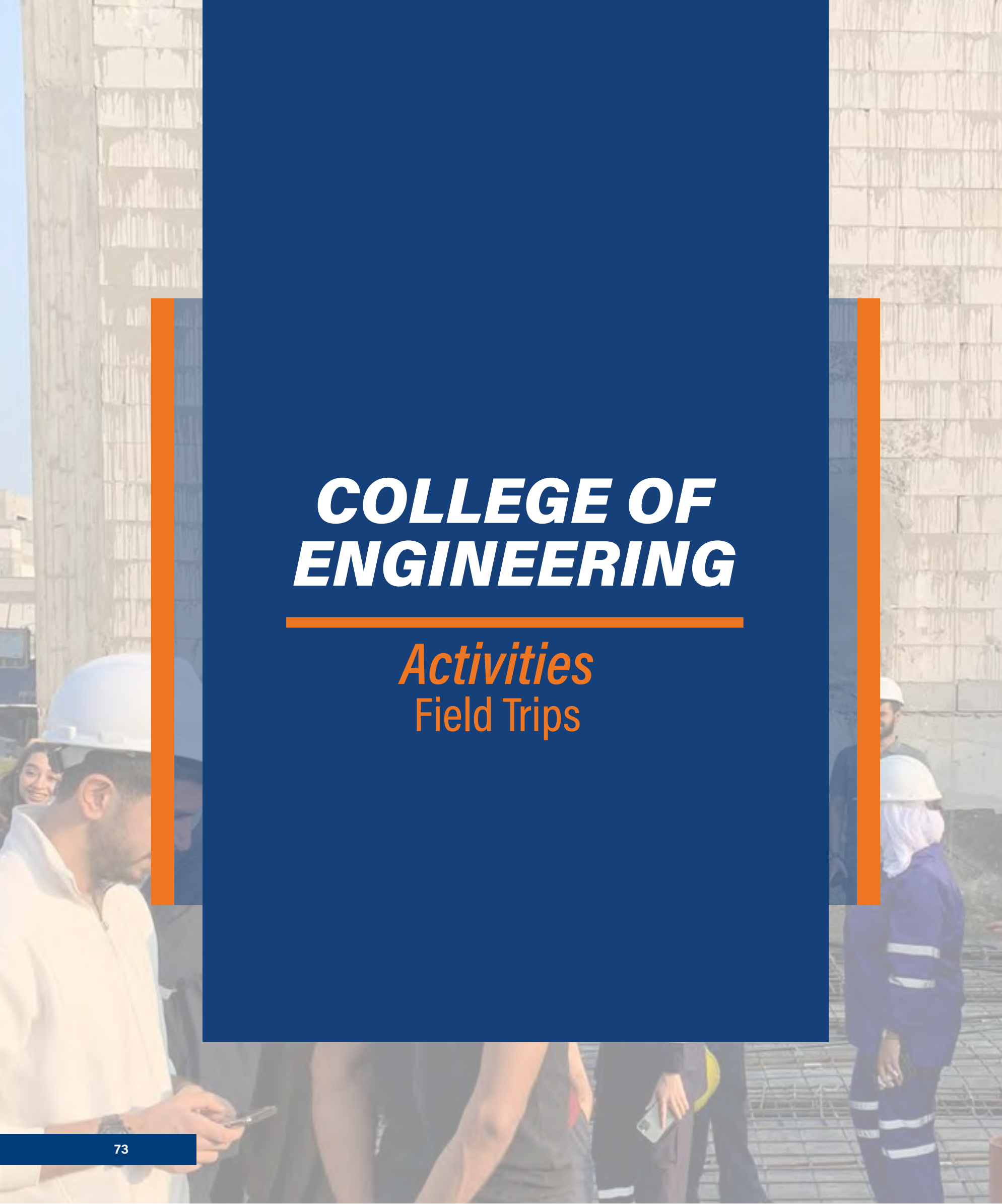
Scan this QR code to view the event recap video:



MOU SIGNING CEREMONY BETWEEN AUSTRALIAN UNIVERSITY - COE & LIFE ENERGY

On Sunday 2nd of June 2024, a memorandum of understanding (MOU) was signed between the College of Engineering (CoE) at the Australian University (AU) and Life Energy. This agreement will enhance collaboration in research and development projects related to environmental management and sustainability, renewable energy and energy efficiency fields.





COLLEGE OF ENGINEERING

Activities
Field Trips

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KUWAIT OIL COMPANY (KOC)

FIRST FIELD TRIP

On Tuesday 26th of September 2023, a group of Electrical and Electronics Engineering students supervised by Dr. Michel Nahas, Assistant Professor / Electrical and Electronics Engineering Department visited Kuwait Oil Company (KOC) facilities to gain a profound understanding of how SCADA systems are essential for the oil and gas industry.



The students learn about the operation behind the SCADA system, its components, how it connects the wells into one computer, and many other questions related to SCADA in the oil and gas industry.



KIPIC FIELD TRIP

On Tuesday 3rd of October 2023, a group of Electrical and Electronics Engineering students supervised by Dr. Michel Nahas, Assistant Professor / Electrical and Electronics Engineering Department visited Kuwait Integrated Petroleum Industries Company (KIPIC).

The field trip to KIPIC's Al-Zour refinery showcased the operation of SCADA and how it is integrated within the oil and gas industry



KUWAIT OIL COMPANY (KOC) SECOND FIELD TRIP

On Tuesday 10th of October 2023, a group of Electrical and Electronics Engineering students supervised by Dr. Michel Nahas, Assistant Professor / Electrical and Electronics Engineering Department visited Kuwait Oil Company (KOC). The purpose of the field trip was to discover a real-world implementation of SCADA technology in one of Kuwaiti industries.

The visit to KOC's "Pumping and Metering Station" revealed the critical role of SIMATIC WinCC in orchestrating industrial excellence. The tour demonstrated the adaptability of SCADA technology, from its historical history to real-world applications. The absolute openness of the system, easy interaction with diverse operating systems, and strategic scalability emerged as important contributors to operational efficiency. In essence, the student's investigation highlighted the significant role of SCADA in designing transparent, creative, and efficient industrial processes.



CHERY AL GHANIM FIRST FIELD TRIP

Electrical and Electronics Engineering students field trip to Chery Al Ghanim on Wednesday 18th of October 2023, supervised by Eng. Mohammad Saad Zaki, Senior Instructor / Electrical and Electronics Engineering Department.

The students were given a presentation by Eng. Ahmad Salah about “sensors and technology in the era of hybrid and electric cars”. Students were then shown the new Hybrid Tiggo 8 vehicle that contains PHEV technology along with a demonstration of its capabilities.



AL HAMAD TOWER PROJECT FIRST FIELD TRIP

Civil Engineering students field trip to Al Hamad Tower Project on Saturday 21st of October 2023, supervised by Dr. Ahmed Assad, Assistant Professor / Civil Engineering Department.



The visit's purpose was to give students a practical understanding of various projects technically and administratively. The students were first introduced to the project details and innovative components. They were then taken on a 2-hour tour where they showed various operations including excavation, dewatering, shoring, anchoring, formwork, and steelwork.



SIDRA CONSTRUCTION GROUP FIRST FIELD TRIP

Civil Engineering students field trip to the construction site of Sidra Construction Group on Saturday 18th of November 2023, supervised by Dr. Ahmed Said Saad, Associate Professor / Civil Engineering Department.

The students were shown the reinforcement details of a slab for a small residential building. They also had the chance to see different construction activities on the site.



YOKOGAWA FIELD TRIP

Electrical and Electronics Engineering students field trip to Yokogawa Electric on Monday 20th of November 2023, supervised by Eng. Hania El Kanj, Senior Instructor / Electrical and Electronics Engineering Department.

During the visit, students were introduced to different products from Yokogawa Electric including sensors, programmable logic controllers, distributed control systems, and the calibration process.



The students enjoyed and benefited from both the theoretical and practical parts of the visit since the addressed topics were significantly related to their courses such as mechatronics, instrumentation, and control systems.

BURGAN COMPANY FOR WELL DRILLING FIELD TRIP

Petroleum Engineering students field trip to Burgan Company for Well Drilling, Trading and Maintenance new yard at Al Wafra on Monday 22nd of November 2023, supervised by Dr. Mortadha Alsaba, Associate Professor / Petroleum Engineering Department and Mr. Ali Hersi, Lab Technician / Petroleum Engineering Department.



The students were shown the different rigs along with the different equipment related to rig systems. They got a great chance to see and experience how does it looks like to be in the field and to get a closer look at the different drilling rigs.



THE NEW KUWAIT AIRPORT TERMINAL 2 PROJECT FIELD TRIP

Mechanical Engineering students field trip to the new Kuwait Airport Terminal 2 Project on Thursday 23rd of November 2023, supervised by Prof. Ahmad Sedaghat, Professor / Mechanical Engineering Department.



The students observed the main trefoil plan of the terminal which features three symmetrical wings of departure gates. The tour was led by Engineer Mohammad Al Mehana and his colleagues who discussed different aspects of Terminal 2, in terms of architecture, facilities, and application of solar PV panels and new HVAC systems for energy saving.



MINISTRY OF PUBLIC WORKS ROAD LABORATORIES FIELD TRIP

Civil Engineering students field trip to the Ministry of Public Works Road Laboratories on Thursday 23rd of November 2023, supervised by Dr. Taha Ahmed, Associate Professor / Civil Engineering Department.

The students had the opportunity to experience and see all the asphalt mix design and evaluation laboratories including, Asphalt Lab, Road Materials Lab, and Paving Evaluation Lab.



AL HAMAD TOWER SECOND FIELD TRIP

Civil Engineering students field trip to Al Hamad Tower on Saturday 25th of November 2023, supervised by Dr. Mohamed Salem, Assistant Professor / Civil Engineering Department.

The purpose of the visit was to provide the students with a comprehensive understanding of the various structural components of the Al-Hamad Tower project in Kuwait City. During the visit, students explored the different forming systems, structural elements, and various equipment that play a crucial role in civil engineering practices. Additionally, students witnessed concrete block testing, providing valuable insights into material properties and structural integrity.



ACICO FIELD TRIP

Civil Engineering students field trip to ACICO Cement Production Factory in Mina Abdallah on Tuesday 26th of November 2023, supervised by Dr. Ahmad Said Saad, Associate Professor / Civil Engineering Department and Dr. Rana Lakys, Assistant Professor / Civil Engineering Department.



The students were given a tour of their operations and were able to observe different stages of cement production from raw materials to final product.



EPSCO FIELD TRIP

On Wednesday 31st of January 2024, a group of Petroleum Engineering students supervised by Dr. Rana Malhas, Assistant Professor / Petroleum Engineering Department visited EPSCO a tire recycling company in Kuwait.



The company focuses on recycling unwanted tires and utilizing the recovered materials, aiming to contribute to environmental conservation and create value-added goods for engineering purposes. During the factory tour, Eng. Mohammed Mustafa and Eng. Ziad Malhas explained the tire recycling process in detail. The students had the chance to create personalized flooring tiles and were provided with samples of rubber granules and TDF for their senior project.



ZAIN FIELD TRIP

Electrical and Electronics Engineering students field trip to Zain company on Sunday 18th of February 2024, supervised by Dr. Amin Al Ka'bi, Associate Professor / Electrical and Electronics Engineering Department.



The students were given a presentation that included a network overview, wireless technology and ZAIN's strategy and vision. The visit ended with a question-and-answer period along with a tour of the call center operations.



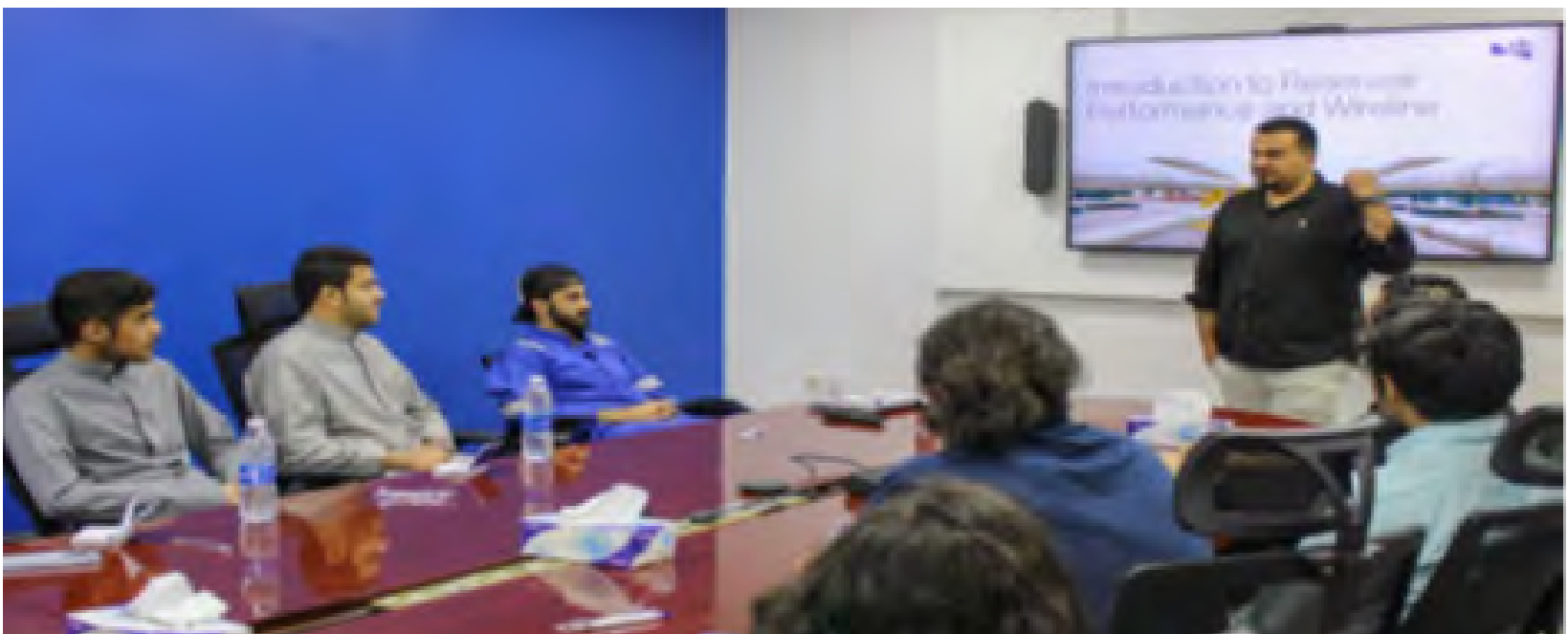
SCHLUMBERGER (SLB)

FIRST FIELD TRIP

Electrical and Electronics Engineering students field trip to Schlumberger (SLB) - wireline base on Sunday 18th of February 2024, supervised by Eng. Khaled Abujbara, Instructor / Electrical and Electronics Engineering Department



The students explored the drilling rigs, data analysis centers, and production facilities. Also, the visit provided firsthand experience and in-depth knowledge about Schlumberger's operations. Moreover, the students' engagement with industry professionals broadened their understanding of industry standards and best practices.





CHERY AL GHANIM SECOND FIELD TRIP

Electrical and Electronics Engineering students field trip to Chery Al Ghanim on Thursday 22nd of February 2024, supervised by Eng. Mohammad Saad Zaki, Senior Instructor / Electrical and Electronics Engineering Department. The students learned about modern car repairs, recognizing that contemporary vehicles incorporate numerous electronic components. Students were also able to observe sensor technology, engine, and motor integration.



SIDRA CONSTRUCTION GROUP SECOND FIELD TRIP

On Saturday 23rd of March 2024, a group of Civil Engineering students supervised by Dr. Ahmad Saad, Associate Professor / Head of Civil Engineering Department visited the construction site with Sidra Construction Group. Students were shown the reinforcement details of a slab for a concrete residential building during the construction phase. They also had the chance to see different construction activities and concrete casting in the site.



SCHLUMBERGER (SLB)

SECOND FIELD TRIP

On Thursday 25th of April 2024, Eng. Mufazzal Kabuli, Senior Instructor / Petroleum Engineering Department accompaniment with a group of Petroleum Engineering students visited Schlumberger (SLB) - wireline Unit.

The primary objective of the field visit to Schlumberger Wireline Unit was to gain insights into the operations, technology, and workflow of wireline services in the oil and gas industry.



The visit commenced with an introductory session, providing an overview of Schlumberger's wireline services, emphasizing their role in reservoir evaluation and production optimization.



A comprehensive display of wireline tools and equipment showcased Schlumberger's cutting-edge technology, including logging tools, conveyance systems, and data acquisition units. Demonstrations illustrated the functionality and versatility of these tools in different well environments.



KUWAIT AIRPORT FIELD TRIP

On Saturday 27th of April 2024, Dr. Mohamed Salem, Assistant Professor / Civil Engineering Department accompaniment with a group of Civil Engineering students visited the new runway and air traffic control tower project at Kuwait Airport. This fast-tracked project represents a significant collaboration between the Directorate General of Civil Aviation, consultant MOTT MACDONALD, and the joint venture of China Aviation International Holding Corporation (AVIC) and Al-Dar (HOT) Engineering & Construction (Kuwait).



The visit provided our students with a firsthand opportunity to observe the project's progress, including earthworks, asphalt laying, and the construction of the state-of-the-art air traffic control tower. They gained valuable insights into the project's critical components, such as automated weather stations, airfield lighting systems, and voice communication systems.

This experience served to enhance our students' understanding of civil engineering principles and their application in large-scale infrastructure projects. We extend our sincere gratitude to all the professionals involved for their dedication and for providing our students with this enriching learning opportunity.

UMM AL HAYMAN WASTEWATER TREATMENT PLANT FIELD TRIP

On Sunday 28th of April 2024, a group of Civil Engineering students supervised by Dr. Masoud Irannezhad, Assistant Professor / Civil Engineering Department visited the Umm Al Hayman wastewater treatment plant, arranged by Ms. Heba Abbas from the Ministry of Education.

During this visit, the students noticed all the different financial, technical, and operational procedures for treating wastewater from the preliminary processes to the disinfection as the last phase in the Umm Al Hayman wastewater treatment plant. 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.



COLLEGE OF ENGINEERING

Seminars & Presentations

College of Engineering Weekly Seminar/Workshop Schedule

Fall 2023 – 2024 Semester

Name	Guest Speaker CoE Faculty	Department	Seminar Topic	Seminar Date	Time	Location
Dr. Zainab Al Hajaj	CoE Faculty	Mechanical Department	Flax Fiber Reinforced Concrete for Sustainable Building Material	19/09/2023	12:00-01:00 PM	Auditorium
Eng. Hebah Abbas Chairwoman, Sustainability Committee, Kuwait Water Association	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
Dr. Fajhan Al Mutairi Sustainability and Sales Completion Manager	Guest Speaker	Petroleum Engineering	Sustainability in Oil & Gas Industry	10/10/2023	12:00-01:00 PM	Auditorium
Mr. Sherry Oommen Senior Vice President United Real Estate Company (URC)	Guest Speaker	Civil Engineering	Overview of Real Estate Development	17/10/2023	12:00-01:00 PM	Auditorium
Dr. Wissam Bou Nader Research and Innovation Engineer, Stellantis	Guest Speaker	Electrical & Electronics Engineering	Shaping the Future of Automotives: Powertrain Technologies and .Innovation Trends	31/10/2023	12:00-01:00 PM	MS Teams
Dr. Umar Nirmal Multimedia University, Faculty of Engineering and Technology, Malaysia	Guest Speaker	Mechanical Engineering	Testing Methods in Tribology of Polymeric Composites	14/11/2023	12:00-01:00 PM	MS Teams
Prof. Eissa Alsafran Professor of Petroleum Engineering at Kuwait University	Guest Speaker	Petroleum Engineering	Carbon Capture, Transportation, and Storage (CCTS) – Research and Education Challenges and Opportunities	21/11/2023	12:00-01:00 PM	Auditorium
Dr. Ali Al-Zubi PhD/Assistant Professor of Physics & Mathematics at the American University of Kuwait (AUK)	Guest Speaker	Mathematics and Physics	The Impact of the Simulations' Prediction Power on the Nanotechnology Revolution	5/12/2023	12:00-01:00 PM	Auditorium

Mechanical Engineering Department	2
Civil Engineering Department	1
Petroleum Engineering Department	2
Electrical Engineering Department	2
Mathematics & Physics Department	1
Total Seminars	8

DR. ZAINAB AL HAJAJ

"FLAX FIBER REINFORCED CONCRETE FOR SUSTAINABLE BUILDING MATERIAL"



"Flax Fiber Reinforced Concrete for Sustainable Building Material" seminar presented by the Mechanical Engineering Department faculty member Dr. Zainab Al Hajaj at the Australian University (AU) on Tuesday 19th of September 2023

A photograph of Dr. Zainab Al Hajaj presenting a slide during a seminar. The slide displays a table with concrete mix design data and a list of flax fiber percentages. The audience is visible in the foreground, seated and facing the stage.

2022), of a concrete grade 28 MPa, with a mix design shown in Table. Flax fiber content of 0%, 0.1%, 0.3%, 0.5%, 0.7%, 0.9% and 1% in the mixture by replacing the volume of the sand.

Cement (kg)	Water (kg)	Sand (kg)	Aggregate (3/4) (kg)	Aggregate (1/2) (kg)	Aggregate (3/8) (kg)	Admixture (L)
280	176	761	567	227	340	3
						8

ENG. HEBAH ABBAS

*"THE INTERSECTION OF ARTIFICIAL INTELLIGENT AND RENEWABLE ENERGY:
EXPLORING NEW HORIZONS FOR ELECTRICAL ENGINEERS"*



"The Intersection of Artificial Intelligent and renewable Energy: Exploring New Horizons for Electrical Engineers" seminar presented by the guest speaker Eng. Hebah Abbas at the Australian University (AU) on Tuesday 3rd of October 2023.



DR. FAJHAN AL MUTAIRI

"SUSTAINABILITY IN OIL AND GAS INDUSTRY"



"Sustainability in Oil and Gas Industry" seminar presented by the guest speaker Dr. Fahjan Al Mutairi at the Australian University (AU) on Tuesday 10th of October 2023



MR. SHERRY OOMMEN

"EXCELLENCE MINDSET IN CONSTRUCTION PROJECTS EXECUTION"

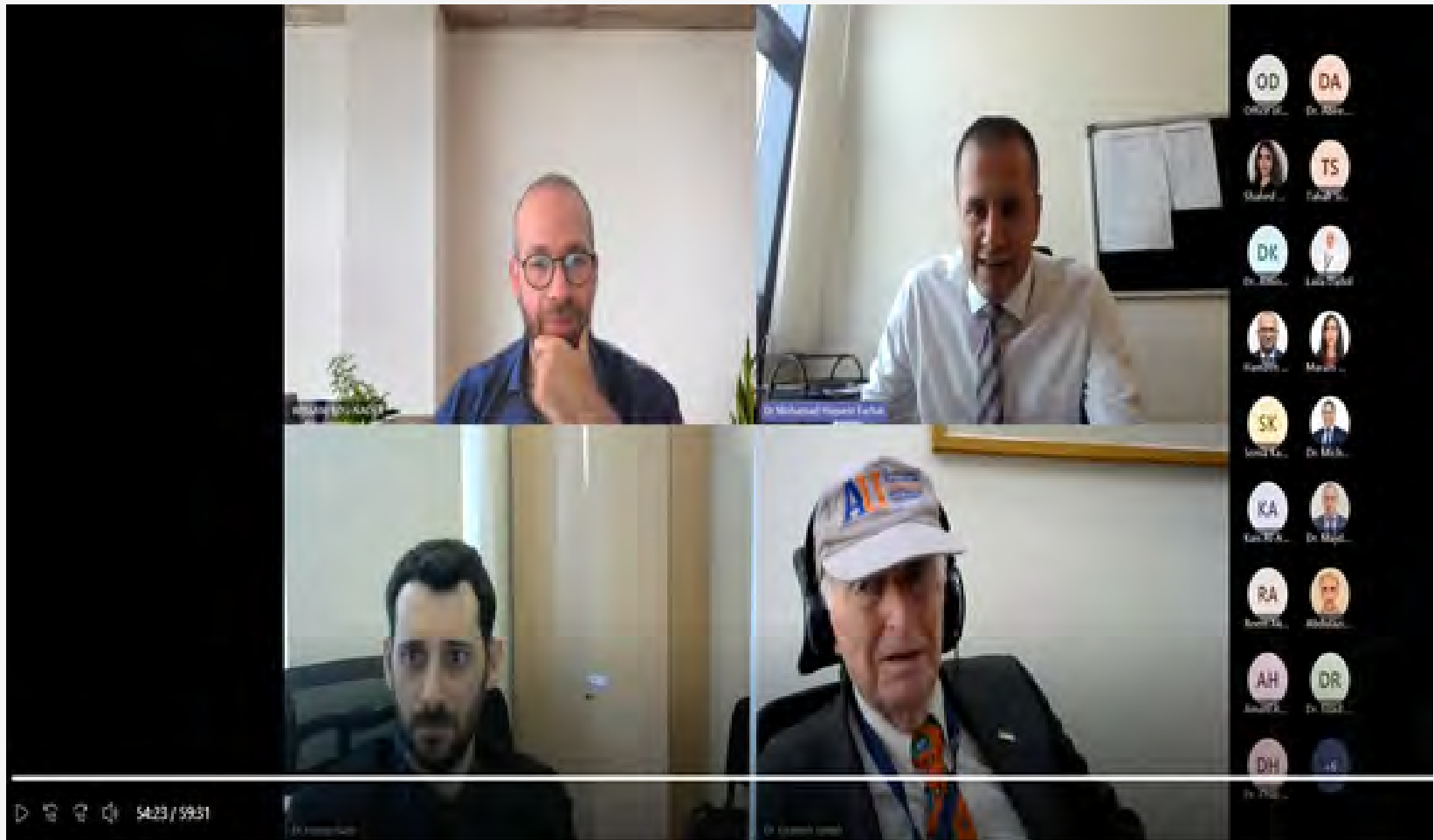


"Excellence Mindset in Construction Projects Execution" seminar presented by the guest speaker Mr. Sherry Oommen at the Australian University (AU) on Tuesday 17th of October 2023.



WISSAM BOU NADER

"SHAPING THE FUTURE OF AUTOMOTIVES: POWERTRAIN TECHNOLOGIES AND INNOVATION TRENDS"



"Shaping the Future of Automotives: Powertrain Technologies and Innovation Trends" virtual seminar presented by the guest speaker Dr. Wissam Bou Nader on the M.S Teams on Tuesday 31st of October 2023.



UMAR NIRMAL

"TESTING METHODS IN TRIBOLOGY OF POLYMERIC COMPOSITES"



"Testing Methods in Tribology of Polymeric Composites" virtual seminar presented by the guest speaker Dr. Umar Nirmal on the M.S Teams on Tuesday 14th of November 2023.

2.4 Block on Ring

(13-15)

Wear on car camshafts

Main Characteristics

- Build standard: **ASTM G77, G137-95.**
- Specimen size: (10 x 20 x 50) mm
- Specimen is in contact parallel to the side of the counterface.
- Contact area is variable.
- A load cell is incorporated to measure frictional forces.
- Counterface can be of various types; i.e.: metal, cast iron, aluminum, stainless steel, etc.
- **Application of test: sliding / rolling wear behavior of rubber tires, pulleys, camshafts, bearings, etc.**

Wear on car tires

Wear on pulleys

PROF. EISSA ALSAFRAN

"CARBON CAPTURE, TRANSPORTATION, AND STORAGE (CCTS) - RESEARCH AND EDUCATION CHALLENGES AND OPPORTUNITIES"



"Carbon Capture, Transportation, and Storage (CCTS) - Research and Education Challenges and Opportunities" seminar presented by the guest speaker Prof. Eissa Alsafran at the Australian University (AU) on Tuesday 21st of November 2023.



DR. ALI AL-ZUBI

"THE IMPACT OF THE SIMULATIONS' PREDICTION POWER ON THE NANOTECHNOLOGY REVOLUTION"



"The Impact of the Simulations' Prediction Power on the Nanotechnology Revolution" seminar presented by the guest speaker Dr. Ali Al-Zubi at the Australian University (AU) on Tuesday 5th of December 2023.



College of Engineering Weekly Seminar/Workshop Schedule

Spring 2023 – 2024 Semester

Name	Guest Speaker CoE Faculty	Department	Seminar Topic	Seminar Date	Time	Location
Eng. Dhuha Al Kandari HSE Manager – National Contracting Company Kuwait	CoE Faculty	Mechanical Department	Health & Safety Culture at Work	30/01/2024	12:00-01:00 PM	Auditorium/ MS Teams
Eng. Tasneem Al Alaradah Project Manager at National Contracting Company Kuwait	Guest Speaker	Electrical & Electronics Engineering	High Voltage Substations	13/02/2024	12:00-01:00 PM	Auditorium/ MS Teams
Dr. Ali Qubian TPL Senior) Specialist RE/ PE-EOR, Research & Technology- Exploration & Production) Kuwait (Oil Company (KOC	Guest Speaker	Petroleum Engineering	The Role of Tracers Technology in Reservoir Monitoring and Management	20/02/2024	12:00-01:00 PM	Auditorium/ MS Teams
Dr. Rodaina Aboul Hosn	CoE Faculty	Civil Engineering	AI Revolution in Geotechnical Engineering	27/02/2024	12:00-01:00 PM	Auditorium/ MS Team
Ms. Manuela Plizga Owner and operator of The Talk Box	Guest Speaker	Mathematics and Physics	How Do I Deal with Artificial Intelligent Replacing my Role in the Future	05/03/2024	12:00-01:00 PM	M.S. Teams
Eng. Noor Alsadi HSSE Manager – Sustainability Lead IHS Towers Kuwait	Guest Speaker	Electrical & Electronics Engineering	Fundamentals of an Engineers' Health, Safety, Security & Environment	26/03/2024	12:00-01:00 PM	Auditorium/ MS Team
Dr. Feras Al Zubi	CoE Faculty	Mathematics and Physics	Nanocoating on PV's	02/04/2024	12:00-01:00 PM	Auditorium/ MS Team
Eng. Ahmad Al-Harbi Petroleum Engineer 1 Fields Development Group (WK) KOC Eng. Batoul Asad Fields Development Group (WK) KOC	Guest Speakers	Petroleum Engineering	Exploring the Impact of Project Based Learning: Insights from the Oil & Gas Industry	16/04/2024	12:00-01:00 PM	Auditorium/ MS Team
Dr. Seham Ahmed El Saeed Engineering) Technical Manager, Product Development), Kirby Building	Guest Speaker	Civil Engineering	Strengthening for Existing Steel Members	23/04/2024	12:00-01:00 PM	Auditorium/ MS Team

Mechanical Engineering Department	1
Civil Engineering Department	2
Petroleum Engineering Department	2
Electrical Engineering Department	2
Mathematics & Physics Department	2
Total Seminars	9

ENG. DUHA AL KANDARI

"HEALTH & SAFETY CULTURE AT WORK"



"Health & Safety Culture at Work" seminar presented by the guest speaker Eng. Duha Al Kandari at the Australian University (AU) on Tuesday 30th of January 2024.



ENG. TASNEEM ALALARADAH

"HIGH VOLTAGE SUBSTATIONS"



"High Voltage Substations" seminar presented by the guest speaker Eng. Tasneem Al Alaradah at the Australian University (AU) on Tuesday 13th of February 2024



DR. ALI QUBIAN

"THE ROLE OF TRACERS TECHNOLOGY IN RESERVOIRS MONITORING AND MANAGEMENT"



"The Role of Tracers Technology in Reservoirs Monitoring And Management" seminar presented by the guest speaker Dr. Ali Qubian at the Australian University (AU) on Tuesday 20th of February 2024.



DR. RODAINA ABOUL HOSN
"AI REVOLUTION IN GEOTECHNICAL ENGINEERING"



"AI Revolution in Geotechnical Engineering" seminar presented by the Civil Engineering Department faculty member Dr. Rodaina Aboul Hosn at the Australian University (AU) on Tuesday 27th of February 2024.



MS. MANUELA PLIZGA

"HOW DO I DEAL WITH ARTIFICIAL INTELLIGENCE REPLACING MY ROLE IN THE FUTURE"



"How Do I Deal with Artificial Intelligence Replacing My Role in the Future" seminar presented by the guest speaker Ms. Manuela Plizga on the M.S Teams on Tuesday 5th of March 2024.

ENG. NOOR ALSADI

"FUNDAMENTALS OF AN ENGINEERS' HEALTH, SAFETY, SECURITY AND ENVIRONMENT"

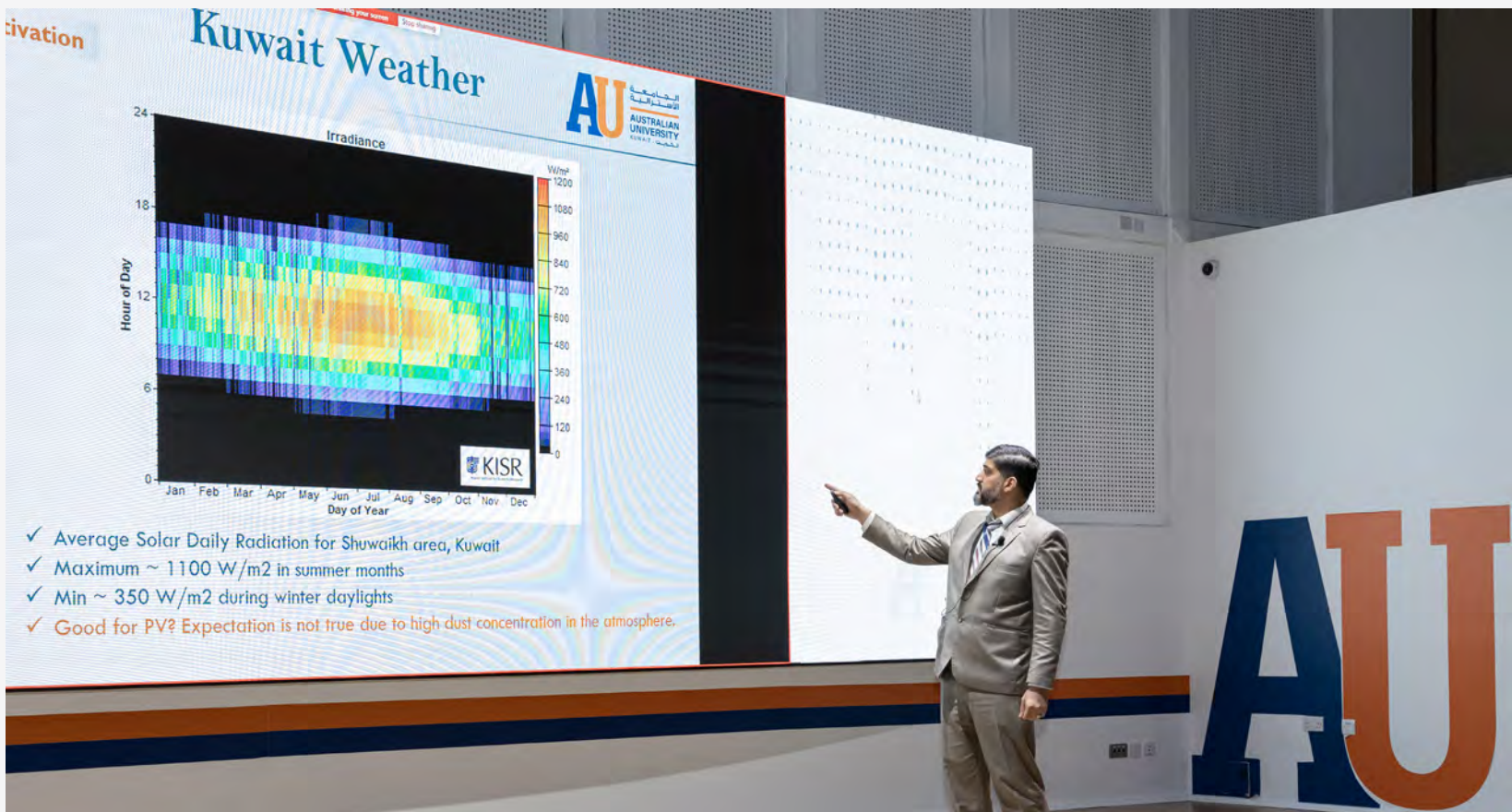


"Fundamentals of an Engineers' Health, Safety, Security and Environment" seminar presented by the guest speaker Eng. Noor Alsadi at the Australian University (AU) on Tuesday 26th of March 2024.



DR. FERAS ALZUBI

"NANOCOATING ON PV'S"



"Nanocoating on PV's" seminar presented by the Mathematics and Physics Department faculty member Dr. Feras Al Zubi at the Australian University (AU) on Tuesday 2nd of April 2024.



ENG. AHMAD AL-HARBI AND ENG. BATOUL ASAD

*"EXPLORING THE IMPACT OF PROJECT BASED LEARNING:
INSIGHTS FROM THE OIL & GAS INDUSTRY"*



"Exploring the Impact of Project Based Learning: Insights from the Oil & Gas Industry" seminar presented by the guest speakers Eng. Ahmad Al-Harbi and Eng. Batoul Asad at the Australian University (AU) on Tuesday 16th of April 2024.



DR. SEHAM ELSAEED

"STRENGTHENING FOR EXISTING STEEL MEMBERS"



"Strengthening for Existing Steel Members" seminar presented by the guest speaker Dr. Seham Ahmed El Saeed at the Australian University (AU) on Tuesday 23rd of April 2024.





COLLEGE OF ENGINEERING

*Meetings &
Training Sessions*



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SENIOR GRADUATE STUDENTS MEETING WITH KIPIC



On Monday 25th of September 2023, Dr. Suad Al Radhwan – Assistant Professor / Petroleum Engineering Department was invited by the Senior Process Engineer and Engineer from Research and Technology department from Kuwait Integrated Petroleum Industries Company (KIPIC) for a meeting with a group of Petroleum engineering senior students.

The objective of the meeting was to brief the students of the senior project on the Crude Distillation units (CDUs), operating parameters and its operation of processing different types of crude.

The students gained important information about KIPIC (CDUs), current operation and its crude blend. The students were able to kick off the work of their senior project utilizing the information provided during the presentation and through e-mail post meeting.

Dr. Suad requested from KIPIC representatives to arrange for a trip for the students to visit (CDUs) and see its actual operation to understand the unit operation further.

SENIOR GRADUATE STUDENTS FIRST MEETING WITH KISR

On Wednesday 27th of September 2023, Dr. Suad Al Radhwan – Assistant Professor / Petroleum Engineering Department was invited from Kuwait Institute for Scientific Research (KISR) the Director of the Petroleum Center Dr. Dawood Bahzad, Manager of the Pilot Plant center Dr. Hamza Al Bazzaz, Engineer Fahad Al Enezi and the Lab Technician Mr. Shibu Jose with a group of Petroleum engineering senior students for a meeting.



The meeting's objective was to brief KISR about the project topic of the senior graduate students. Also, about the activities that the students require to carry it out at KISR Ahmadi Center such as conducting analysis for the several types of crude at KISR Laboratory. Also, to utilize the KISR Pilot Plant of Crude Distillation tower once they develop the mathematical model.



The meeting was important for the students to understand the available laboratory equipment and pilot plants. Post the meeting, KIST took Australian University (AU) participants on a tour through their different labs where students learned the objective of each lab and its equipment.



KGOC PRESENTATION DURING PROJECT BASED LEARNING (PBL) SESSION

On Tuesday 3rd of October 2023, Eng. Khaled Hantoush – Instructor / Petroleum Engineering Department invited Eng. Meshary Al- Muniakh, who is an Engineer at the Asset Management Team at the Kuwait Gulf Oil Company (KGOC) to one of the Project Based Learning (PBL) sessions.

Eng. Meshary presented and explained to the students about the “Mechanism of Electrical Submersible Pumps and Sucker Rod Pumps Technologies”.



SENIOR GRADUATE STUDENTS VISIT TO KIPIC ALZOUR REFINERY

On Monday 23rd of October 2023, Kuwait Integrated Petroleum Industries Company (KIPIC) invited Dr. Suad Al Radhwan – Assistant Professor / Petroleum Engineering Department and a group of Petroleum engineering senior students to visit the Crude Distillation Units (CDUs).



The Process Engineer of KIPIC briefed the students about the sections of the CDUs, challenges, mode of operations and units' parameters. The students visited the Centralized Control Room where Operators explained further about the CDU operations through Workstation and Graphs displays.



The visit was followed by a fruitful meeting to clarify and assist the students to carry out their project smoothly.



SENIOR GRADUATE STUDENTS SECOND MEETING WITH KISR

On Monday 13th of November 2023, Dr. Suad Al Radhwan – Assistant Professor / Petroleum Engineering Department accompanied with a group of Petroleum engineering senior students met for the second time with the Kuwait Institute for Scientific Research (KISR) the Director of the Petroleum Center Dr. Dawood Bahzad, Manager of the Pilot Plant center Dr. Hamza Al Bazzaz, and Engineer Fahad Al Enezi.



The objective of the meeting is to discuss the availability of the Pilot Plant to carry out the test. The test is based on the algorithm model the students developed. The meeting was concluded that further runs to be carried out by the students in the mathematical method targeting maximum profit. The participants agreed to utilize the 150 Liters Pilot plant and not the 500 liters to achieve a better accurate result.

KISR advised that each run will take minimum of one week to run, clean and purge the system before using it for other run.

PETROLEUM FRESH GRADUATES INTERNSHIP ORIENTATION SESSION

Petroleum engineering fresh graduates and faculty members attended on Monday 15th January 2024 a one-hour internship orientation session delivered by members of the Eastern United Petroleum Services (EUPS).



The graduates were given a comprehensive overview of EUPS services and a briefing of the oil and gas industry in Kuwait. The EUPS also informed the students of a one-month internship opportunity commencing in February 2024 and that would give them a chance to be hired based on their performance.

SENIOR GRADUATE STUDENTS VISIT TO KIPIC ALZOUR REFINERY

On Monday 22nd of January 2024, Dr. Suad Al Radhwan Assistant Professor / Petroleum Engineering Department accompaniment with a group of Petroleum engineering senior students visited KIPIC Al Zour Refinery for the project titled "Study of PV Implementation at KIPIC premises"

The students met with the "Research & Technology Division" headed by their Team Leader. KIPIC gave a brief presentation about KIPIC businesses and the R&T department.



AU students meeting with the Team Leader and engineers from R&T

Dr Suad Al Radhwan briefed KIPIC about the scope of the study and the data required from KIPIC to commence the study.



AU students visiting the multi floor car parking

Finally, the students visited several places such as rooftops of KIPIC non-operating buildings, open areas, and car parking areas to identify the potential areas for PV installment.



AU students taking areas measurements for rooftops

AU students met with the Manager Technical Services of Al Zour Refinery where he welcomed the team and emphasized the importance of the study for both KIPIC and the AU students as a win-win situation.



AU students meeting with the Manager Technical Services Al Zour Refinery

SENIOR GRADUATE STUDENTS VISIT TO EPSCO TIRE RECYCLING COMPANY

On Wednesday 31st of January 2024, Dr. Rana Malhas Assistant Professor / Petroleum Engineering Department accompaniment with a group of Petroleum engineering senior students visited EPSCO tire recycling company.

During the factory tour, Eng. Mohammed Mustafa and Eng. Zyad Malhas explained to the students the tire recycling process in detail. The students had the chance to create personalized flooring tiles and were provided with samples of rubber granules and TDF for their senior project.



PETROLEUM ENGINEERING STUDENTS ATTENDING IPTC EDUCATION WEEK

The International Petroleum Technology Conference (IPTC) 2024 took place from 10th – 14th February 2024 in Dhahran, Saudi Arabia. The Conference offered a pivotal platform for enriching academic journey and professional outlook as a Petroleum Engineering student.



Our group of Petroleum Engineering students participated in the event based on academic merit by Dr. Seyed Mehdi Alizadeh – Assistant Professor of Petroleum Engineering Department (AU SPE chapter adviser) and Dr. Mortadha AlSaba – Associate Professor/Head of Petroleum Engineering Department.



The event promised an immersive experience into the petroleum industry's evolving landscape, networking opportunities, and insights into cutting-edge technological advancements.



The primary aim of attending IPTC 2024 was to deepen the students understanding of petroleum engineering, forge meaningful connections with industry professionals, and explore the latest innovations and operational practices within the sector.



SENIOR GRADUATE STUDENTS VISIT TO KISR

On Thursday 22nd of February 2024, Dr. Suad Al Radhwan Assistant Professor / Petroleum Engineering Department accompaniment with a group of Petroleum engineering senior students visited Kuwait Institute for Scientific Research (KISR) – Renewable Energy Department. The purpose of the meeting was to obtain software programs.



KISR gave the students the accounts and required software programs they need to do their project. KISR went through different software programs to explain their features to the students.

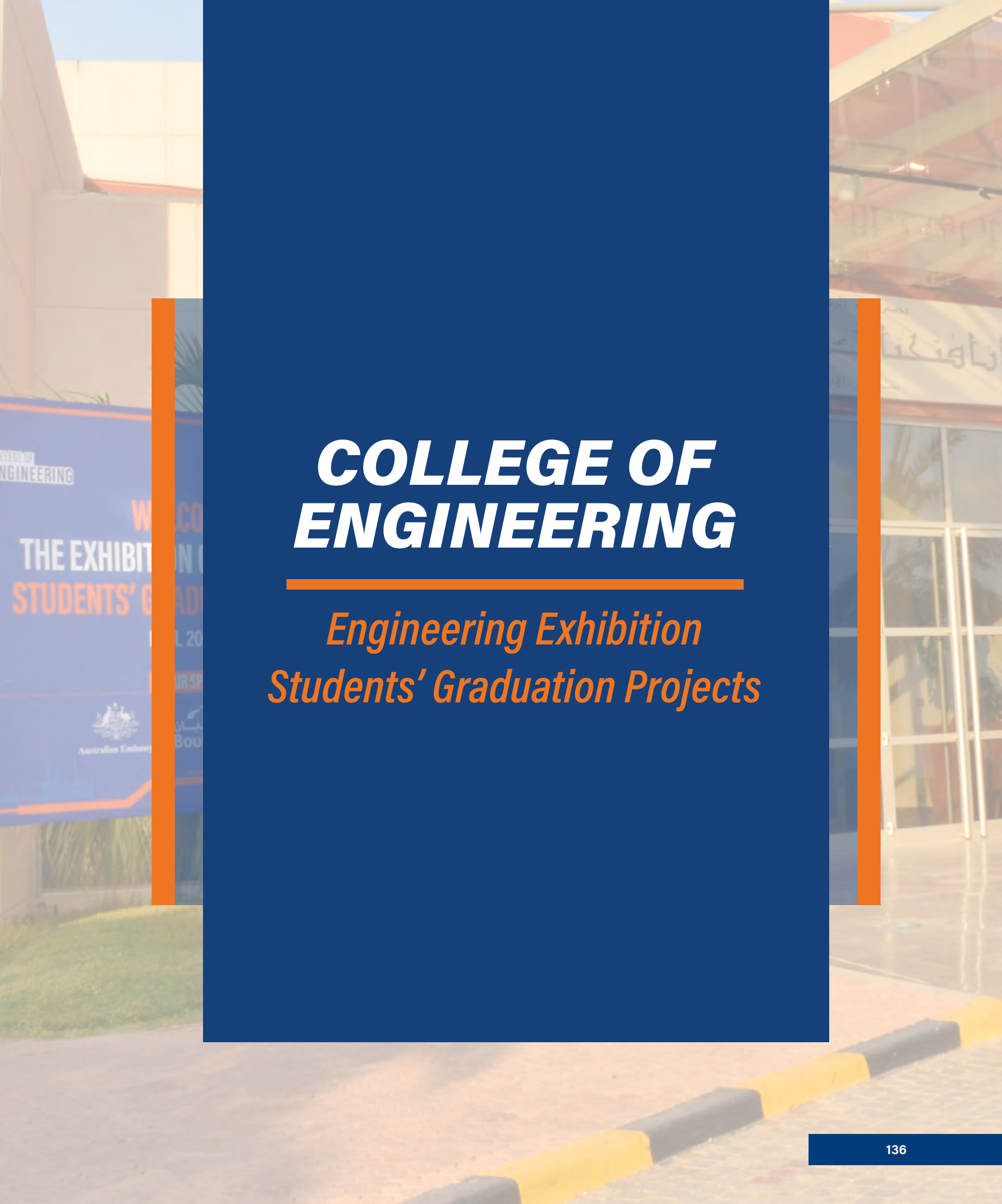


SENIOR GRADUATE STUDENTS MEETING WITH KISR

On Wednesday 6th of March 2024, Dr Suad Assistant Professor / Petroleum Engineering Department accompaniment with a group of Petroleum engineering senior students attended a meeting with Kuwait Institute for Scientific Research (KISR) – Renewable Energy Department.

The meeting's purpose was to obtain and have access to the second software program required to plug in the 3D model developed by the students under Sketchup Software. KISR also checked the progress of the project developed by the students.





COLLEGE OF ENGINEERING

***Engineering Exhibition
Students' Graduation Projects***

EXHIBITION OF ENGINEERING STUDENTS' GRADUATION PROJECTS



The Students' Graduation Projects Exhibition at the Australian University is a significant event as it celebrates the students' remarkable journey through the College of Engineering. The students have faced complex challenges and brought innovative projects to execution, demonstrating determination, exceptional ability, and hard work.

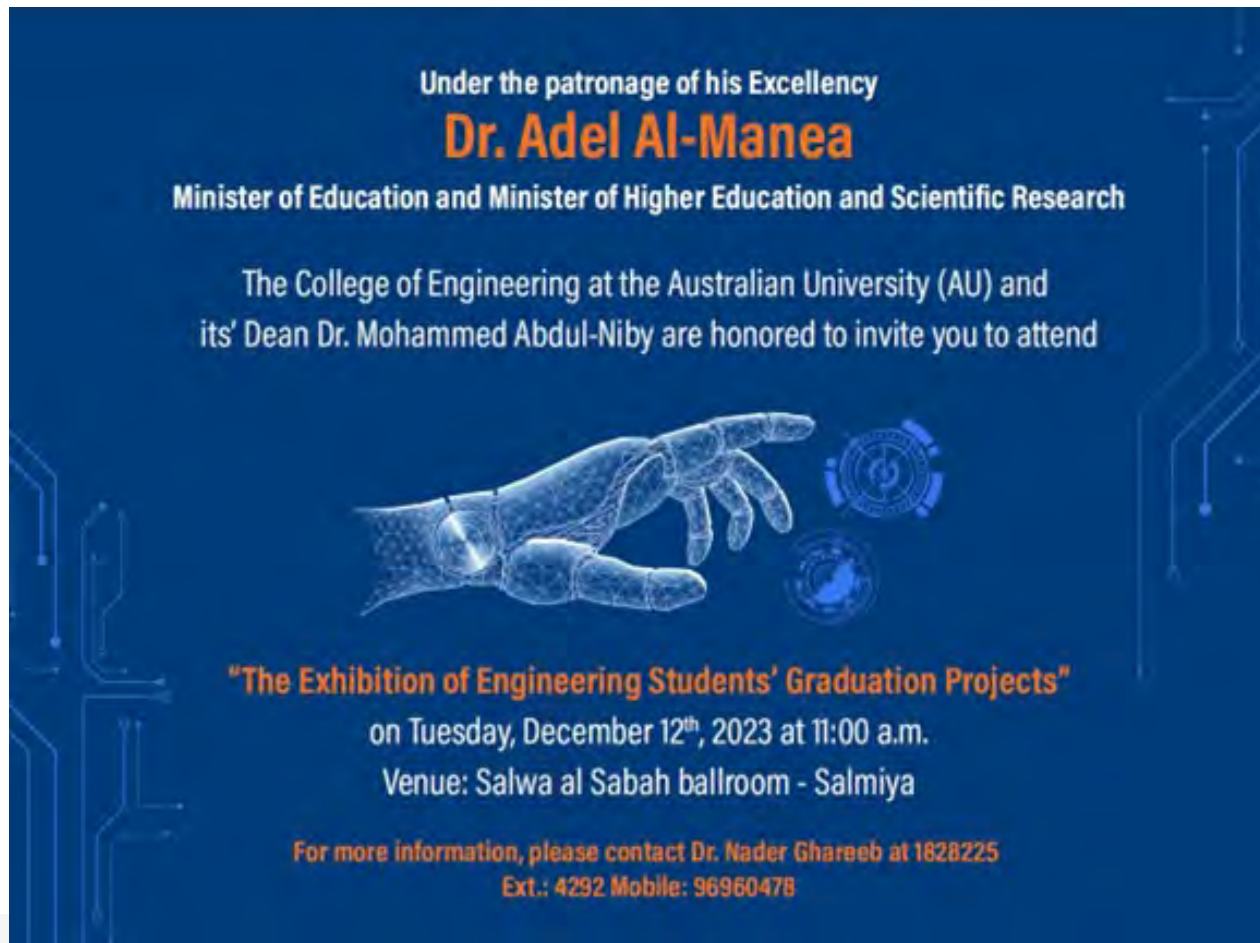
EVENT COORDINATOR:

Dr. Nader Ghareeb - Assistant Professor
Mechanical Engineering Department

EVENT ASSISTANT:

Ms. Heba Kobaissi - Senior Officer
Academic Administration
Mechanical Engineering Department





Fall 2023-2024:

For Fall 2023, the Exhibition of Engineering Students' Projects at the Australian University took place on December 12th, 2023, at Salwa Al Sabah Ballroom in Salmiya, under the patronage of his excellency Dr. Adel-Al Manea, Minister of Education and Minister of Higher Education and Research represented by Eng. Adel al Badr, the General Secretary of the Private Universities Council in Kuwait.

This distinguished event marks a significant milestone in the academic journey of our graduating students. It's always a testament to the countless hours of dedication and unwavering passion that they have poured into their projects which demonstrate their ability to solve complex problems and create meaningful contributions to their chosen disciplines.

The students displayed an overall of twenty-two graduation projects from different engineering disciplines. However, and due to the growing importance of artificial intelligence (AI) in various engineering domains, a substantial portion of the graduation projects revolved around the field of AI.

Special thanks to the sponsors, KAMCO Invest and Bank Boubyan for their support and generous contributions.

OPENING CEREMONY AND RIBBON CUTTING





EXHIBITION TOUR













**WINNERS ANNOUNCEMENT -
COLLEGE OF ENGINEERING**



Civil Engineering Department



Electrical & Electronics Engineering Department

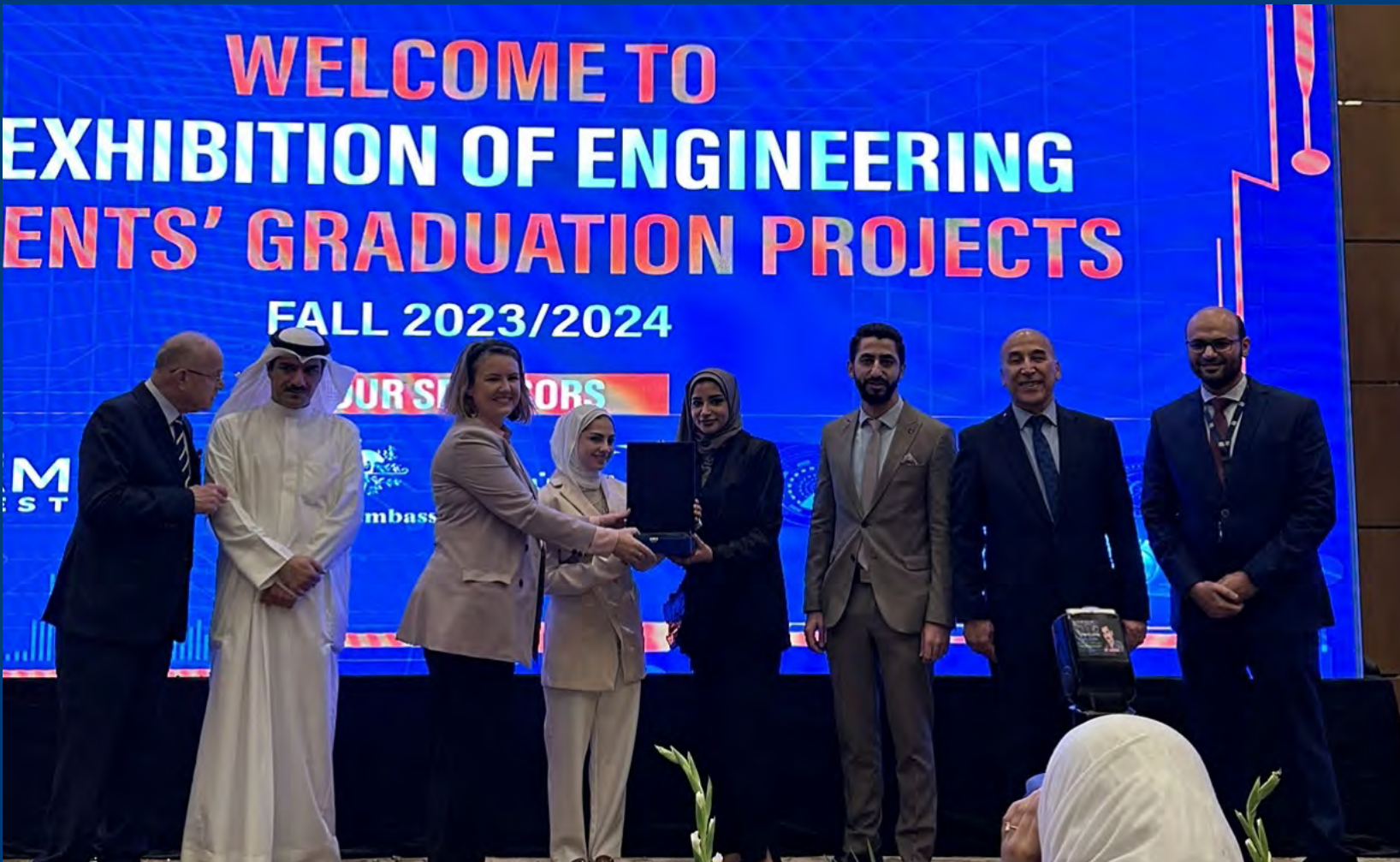


Mechanical Engineering Department



Petroleum Engineering Department

**WINNERS ANNOUNCEMENT - AUSTRALIAN
EMBASSY VOTED PROJECT**



PUBLIC FAVORITE VOTED PROJECT



Projects Evaluation Process:

Internal evaluators from AU and external evaluators from industry were invited to evaluate the displayed projects during the Graduation Projects Exhibition. The evaluation was conducted by filling electronically in an evaluation sheet shared by email with each assessor. The evaluation process of each project considered the following criteria:

- 1) **Originality/ability to create new knowledge**
- 2) **Project aims and objectives**
- 3) **Project outcomes and findings**
- 4) **Significance and relevance to Kuwait economy/industry**
- 5) **Presentation Quality (e.g., video, abstract...)**

Sponsors:

Funding body	Allocation
Bank Boubyan	1000 KWD
KAMCO Invest	1500 KWD

A list of the evaluators is presented below:

Petroleum			
No.	Name	Title	Company
1	Ahmad Al Otaibi	Director of Strategies	Burgan Drilling
2	Farah Ashour	Drilling Engineer	Baker Hughes
3	Amal Al Jarki	Drilling Engineer	Baker Hughes
4	Mahmoud Hamdy Gobran	Geoscience and Log Interpretation Manager	Senergy Oilfield Solutions Company
5	Dr. Mohammed Omar	Assistant Professor	AU
6	Eng. Kingsley Amadi	Senior Instructor	AU
7	Eng. Mufazzal Kabuli	Senior Instructor	AU
Civil			
No.	Name	Title	Company
1	Dr. Seham Ahmed El Saeed	Engineering Technical Manager	Kirby Building Systems
2	AlMeqdad Mohammad	Structural and Civil Engineer	IHS Kuwait Limited
3	Dr. Zafer Sakka	Research Scientist	KISR
4	Abdulrahman Omar	Structural Engineer	Al Sadi Engineering Consultants
5	Fred Shuaibi	Vice President/Partner In-charge	KNDR Inc / ABCK (AMCHAM Kuwait)
6	Dr. Reza Soleimanpour	Assistant Professor	AU
7	Eng. Faisal Al-Otaibi	Instructor	AU
Electrical			
No.	Name	Title	Company
1	Khaled Awwad Ibrahim	Electrical Engineer	MPW
2	Hebah Abbas	Technical Consultant	Ministry of Education
3	Raafat Asim Al Bahidi	Electrical Engineer	Al Sadi Engineering Consultants
4	Abdullah Dubaisi	General Manager	National Contracting Company
5	Dr. Mohammad Farhat	Associate Professor	AU
6	Eng. Mohamad Zaki	Senior Instructor	AU
Mechanical			
No.	Name	Title	Company
1	Dr.M.Makendhrian	General Manager	TEXEL Engineering
2	Khalid Al-Zanki	Sr. Engineer Rotating Equipment	KIPIC
3	Essa Al-Qattan	Sr. Engineer Maintenance Planning	KIPIC
4	Ahmed Salah	Sr. Service Engineer	Chery Al Ghanim

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

7 Projects - Civil Engineering

4 Projects - Electrical & Electronics Engineering

7 Projects - Mechanical Engineering

4 Projects - Petroleum Engineering





Spring 2023-2024

For Spring 2024, the Exhibition of Engineering Students' Projects at the Australian University took place on May 1st, 2024, at Salwa Al Sabah ballroom in Salmiya, under the patronage of his excellency Dr. Adel Al-Adwani, Minister of Education and Minister of Higher Education and Research represented by his excellency, Engineer Adel Al Badr, the PUC general secretary.

The students displayed an overall of forty-four graduation projects from different engineering disciplines. The majority of the presented graduation projects were either related to artificial intelligence (AI), or an outcome of collaboration with leading industrial companies.

All the invited guests, proud parents and visitors were amazed at the innovation and creativity that was displayed by the students.

Special thanks to Bank Boubayan for sponsoring this event and for the continuous support.

OPENING CEREMONY AND RIBBON CUTTING





EXHIBITION TOUR











WINNERS ANNOUNCEMENT - COLLEGE OF ENGINEERING



Civil Engineering Department



Electrical & Electronics Engineering Department



Petroleum Engineering Department



Mechanical Engineering Department

WINNERS ANNOUNCEMENT - AUSTRALIAN EMBASSY VOTED PROJECT









Projects Evaluation Process:

Internal evaluators from AU and external evaluators from industry were invited to evaluate the displayed projects during the Graduation Projects Exhibition. The evaluation was conducted by filling electronically in an evaluation sheet shared by email with each assessor. The evaluation process of each project considered the following criteria:

- 6) **Originality/ability to create new knowledge**
- 7) **Project aims and objectives**
- 8) **Project outcomes and findings**
- 9) **Significance and relevance to Kuwait economy/industry**
- 10) **Presentation Quality (e.g., video, abstract...)]**

Sponsors:

Funding body	Allocation
Bank Boubayan	2000 KWD

A list of the evaluators is presented below:

Petroleum			
No.	Name	Title	Company
1	Ahmad Al Harbi	Petroleum Engineer I	Kuwait Oil Company (KOC)
2	Ahmad Al Otaibi	Director of Strategies	Burgan Drilling
3	Badr Eddine Bendris	Sales & Technical Integration Manager	Eastern United Petroleum Services (EUPS)
4	Essa Al-Qattan	Sr. Engineer, Maintenance Planning	KIPIC
5	Mufazzal S. Kabuli	Senior Instructor - Petroleum Engineering	Australian University
6	Kingsley Amadi	Senior Instructor - Petroleum Engineering	Australian University
Civil			
No.	Name	Title	Company
1	AlMegdad Mohammad	Structural and Civil Engineer	IHS Kuwait Limited
2	Dr. Umair Farooq	Senior Project Manager	WTE Wassertechnik GmbH, Kuwait Branch
3	Dr. Wagdy Said	Production Manager	Aquasan Gulf Shores Company
5	Dr. Taha Ahmed	Associate Professor - Civil Engineering	Australian University
6	Dr. Rodaina Aboul Hosn	Assistant Professor - Civil Engineering	Australian University
Electrical			
No.	Name	Title	Company
1	Hebah Abbas	Technical Consultant	Ministry of Education
2	Sara Neim	Project Manager	Hitachi Energy
3	Hussain Hamdan	Electrical Engineer	IHS Kuwait
4	Mohamed Motawea	Electrical Engineer	IHS Kuwait
5	Abdullah Abu Seido	Electrical Engineer	IHS Kuwait
6	Mohammad Saif Al-Ajmi	Sr. Engineer, Electrical Maintenance	KIPIC
7	Dr. Michel Nahas	Assistant Professor - Electrical and Electronics Engineering	Australian University
Mechanical			
No.	Name	Title	Company
1	Abdulaziz Alshoail	Kuwait Sales Director	NOV Energy Products and Services
2	Ahmed Abu Omar	Project Manager	Veolia
3	Jacob Abraham	ESP Engineer	Veolia
4	Mohammed Hamdi	Mechanical Engineer	Veolia
5	Mohammad Aljundub	CO-Founder & CTO	Kuwait Innovation Center
6	Abdulrahman Al-Awadhi	Acting Senior Controller, Business Improvement Processes	KAFCO
7	Khaled Bushaiba	Engineer, Ino Plane	KAFCO

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

14 Projects – Civil Engineering

7 Projects – Electrical & Electronics Engineering

14 Projects – Mechanical Engineering

9 Projects – Petroleum Engineering



The background of the page is a photograph of an awards ceremony. On the left, a woman with blonde hair and glasses, wearing a tan blouse and grey trousers, holds a blue folder. On the right, a woman wearing a white hijab and a blue traditional-style top holds a blue award box. The lower portion of the image shows the legs and feet of several people standing on a stage. A large, solid blue rectangle is overlaid in the center of the page, containing the title text. Two vertical orange bars are positioned on either side of the blue rectangle.

COLLEGE OF ENGINEERING

Teaching Excellence Awards

TEACHING EXCELLENCE AWARDS

The Teaching Excellence Award 2022/2023 was delivered on Wednesday 11th of October 2023, 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.

NOMINATED COLLEGE OF ENGINEERING FACULTY MEMBERS ARE AS FOLLOWS:



**Prof. Ahmad Sedaghat – Professor
Mechanical Engineering Department**



**Dr. Majdi Al Omari – Associate Professor
Electrical and Electronics Engineering Department**



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



**Dr. Rasha Al Jamal - Assistant Professor
Mathematics and Physics Department**



**Dr. Reza Soleimanpour - Assistant Professor
Civil Engineering Department**



COLLEGE OF ENGINEERING

***AU's COE Long-Service
Awards***

AU'S COE LONG-SERVICES AWARDS

The Australian University (AU) awarded some of the College of Engineering employees with long-service awards during the annual staff dinner on Wednesday, 11th of October 2023.



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



**Dr. Sadeq Damrah - Assistant Professor
Mathematics and Physics Department**



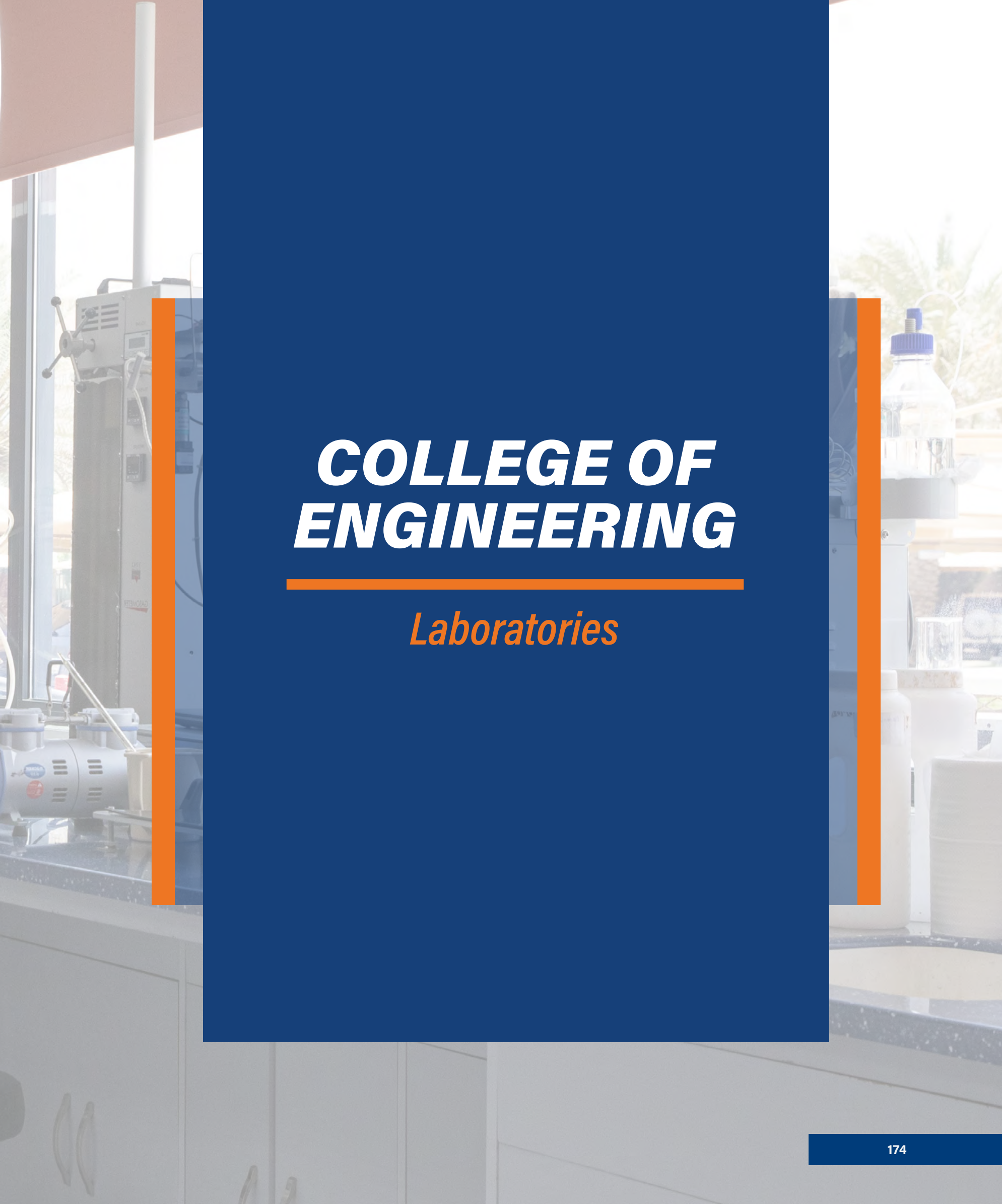
**Eng. Enayat Enaya - Senior Instructor
Mathematics and Physics Department**



**Eng. Fahad Abu Mallouh - Senior Instructor
Petroleum Engineering Department**



**Eng. Mufazzal Kabuli - Senior Instructor
Petroleum Engineering Department**



COLLEGE OF ENGINEERING

Laboratories

COLLEGE OF ENGINEERING LABORATORIES



Dr. Michel Nahas

Manager - Laboratory
Assistant Professor - Electrical and
Electronics Engineering

Engineering labs at AU remained a lively center for innovation and exploration. These facilities have played a pivotal role in shaping the educational journey of engineering students, providing them with invaluable hands-on experiences and fostering a deep understanding of complex theoretical concepts. The labs have been instrumental in allowing students to apply their knowledge in real-world scenarios, encouraging creativity, problem-solving, and critical thinking. As a result, students have been able to not only grasp theoretical principles but also gain practical skills that will serve them well in their future careers.

The engineering labs played a crucial role in supporting various student projects throughout the academic year. These activities were designed to foster creativity, problem-solving, and teamwork among students. The projects included Project-Based Learning and Graduation Projects, and the labs offered consistent

assistance and support to ensure successful project outcomes. A diverse array of activities and innovative initiatives unfolded, marking significant milestones, groundbreaking events, and impactful collaborative ventures that have profoundly influenced and enriched our engineering community. We are immensely grateful to the dedicated lab engineers, skilled technicians, and various departments at AU whose collective efforts and expertise have been instrumental in realizing these remarkable achievements.

Adhering to health and safety rules in our engineering laboratories is crucial to prevent accidents and ensure the well-being of all stakeholders. At AU labs, we have implemented a well-planned safety culture to ensure a safe working environment. By following established health and safety protocols, our students, engineers, and researchers can minimize the risks associated with experimental equipment and material handling. Moreover, strict compliance with health and safety protocols fosters a culture of responsibility and awareness among our students, essential for their future professional practices. By prioritizing safety, our engineering laboratories not only protect individuals from harm but also ensure that experiments and projects can proceed without disruptions, thereby maintaining the continuity and quality of research and educational activities.





We are currently planning and implementing expansions to our laboratories, including the construction of new facilities. This comprehensive project involves multiple phases, beginning with a thorough assessment of current and future needs to ensure that the new spaces will effectively support our educational objectives. Detailed architectural plans have been developed to accommodate state-of-the-art laboratories equipped with advanced technology and specialized equipment. The new facilities will include designated areas for various engineering disciplines, designed to foster interdisciplinary collaboration and innovation.

Multiple meetings were held within each engineering department to create a comprehensive list of furniture and equipment needed for the new laboratories. These meetings provided a collaborative environment for faculty, lab engineers, and lab technicians to discuss and prioritize their requirements based on their current and future activities. By gathering detailed input from various stakeholders, we can ensure that the laboratories are equipped with the necessary tools, from advanced machinery and specialized instruments to ergonomic workstations and safety equipment. This inclusive approach has helped create a well-rounded, functional, and efficient laboratory setup that supports cutting-edge equipment to enhance the educational experience for students. These meetings also helped address logistical challenges, budget constraints, and future scalability considerations, ensuring a smooth implementation process.

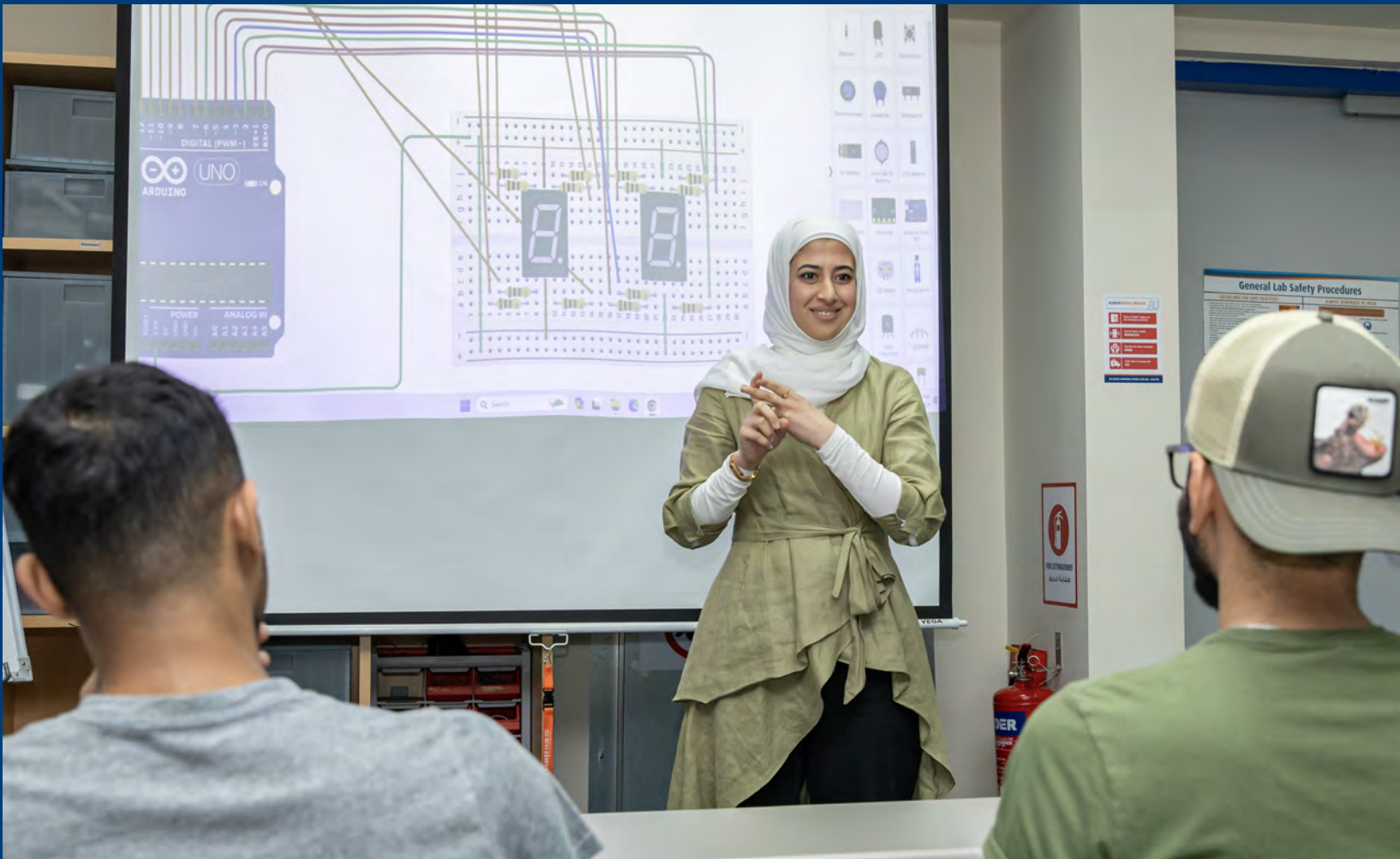
As part of our laboratory expansion project, we recently held a series of meetings with our trusted suppliers and vendors to discuss the upgrade and procurement of new equipment. Our team, comprising representatives from various engineering departments, met with suppliers to identify the most suitable solutions for our specific needs. Moreover, we focused on upgrading our existing equipment to ensure that it meets the latest industry standards and regulations, while also exploring new technologies that can enhance our teaching capabilities. These meetings provided us with an opportunity to sustain relationships with our suppliers and discuss specific requirements and challenges. Through close collaboration with our suppliers, we aim to guarantee the smooth integration of new equipment into our lab's infrastructure, thereby reducing downtime and minimizing disruption to our teaching and lab activities.

CIVIL ENGINEERING LABS





ELECTRICAL AND ELECTRONICS ENGINEERING LABS





MECHANICAL ENGINEERING LABS





PETROLEUM ENGINEERING LABS





MATHEMATICS & PHYSICS LABS





COLLEGE OF ENGINEERING WORKSHOP



Dr. Nader Ghareeb
Manager of CoE Workshop
Assistant Professor – Mechanical
Engineering Dept.

The main objective of the CoE Workshop is to provide students with practical skills, hands-on experience and the required knowledge in engineering-related fields. It covers a wide range of topics adapted to different levels of expertise. Those could range from introductory workshops about workshop safety procedures and hand tools, to more advanced workshops that include welding, grinding, etc.

CoE Workshop Achievements:

- Planned, organized and coordinated the day-to-day operation of the workshop.
- Provided certified training on using the available SUPERTIG-250 TIG welding machines to weld stainless steel and aluminum.
- Introduced the workshop and its activities to schools' students who visited the AU.
- Provided welding demos to students from the School of Aviation.
- Used the CNC turning and CNC milling machines to produce the testing specimen for students.
- Delivered quality mechanical services to research staff and students.
- Ensured that all workshop operations are aligned with AU regulations and policies.
- Provided a safe place to work by maintaining a critical focus on safety and environmental management issues, and ensuring that all workshop safety and health policies, procedures and regulations are followed.

A demonstration of some of the above-mentioned achievements is presented in the next sections.

TIG Welding Training:

On Thursday 30th of November 2023, Al-Abdul Razzak & Co. arranged training for the workshop and facilities technicians on using the TIG welding machines to weld Aluminum and Stainless steel. The training was intended for teaching the workshop technicians the needed skills to use both available TELWIN SUPERTIG-250 machines available in AU. An Italian trainer, who belongs to TELWIN, the welding machines' manufacturer, came to Kuwait and gave this training.

As for the training itself, it was divided into two sessions: In the first session between 09:30-12:00, stainless steel welding techniques were presented. The technicians practiced on stainless steel sheets with different thicknesses.



As for the second session between 12:30-14:30, aluminum and copper welding techniques were presented. The session was concluded by checking the acquainted skills of the workshop technicians in welding such materials.



After successfully completing the TIG welding certificate, the workshop technicians received their certificated from the Dean of College of Engineering, Dr. Mohammed Abdul-Niby.





COE WORKSHOP TO SCHOOLS' STUDENTS

During the semester, students from different local schools visited the AU premises and checked the available facilities. During their tour, the students passed by the AU workshop and received a short overview of the AU workshop activities. At the beginning, Dr. Nader Ghareeb, the workshop manager, introduced the safety measures that are taken inside the workshop. Then, the visiting students learned about the available hand tools and their function. At the end of the tour, Dr. Nader Ghareeb showed the students the welding bay, introduced the available welding machines, their working principles and the types of material that can be welded.

Welding Demos provided to students from the School of Aviation at AU:

At different time slots, the CoE workshop provided welding demos to students at the school of aviation. Each welding demo started by introducing the safety precautions and followed by giving a brief overview about the welding process and the type and function of the available welding machines inside the welding bay.





Workshop classes to CoE students:

Recently, and according to the new curriculum, students from all engineering disciplines started taking the course MECH100 – Workshop I. In this course, students learn first about safety precautions. Then, they get familiar with using simple measuring devices and other hand-tools.

In addition, students learn how to use simple machines including grinders and drilling machines. All those activities are done under the supervision of the instructor and the workshop technician(s). Even for some Project based learning (PBL) courses, the CoE workshop constructed and provided the testing rig for the students to test their projects, and for the instructors to evaluate them.





Summary:

The CoE Workshop with continue providing its facilities and the expertise of its staff to all engineering students and staff and offer them all possible support to complete the requirements of their courses and/or graduation and research projects in a safe working environment.



COLLEGE OF ENGINEERING

***Project Based Learning
(PBL) Center***



Dr. Ehab Bani Hani

Manager - Project Based Learning (PBL) Center
Associate Professor – Mechanical Engineering Department
CPEng – Mechanical Engineering

The mission of the PBL Center is to:

- Foster a PBL model for the socio-cultural context of the Middle East region.
- Develop and implement an effective PBL environment for College of Engineering (CoE) - Australian University (AU-Kuwait) students.
- Train, coach, and advise PBL facilitators.
- Provide an internal and external representation of the PBL approach at AU-Kuwait.

1. PBL Principles:

The six learning principles of the PBL model applied in the CoE can be summarized as follows:

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

2. PBL Center Journey in 2023/2024:

This year, the PBL Center embarked on a journey of innovation and collaboration, striving to integrate Artificial Intelligence (AI) seamlessly into student projects across various PBL courses within the College of Engineering. The PBL Center team facilitated the installation of many AI software applications in the library and various labs and classrooms across AU's campus, empowering students with cutting-edge tools for their projects. Recognizing the transformative potential of AI, the PBL Center also supported the installation of servers designed for certain AI initiatives, enhancing the educational process, and encouraging in-depth research for students and PBL Facilitators in AU.

2.1. Artificial Intelligence (AI) Initiatives:

At the PBL Center, our commitment to innovation knows no bounds. We always seek out new opportunities to integrate Artificial Intelligence (AI) seamlessly into student projects across the different PBL courses within the College of Engineering. By staying at the forefront of technological advancements, we empower students to harness the transformative potential of AI in their academic pursuits. Our dedicated team keeps exploring novel initiatives and cutting-edge solutions, ensuring that our students receive a comprehensive education that prepares them to thrive in an increasingly AI-driven world. Through ongoing research, collaboration, and adaptation, the PBL Center remains steadfast in its mission to provide students with the tools and resources they need to excel in their academic and professional endeavors.

Approximately 26% of the projects in the College of Engineering in the different PBL courses are related to AI. Below is a pie chart illustrating the distribution of graduation projects related to AI across departments in the College of Engineering. The percentage is expected to increase in the coming semester as result of more AI tools installation and better connections with industry.

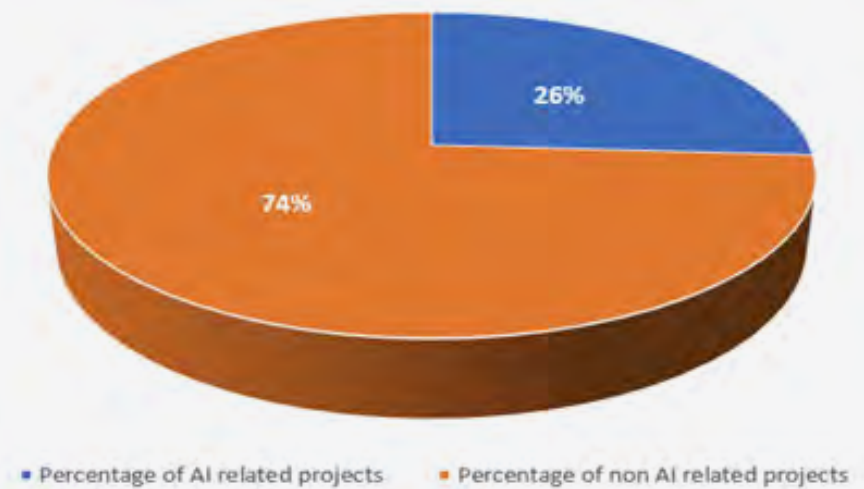


Fig. 1: Percentage of AI related projects to total projects in CoE, Spring 2024.

2.2. PBL Professional Development:

Dedicated and adequately trained learning facilitators are at the core of any effective PBL model. The PBL Center encouraged the PBL Facilitator to participate in Professional Development (PD) opportunities. In addition to the external training, internal training for faculty members new to PBL was delivered at the beginning of each semester. Continuous coaching and advising were provided by the PBL Center to learning facilitators and students throughout the academic year.



Fig. 2: Staff orientation in CoE, Fall 2023 - 2024.

3. 3D Printing Services:

At the PBL Center, we believe in providing innovative solutions to enhance learning and research experiences. As part of our commitment to fostering creativity and exploration, we offer state-of-the-art 3D printing services. Whether students are working on projects or faculty members are conducting research activities, our 3D printing capabilities provide invaluable support. From bringing conceptual designs to life to creating prototypes for experimentation, our advanced technology empowers individuals to turn ideas into reality. With access to cutting-edge equipment and expert guidance.



Fig. 3: Students utilizing 3D printing for PBL projects, Fall 2023 - 2024.

4. PBL Collaboration with Industry:

The PBL Center started several industrial collaborations and organized enriching field trips, providing students with real-world exposure and invaluable hands-on experiences. As part of a global initiative, the PBL Center initiated new partnerships with esteemed institutions such as Aalborg University in Denmark and UNESCO, broadening horizons and facilitating cross-cultural exchange. Furthermore, to support the creative endeavors of both students and faculty members, the PBL Center extended its services by offering 3D printing facilities for project prototypes and research purposes, reinforcing its commitment to nurturing innovation and excellence. As we look back on a year marked by progress and collaboration, we celebrate the PBL Center's unwavering dedication to enriching the educational landscape and empowering future engineers.

The PBL Center organized several enriching experiences aimed at bridging the gap between academia and industry. Through a strategic focus on hands-on learning, the Center organized numerous field trips, immersing students in real-world environments to apply theoretical knowledge to practical scenarios. Furthermore, the Center established significant collaborations with industry partners, emphasizing the importance of hands-on experience in shaping well-rounded engineers. These collaborations took many different forms, including seminars delivered by industry experts, insightful field visits to industrial facilities, and engaging meetings facilitating dialogue and knowledge exchange. By fostering these valuable connections and experiences, the PBL Center remains steadfast in its commitment to preparing students for success in the dynamic landscape of engineering.



Fig. 4: Presenting and Meeting with VEOLIA -Kuwait, Spring 2023 - 2024.



Fig. 5: PBL- CoE committee members field visit and meeting with Kuwait Innovation Center, Fall 2023 - 2024.



Fig. 6: PBL- CoE committee members field visit and meeting with AQUASAN company, Spring 2023 - 2024.



Fig. 7: Presentation from NCC at AU auditorium about high voltage substations in collaboration with electrical and electronics engineering department and alumni and career placement center, Spring 2023 - 2024.

5. Participation in Conferences/Forums:

5.1. External conferences:

The CoE PBL center participated in the 6th MENA Higher Education Leadership Forum that was held in Dubai from 16-18th April 2024. The forum provides a dynamic platform for decision-makers and leaders of higher education from across the globe to discuss the latest trends, debate new ideas, meet colleagues, network, and establish future collaborations. preparing students for success in the dynamic landscape of engineering.



Fig. 8: AU-Kuwait case study presentation at the 6th MENA-Higer Education Leadership forum, Dubai, UAE, 16-18th April 2024.

It also invites other external stakeholders representing government, private and public sectors involved with higher education to be present and share their insights and input on how they can closely work with the higher education sector to support innovation, economic development, and the development of a new generation of youth.

The Forum is designed to empower participants to take an active role throughout the event and will feature several activities including keynote addresses by eminent international and regional speakers, interactive panel discussions, controversial debates, institutional best practices and case studies' presentations from around the world, focus groups, special meetings and a series of pre-Forum workshops. The PBL center participated in the pre-forum workshop with the theme of enhancing students' knowledge and experience. The forum was attended by Senior Administrators including Chancellors, Presidents, Vice Chancellors and Deans of Colleges, Members of governing bodies of Universities & Colleges, Higher Education Policy Makers., Representatives from Ministries of Higher Education, Accreditation Agencies, National Research Foundations, etc., Representatives from NGOs and IGOs concerned with Higher Education, and Researchers.

5.2. Internal conferences and forums:

PBL center represented the college of engineering in the 5th forum organized by the AU - Teaching and Learning (TLC) Center. The forum theme was Holistic approach towards Teaching & Learning: Pedagogical Explorations. This forum aimed to develop a holistic approach towards Teaching and Learning, that integrates academic, social, and human capital developmental aspects aiming to cultivate a well-rounded education system.



Fig. 9: PBL center participating in the Teaching and Learning Center event at AU, Spring 2023 -2024.

PBL center presented the PBL approach as a tool for skilling, reskilling, and upskilling the students to be competent for real life work challenges. PBL center shared some challenges the higher education will face and the chance to mitigate them by applying PBL approach as a solution. The forum provided students from different majors with the opportunity to present their projects and show their ideas. PBL also participated in this event with a group of students who showed their achievements in one of the PBL courses, engineering design and management planning which has mixed groups from civil engineering department and mechanical engineering department. In addition to graduation projects from college of engineering departments mechanical engineering and petroleum engineering where the group from petroleum engineering won third place in this competition.



Fig. 10: College of Engineering – Petroleum Engineering students win third place in the 5th TLC event at AU the annual teaching and learning exhibition, Spring 2023 -2024.

6. Students' Involvement and Participation in Competitions and Activities:

The PBL center encourages students to participate in national and international activities. The PBL center believes in synergy between different centers at the university, the Center through different levels of PBL courses participated in the event organized by the Center of Innovation and entrepreneurship – Lead your future. The event is organized twice a year where the students present their ideas through PBL courses.



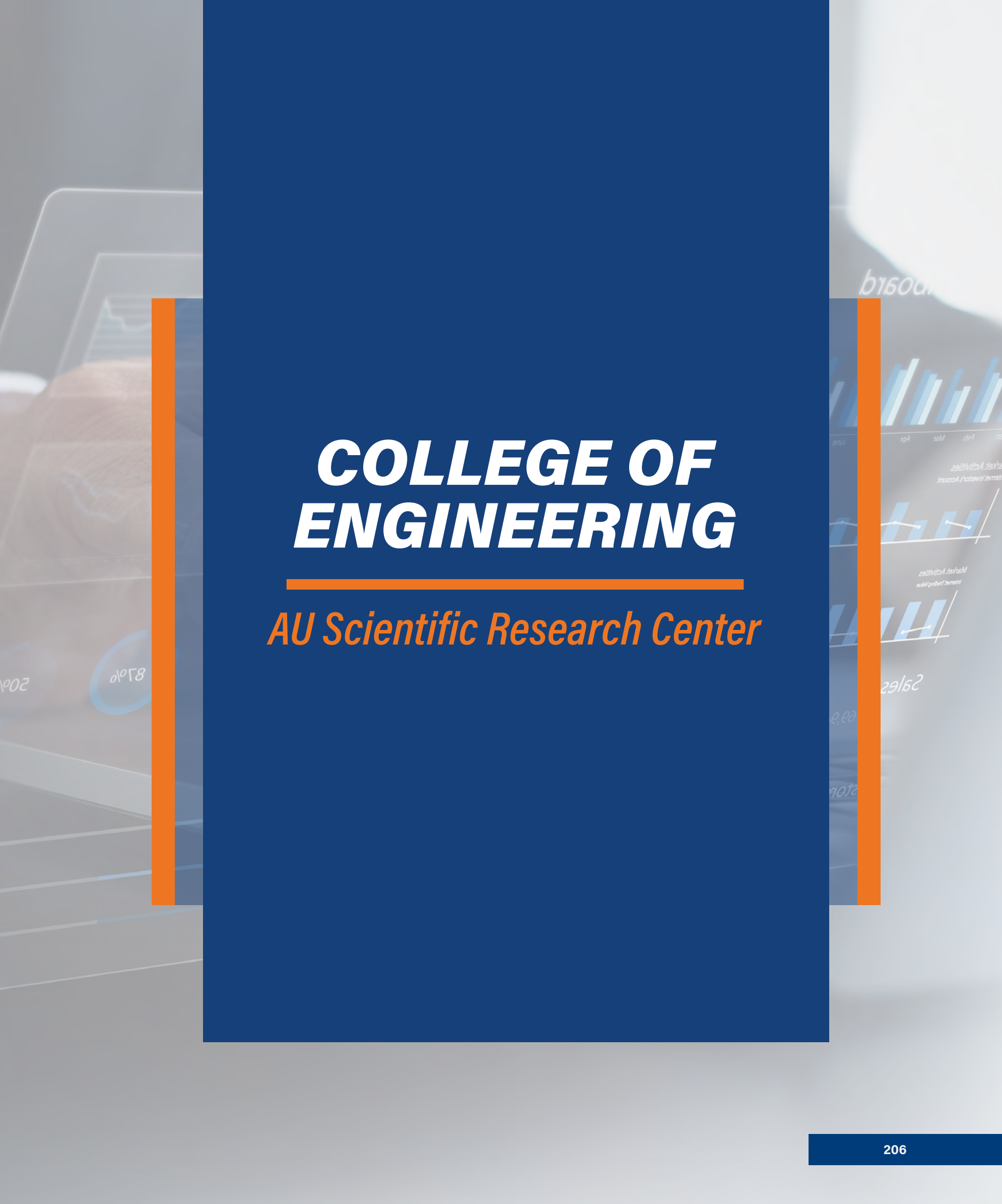
Fig. 11: College of Engineering - Mechanical / Electrical & Electronics Engineering students presenting their projects in PBL courses at the "Lead Your Future" event organized by the Innovation and Entrepreneurship Center at AU, Fall 2023 -2024.



Fig. 12: College of Engineering - Electrical & Electronics Engineering students presented their PBL course and win the first place in the "Lead Your Future" event organized by the innovation and entrepreneurship center at AU, Spring 2023 -2024.



Fig. 13: College of Engineering – PBL center interview explaining the student participation in the "Lead Your Future" organized by event the Innovation and Entrepreneurship Center at AU, Spring 2023 -2024.



COLLEGE OF ENGINEERING

AU Scientific Research Center



Dr. Khalil Mohamad Khanafer

Senior Manager – AU Scientific
Research Centre

RESEARCH AT AU

In recent years, AU has undergone a significant transformation in its approach to research. The university has restructured its strategy and governance framework to prioritize and integrate impactful research as a core function. AU has concentrated its research efforts on specific areas, including 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 facilitate knowledge exchange, the College of Engineering has actively developed national and international partnerships, enhancing its research capabilities through access to valuable resources and networks. Faculty members have engaged in joint research collaborations with international partners, while also broadening the university's research scope through collaborations with local funding institutions like KFAS. Internal grant schemes have been implemented to support multidisciplinary research projects addressing key national priorities, alongside incentive plans to encourage faculty members to conduct research and publish their findings in esteemed journals. AU boasts a diverse and highly qualified faculty comprising experts in various subject areas, enabling the university to produce graduates equipped to tackle industry challenges.

To align with Kuwait's National Development Plan, the Research Center is focused on establishing and maintaining applied research lines addressing priority areas outlined in the New Kuwait Vision 2035. This research is dedicated to tackling real-world issues through robust collaboration with industry partners. AU's research program aims to enhance the influence and effectiveness of research efforts, fostering interdisciplinary collaborations both within and beyond the university.

VISION AND MISSION

Vision

Our research vision is to enhance the profile of AU as a higher educational institution by contributing to the pursuit of original research aimed at extending the boundaries of applied knowledge.

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 (2023/2024)

AU is enthusiastic about contributing significantly to the advancement and enhancement of research and technology. The College of Engineering faculty members have consistently conducted research individually and collaboratively. In the academic year 2023/2024, they accomplished notable achievements, including the publication of 67 research works (comprising 39 journal papers and 28 conference papers) and receiving 4 KFAS grants and 3 AU internal grants, as depicted in Figure 1. Numerous peer-reviewed papers were published in esteemed Q-ranked journals, based on Scopus rankings.

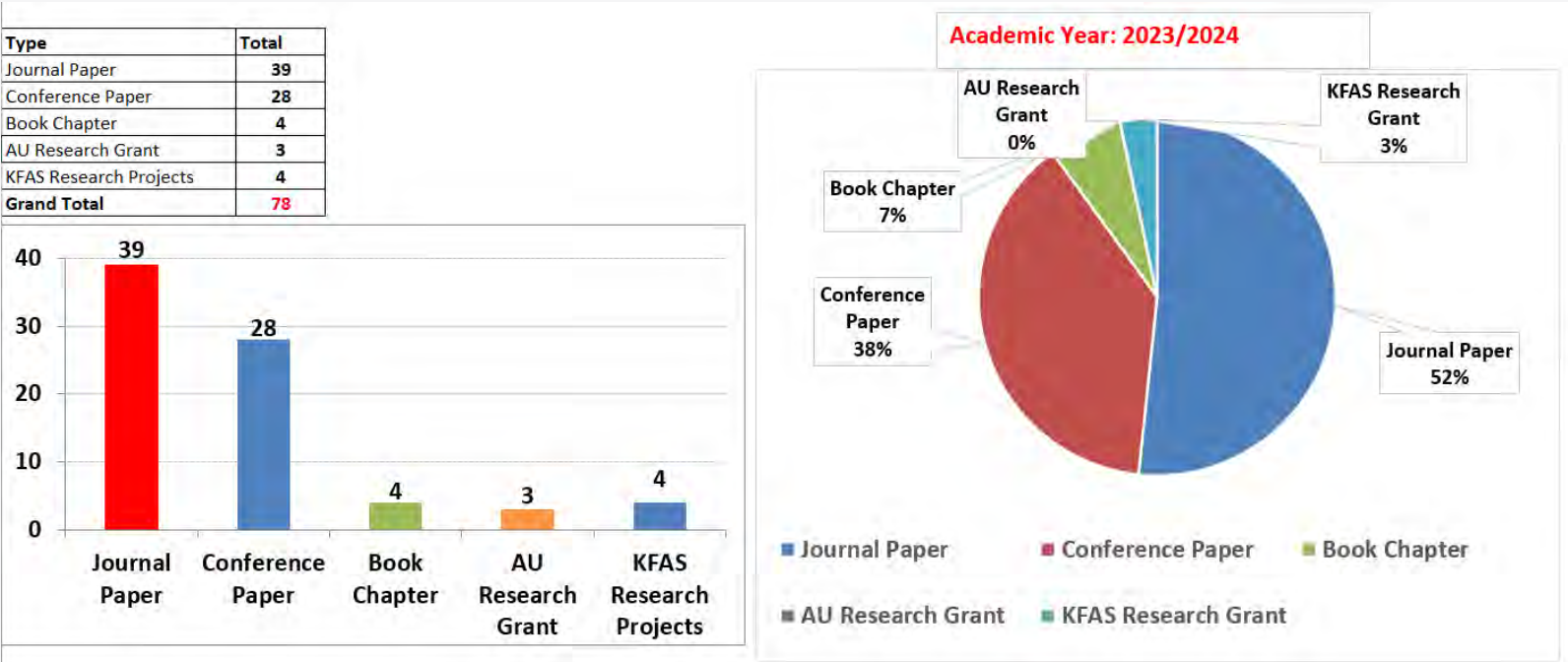
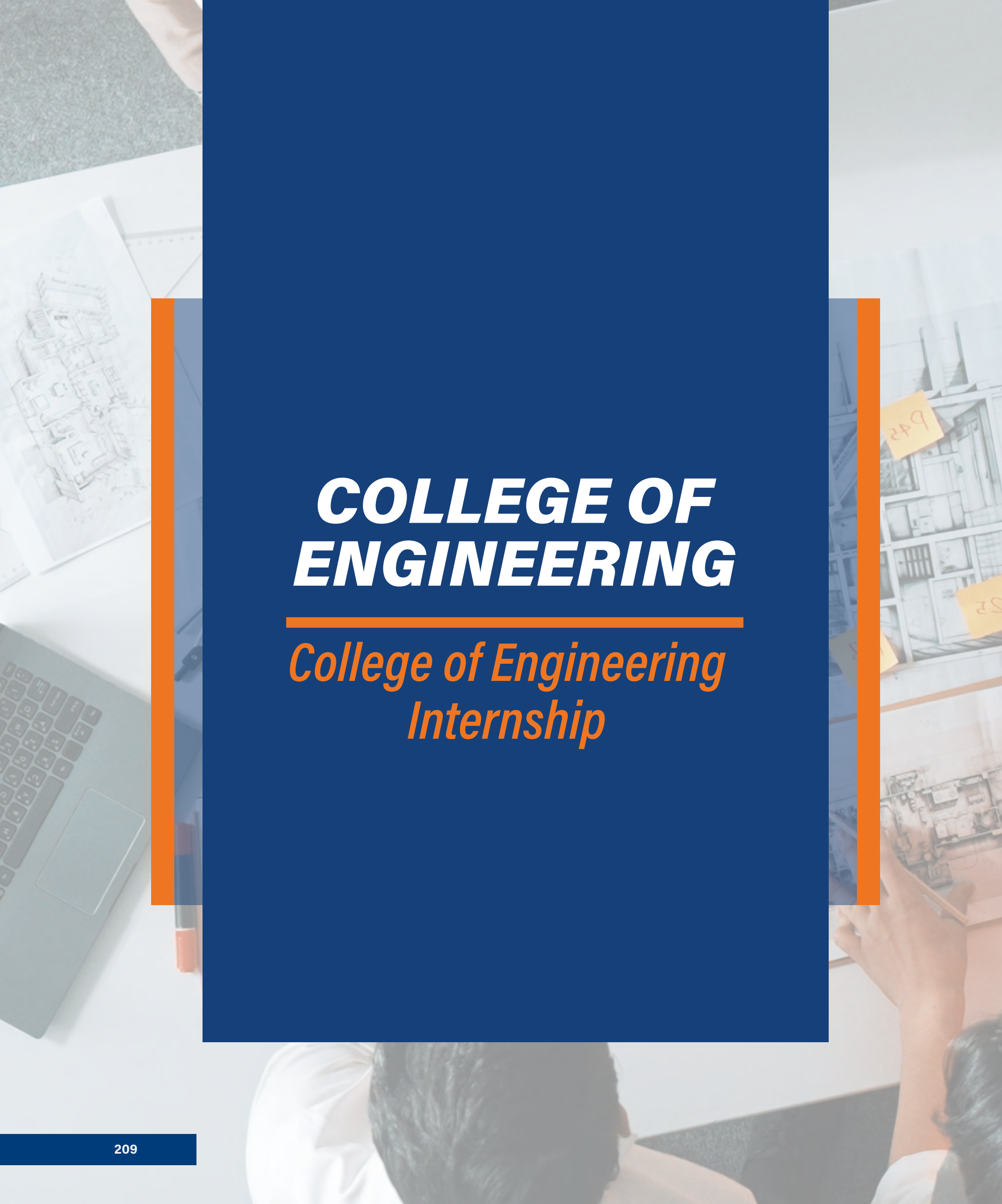


Figure 1. Summary of the College of Engineering Faculty Members Research Output for the academic year (2023/2024)



COLLEGE OF ENGINEERING

*College of Engineering
Internship*

THE COLLEGE OF ENGINEERING INTERNSHIP PROGRAM



Mrs. Joumana Tasse

Senior Coordinator – Alumni Outreach
Alumni & Career Placement Center

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 Senior Coordinator of Alumni 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.

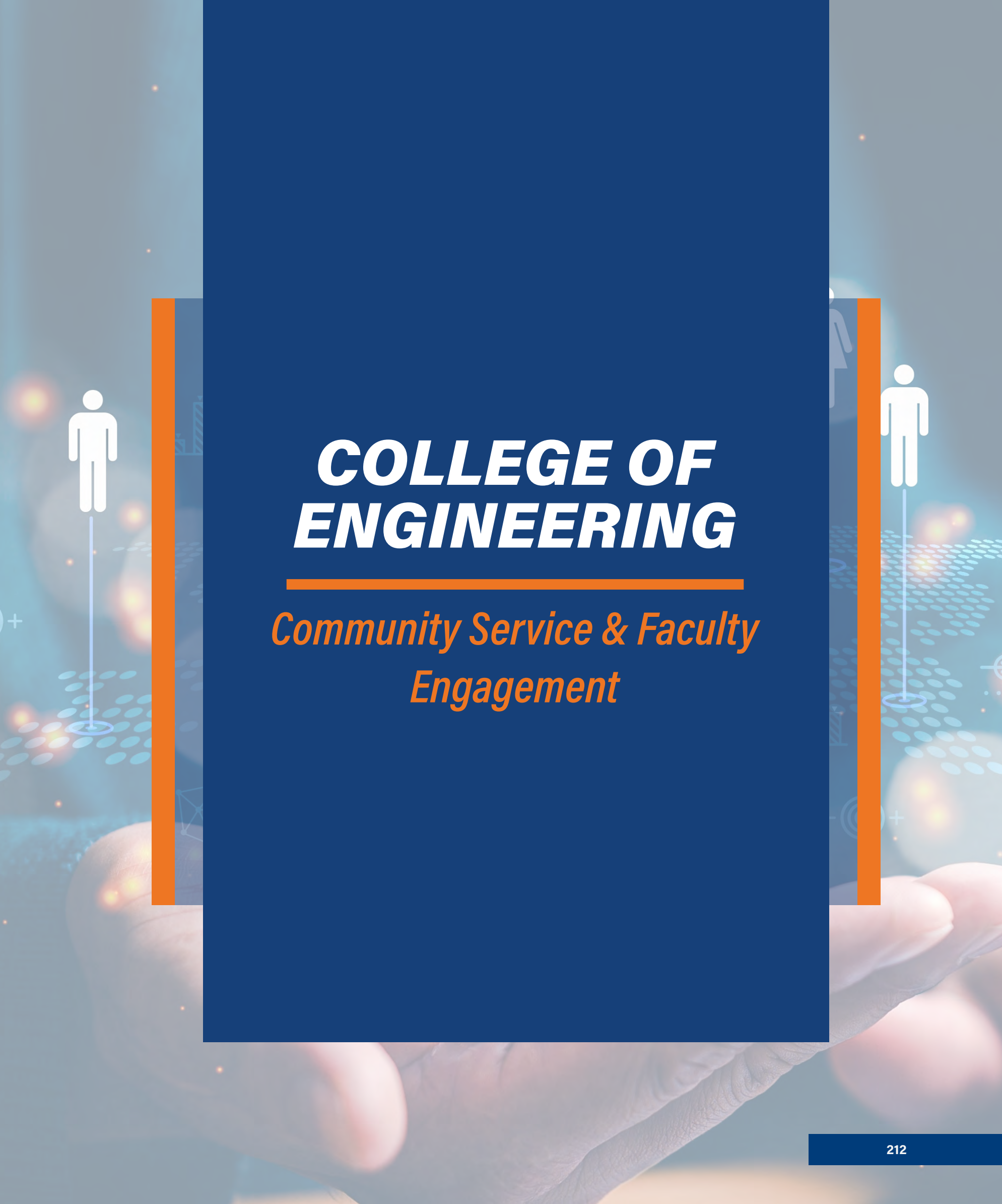
Testimony of Civil Engineering bachelor's student Arwa Mohammad Alhusaini who interned with Advanced Industrial Manufacturing, Fall of 2023/2024.

"My work term was conducted at Advanced Industrial Manufacturing (AIM) company specializing in the fabrication of PVC and WPC products recycled from plastic and wooden waste materials. These advantages allow these materials to be used in various applications in residential and commercial projects.

I completed 150 work hours during which I participated in various tasks in multiple departments. Throughout my work term, I started to develop an understanding of the importance of innovative engineering materials for sustainability. Overall, my experience has affirmed my intended career path for multiple reasons. Mainly because I realized that civil engineering is a much broader field than I expected. Civil engineers can work in various non-conventional roles such as waste material recycling and administration. Also, I now believe that as a civil engineer, I will eventually develop the skills needed to commit to my responsibility towards my country, society, and the environment by innovating modern methods for construction as well as spreading awareness on these matters."

Testimony of Civil Engineering bachelor's student Idris Ahmad Al Dousari who interned with Al Sadi Engineering Consults, Spring 2024.

"During the internship, I expected to learn fundamental engineering principles, and I gained experience in structural analysis and design. I expected to gain proficiency in using engineering software such as Revit and SAFE and I learned this software effectively. Earlier, I did not know Revit but during the internship, I learned about this software from scratch. Revit is the most common but important software used in engineering projects (Lau and et.al. 2018). I learned about bills of quantity, surveying the tower and compliances related to construction. I also got to know about CAD files and drawing reinforcements for footing. It is understood by me that reviewing compression strength tests is essential before starting any construction project. It has been identified that reviewing the reinforced concrete is an essential element of a construction project. I understood the importance of Revit in building modelling."



COLLEGE OF ENGINEERING

***Community Service & Faculty
Engagement***

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EFFECTIVE COMMUNICATION FOR TRAINING PROFESSIONALS (ECTP)

Eng. Kingsley Amadi – Senior Instructor / Petroleum Engineering Department completed the “Effective Communication for Training Professionals” (ECTP) and Train the Trainer certification for International Well Control Forum (IWCF) Which was held virtually from 11th to 14th September 2023. He has acquired the certification as a trainer for all levels of (IWCF) courses and professional training within his knowledge domain.

The (IWCF) launched three Levels of well control awareness and training course following recommendations of the international organization of oil and gas producers (IOGP) Report 476 after the Macondo tragedy. The training aims to increase the understanding of how well control incidents can occur, their consequences and prevention.



Fig. 1: Group picture of attendees



Fig. 2: ILM certificate for Effective community for training professional by City & Guilds London.



Fig. 3: Awarded International well control Forum (IWCF) Trainer certificate.

GULF INVENTOR AWARD

Dr. Meshari Al Mutairi - Assistant Professor at the Civil Engineering Department was awarded the “Gulf Inventor Award” during an event for inventors from the Gulf Cooperation Council. The event was held in Salalah, Sultanate of Oman, from 13th to 14th of September 2023 with the participation of 12 participants from all GCC countries. Dr. Al Mutairi won the award by presenting his innovative project on soil remediation.



SPE 2023 ABU DHABI INTERNATIONAL PETROLEUM EXHIBITION AND CONFERENCE (ADIPEC)

Dr. Mortadha Alsaba – Associate Professor and Head of Petroleum Engineering Department has participated in the 2023 SPE Abu Dhabi International Petroleum Exhibition and Conference (ADIPEC) from 3rd till 5th of October 2023, as a committee member under the Drilling Category, which involved reviewing and rating the submitted abstracts, preparing the sessions, and developing the session names for the conference. In addition, Dr. Mortadha Co-Chaired a session on Wednesday the 4th of October 2023.



FIRST GCC ENGINEERING SYMPOSIUM

Dr. Ahmad Sedaghat - Professor at Mechanical Engineering Department, participated in the first GCC Engineering Symposium held from October 29th to 31st, 2023, at the Conference Center in Kuwait University, Al Shadadiya, Kuwait. The conference was held under the patronage of His Highness the Crown Prince Sheikh Mishal Al-Ahmad Al-Jaber Al-Sabah.



Dr. Ahmad presented a conference paper titled "Development of Novel Portable Cabins for Low Energy Buildings Research in Kuwait". This paper is based on the collaborative work of AU and CQU under KFAS fund no. CN19-35EM-06. The co-authors of the paper are Dr. Arash Mahdizadeh, Dr. Hayder Salem, Dr. Wisam K. Hussam, Dr. Aiyad Gannan and Eng. Mohamad Iyad Al-Khiami.



The conference provided a valuable platform for Dr. Sedaghat to engage with GCC scholars and share their research with the broader GCC engineering community. The conference paper will be considered for publication in the Journal of Engineering Research - Kuwait University.

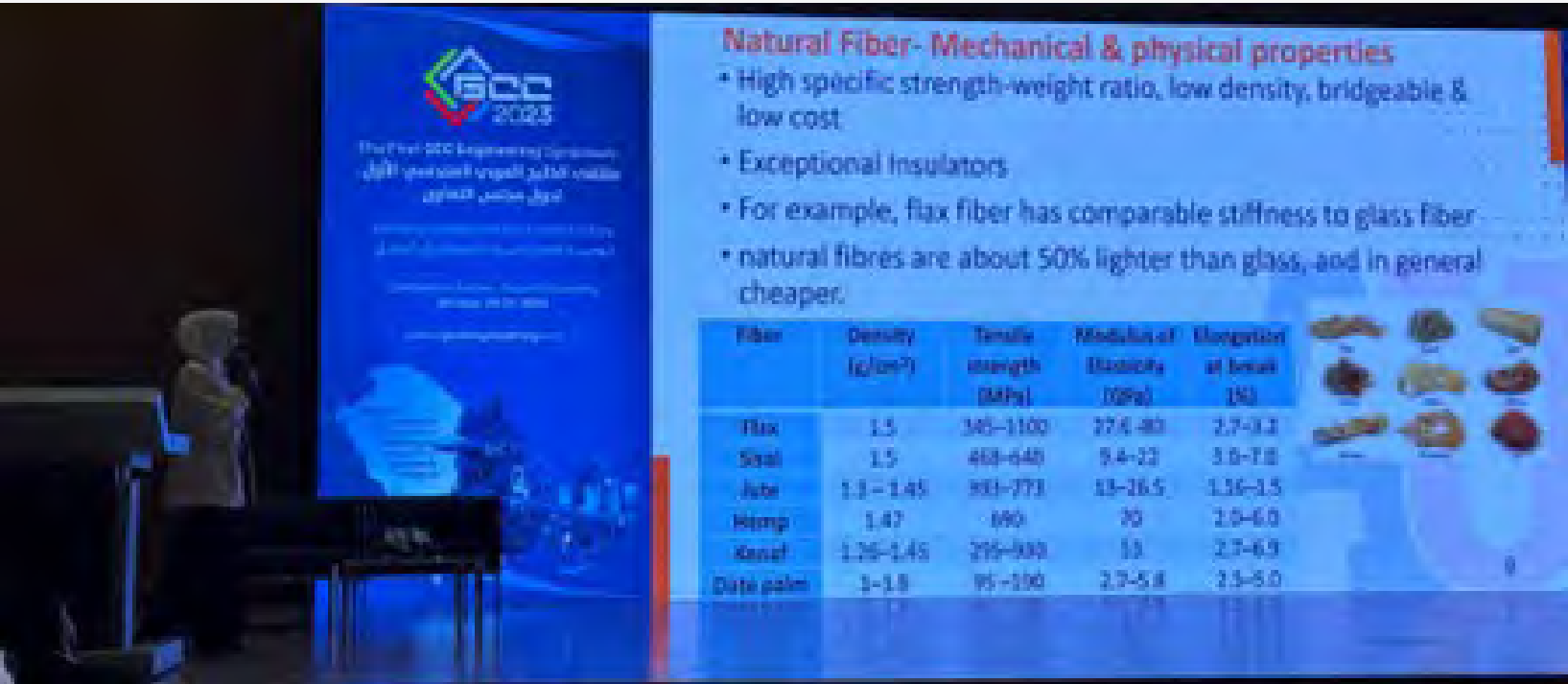


Dr. Ahmed Assad, an assistant professor at the Civil Engineering Department, participated in the first GCC Engineering Symposium held from October 29th to 31st, 2023, at the Conference Center in Kuwait University, Al Shadadiya, Kuwait. The conference was held under the patronage of His Highness the Crown Prince Sheikh Mishal Al-Ahmad Al-Jaber Al-Sabah.



Dr. Ahmed presented a conference paper titled "Enhancing Bridge Management: A Data-driven Approach for Accurate Forecasting of Concrete Bridge Condition" This paper is based on the collaborative work of AU and University of Alberta. In this work, various machine learning algorithms were utilized to enhance bridge management systems. The conference presented a platform for Dr. Ahmed to engage with GCC scholars and share their research with the broader GCC engineering community. The conference paper will be considered for publication in the Journal of Engineering Research - Kuwait University.

Dr. Zainab Al Hajaj – Assistant Professor / Mechanical Engineering Department participated in the “First Engineering Symposium” that was held during 29th to 31st October 2023 at the Kuwait University, Al Shadadiya. The conference was held under the patronage of his highness the crown prince Sheikh Mishal Al-Ahmad Al-Jaber Al-Sabah.



Dr. Al Hajaj presented her research work that was performed at the Australian University (AU) in collaboration with Dr. Mohammad Hany Yassin. The title of the research was “The influence of incorporating natural fiber on the mechanical performance of natural fiber reinforced concrete”. The research work aims to present a new construction material that has lower environmental impact than the traditional material.

Eng. Hania El-Kanj – Senior Instructor from the Electrical and Electronics Engineering Department participated in the “First GCC Engineering Symposium” that was held during 29th to 31st October 2023 at the Conference Center in the Kuwait University, Al Shadadiya. The conference was held under the patronage of his highness the crown prince Sheikh Mishal Al-Ahmad Al-Jaber Al-Sabah.



Eng. Hania presented a conference paper titled “An IoT Based Smart Waste Management System with Built-in Segregation Feature”. This paper is based on the work of four students from the Bachelor of Technology in Electrical and Electronics Engineering., Abdullah AlBannai, Abdulhamid AlArbash, Fawaz AbdulQader, Mansour AlDaihani.

The conference was a great opportunity to present the collaborative work between the Electrical and Electronics Engineering faculty and students. The conference paper will be published in the Journal of Engineering Research - Kuwait University.



DR. JEAN ELACHKAR INTERVIEW

WITH KUWAIT TV2

Dr. Jean El Achkar - Assistant Professor in the Petroleum Engineering Department at the Australian University (AU) was invited as a guest speaker for an interview on Kuwait TV2 on Wednesday 22nd of November 2023.

The interview aimed to debate climate change while advocating for a transition to a zero-carbon future, using renewable energy, efficiently managing food waste, and developing resilient communities in the face of climatic challenges.



DR. MORTADHA ALSABA VIRTUAL SEMINAR TO AL AYEN UNIVERSITY

Dr. Mortadha Alsaba – Associate Professor / Head of Petroleum Engineering Department delivered a virtual seminar to Al Ayen University in Iraq on Sunday 10th of December 2023.

Online Seminar

The Continuing Education Center, in collaboration with the College of Petroleum Engineering, will be hosting an online seminar titled **Recycled Tire Rubber Additive Application as an Effective Drilling Fluid Additive: Towards a Sustainable Oil and Gas Industry**



Moderator: Dheiaa Alfarge, PhD Head of Oil and Gas Engineering Department, University of Warith Al-Anbiyaa



Dr. Mortadha Saba is an Associate Professor and the Head of the Petroleum Engineering Department at the Australian University in Kuwait.

10 DEC. 2023 | IT WILL BE ON **SUNDAY** | **T I M E**
05:00 PM

zoom@alayen.edu.iq
A@alayen99

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UNIVERSITY



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DR. JEAN ELACHKAR INTERVIEW WITH HALA KUWAIT PROGRAM ON KUWAIT TV2

Dr. Jean El Achkar - Assistant Professor in the Petroleum Engineering Department at the Australian University (AU) was invited as a guest speaker to the "Hala Kuwait" program on Kuwait TV2 on Wednesday 24th of January 2024.

Dr. Jean addressed Kuwait's significant food waste challenge while emphasizing the urgency of transitioning from traditional landfill methods to innovative and sustainable solutions. Proposing a strategy involving policy development, education, recycling initiatives, research, and collaboration with industries, he highlighted his ongoing KFAS Project on Food Waste Management at AU.



DR. SUAD AL RADHWAN

PARTICIPATION IN WIAM EVENT

Dr. Suad Al Radhwan - Assistant Professor in the Petroleum Engineering Department at the Australian University (AU) received a VIP invitation to attend the Women in Industry and Asset Management (WIAM) event on Sunday 4th of February 2024 in Al Khobar





DR. MOHAMMED ABDUL-NIBY

PARTICIPATION IN (CAS 2024)

Dr. Mohammed Abdul-Niby – Dean of College of Engineering - Associate Professor in the Electrical and Electronics Engineering Department at the Australian University (AU), received an invitation from Alnoor University, Republic of Iraq, to participate as a keynote speaker in the “Second International Conference on Aviation and Sustainable Development Research” (CAS 2024). The conference was held from 22nd to 23rd of May 2024, at the Gelisim University, Istanbul, Turkey.

During the conference, Dr. Abdul-Niby as a keynote speaker, presented a research paper titled “Economic Evaluation and Optimization Analysis of Hydrogen Production at Shagaya Power Plant, Kuwait”. Also, he chaired two presentation sessions.





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