

ASU  
جامعة العلوم التطبيقية  
APPLIED SCIENCE UNIVERSITY

YEAR  
2023

QS  
WORLD  
UNIVERSITY  
RANKINGS

RANK  
561-570

QS  
WORLD  
UNIVERSITY  
RANKINGS

ARAB REGION 2023  
RANK  
#19

ASU  
جامعة العلوم التطبيقية  
APPLIED SCIENCE UNIVERSITY

# PRESIDENT'S NEWS DIGEST

04 May, 2023

Issue 14, Volume 8



## Message From the Editor

Welcome to the 14th issue of the 8th volume of the President's News Digest.

In this issue Prof. Ammar Kaka, the President of Applied Science University will address a message titled "Welcome Message"



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من روائع الشعر العربي

Quote of the Month

## Message from the President Welcome Message

Dear colleagues,

As we welcome the month of May, I am pleased to share with you the latest edition of the President's Monthly Digest.

Firstly, I would like to wish all staff a happy Workers' Day. I wanted to take this opportunity to recognize and appreciate all the hard work and dedication that each and every one of you brings to our communities. Your efforts are what make our organization distinctive, and I am grateful to have such a talented and committed group of colleagues.

Last week, we had a very successful visit to London South Bank University to attend the Management Board meeting and to explore and discuss future plans in support of our partnership. This was also a good opportunity for Professor Hatem and I to meet senior LSBU colleagues in person for the first time. This is a strategic partnership that was initiated and led by Professor Waheeb since 2014 and has resulted in the establishment of our College of Engineering. We look forward to celebrating our 10th anniversary next year with the expansion of our joint education provision at the postgraduate level.

Yesterday, I was delighted to sit and listen to students from our Interior and Graphics Design programs presenting their final year projects to a panel and their peers. I was very pleased to see the alignment of some of these projects with the UN SDGs, particularly in embedding environmental and social sustainability into their designs and projects. These students are about to join the workplace, and it was also reassuring to hear them effectively defend and communicate their ideas.

Staff development is key to our future success, and as such, I am grateful to our Academic Staff Development Unit for organizing a workshop focused on ChatGPT to build awareness and facilitate discussion on how this emerging AI technology will impact higher education, in particular. We will undoubtedly continue to embrace AI into our academic provision and our wider functions.

Next week, we are hosting a dinner for our alumni and university ambassadors in Bahrain, under the patronage of Professor Waheeb. We are all thrilled to hear about their successes and the contributions they are making to society and the economy. It will also be a great opportunity to strengthen their links and association with the university.

Many thanks to all colleagues who have contributed to the articles and activities featured below.



Written By  
Professor Ammar  
Kaka  
The President of  
Applied Science  
University



# PRESIDENT'S NEWS DIGEST



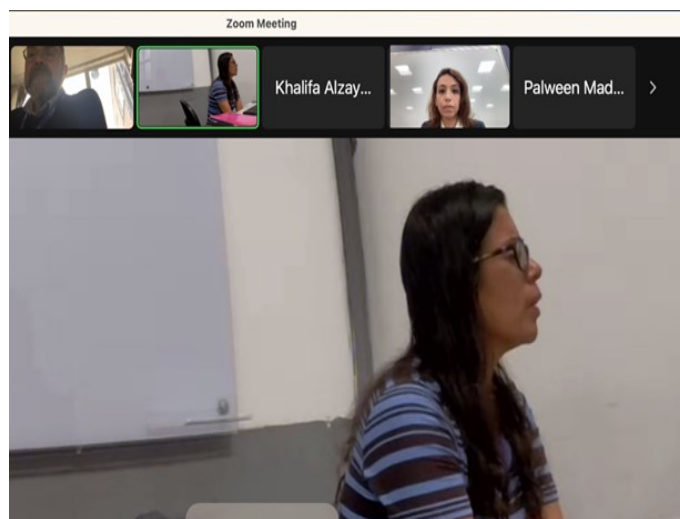
## Level S Law Students Attend an International Contract Law and Dispute Resolution Seminar



**Written By: Dr Reem Radhi**  
Assistant Professor, College of Law

As part of the LLB (Hons) Law programme's strong commitment to delivering a rigorous yet personable learning environment, Level S students AlZain Abdulsalam, Fatema AlAraibi, Zainab AlAsfoor, Ahmed AlDoseri, Khalifa AlZayani, and Noora Jasim attended an online international law seminar titled 'Contract Law & Dispute Resolution'. The seminar was chaired by Mr. Andy Unger, Head of the Law Department at London South Bank University. Attendance was coordinated by the Law School, Dr Reem Radhi, and Mr Noel Lavin.

Students from Brazil, Egypt and the UK presented on the basis of contract law and mechanisms of resolving contractual disputes in their jurisdictions. The seminar provided a distinct opportunity for the students to meet other law students from three different continents, and to develop commercial awareness and a firm grounding in comparative legal research and analysis.







# PRESIDENT'S NEWS DIGEST



## Student Projects – Practical Electronics Electrical and Electronic Engineering Programme College of Engineering - Semester 2 - Academic Year 2022/2023

Written By: **Dr. Moh'd Ahmad**  
Electrical and Electronic Engineering Programme Coordinator.



As Semester 2 draws to a close, the Level S (Year 1) students of the BEng (Hons) Electrical and Electronic Engineering programme submitted their practical coursework assignments for the module, 'Practical Electronics'. The coursework assigned was designed to meet the practical aspects of the intended learning outcomes of the module and to equip students with practical skills and foundational knowledge in electronics, which can then be built upon as they continue their studies.

Over the course of the module, and under the supervision of the lecturer, Dr. Moh'd Ahmad, Programme Coordinator for the BEng (Hons) Electrical and Electronic Engineering programme, students learned about electrical principles, circuit design, and the use of electronic components.

The final projects demonstrated the students' learning and ranged from designing and building an LED dimmer and a DC motor speed controller circuit, to building a functional electric piano circuit, as well as building a function model traffic lights circuit. The coursework projects illustrated the students' acquired technical skills in the module and required them to work in teams, manage their time effectively, and communicate their ideas clearly. Students presented their projects to their lecturer and peers, which provided an opportunity for great in-class discussions and feedback.

The Practical Electronics module has equipped students with practical skills and knowledge and has also encouraged them to think creatively and critically. It has also provided an excellent opportunity for students to apply their learning to real-world situations and has fostered a passion for electronics which can be developed upon in the coming years.

Maryam, Lateefa & Wadhha stated, "It was amazing. We enjoyed implementing the project. We learned a lot. We felt happy when the project worked. We wish all modules contain a practical project."

Qasim, Mohamed & Hashem stated, "We learned the value of teamwork. It helped us to understand the theoretical part of the module."

Abdulla said "It was a new experience. I felt I was an engineer. I will make my own projects in the future."



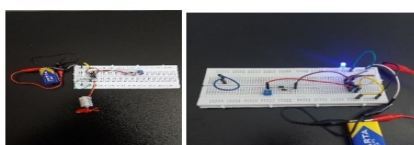
Group members: Qasim Alhaddad,  
Mohamed Abbas & Hashem Alomari



Group members: Abdulla Almahmeed

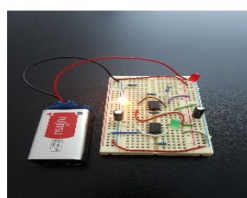


Group members: Maryam Anwar,  
Lateefa Alnoaimi & Wadhha Bakheet.

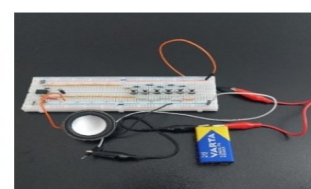


DC motor speed  
controller circuit

LED dimmer circuit



Model Traffic Lights Circuit



Electric piano circuit



# PRESIDENT'S NEWS DIGEST



## Computer Science Students' Participated in the 2023 International Conference on IT Innovations and Knowledge Discovery (ITIKD)

Written By:  
Dr. Moaiad Khder  
Head of Department of  
Computer Science

7 Students of Computer Science Programme participated in the International Conference on IT Innovations and Knowledge Discovery (ITIKD) on 08<sup>th</sup> to 09<sup>th</sup> March 2023, and 3 of them presented their research papers.

ITIKD focused on recent developments and findings in the domains of computational intelligence, knowledge discovery, modern trends of cyber security and other IT innovative systems. The conference is technically sponsored by IEEE, and all accepted papers will be published in IEEE explore and indexed by SCOPUS.



The three papers were presented are:

- Review Study of the Impact of Artificial Intelligence on Cyber Security : *Moaiaad Khder, Samer Shorman, Dana Showaiter, Areej Zowayed, and Sara Zowayed*
- Artificial Intelligence into Multimedia Deepfakes Creation and Detection: *Moaiaad Khder, Samer Shorman, Duaij Aldoseri, and Mohammed Saeed*
- Online Games Data Storing Methods, Vulnerabilities, and Solutions: *Moaiaad Khder, Samer Shorman, Ahmed F. Ali, and Mohammed O. Al-Mudaifa*

These three papers resulted from student assignments in CSC304 Artificial Intelligence course which it was offered in 1<sup>st</sup> Semester 2022/2023.



The students appreciated the department support and encouraging them to participate and present in this conference.

The continuous research support from the department , college and university management improved and increased the student research output in CS programme as following:

Journals		Conferences	
Scopus	Not Scopus	Scopus	Not Scopus
2	3	15	3





# PRESIDENT'S NEWS DIGEST



Written By:  
Dr. Moaiad Khder  
Head of Department of  
Computer Science

## Computer Science and Management Information Systems Delegates attended the Annual Ghabga of ISACA BAHRAIN CHAPTER

Prof. Riyad AlShalabi-Dean of Research and Graduate Studies, Dr. Ahmed Shatat-Head of MIS Department, Moaiad Khder- Head of Computer Science Department, Mohammad AlHamami-Office Manager of Community Engagement, Dr. Abdulla Shatat- MIS Programme Leader and Dr. Jamal AlSultan from CS Department attended the Annual Ghabga of ISACA BAHRAIN CHAPTER on 12th April 2023.

ISACA (Information Systems Audit and Control Association) International ([www.isaca.org](http://www.isaca.org)), a US based not for profit organization with over 86,000 constituents in more than 160 countries, is a leading provider of knowledge, certifications, community, advocacy and education on information systems assurance and security, enterprise governance of IT, and IT-related risk and compliance. Founded in 1969, ISACA sponsors international conferences, publishes the ISACA® Journal, and develops international information systems auditing and control standards.

ISACA Bahrain Chapter was established in December 2009. The chapter has over 300 members representing practicing audit partners, IT professionals, IS auditors and security managers, chief financial officers, accounting managers, academics and others related professionals. The chapter is one of the active and prominent knowledge sharing bodies in the country. Working under the auspices of ISACA, the Bahrain Chapter engages in activities for the development, adoption and use of globally accepted, industry-leading knowledge and practices for information systems. ISACA helps its members achieve individual and organizational success, resulting in greater trust in, and value from, information systems. Its members and certification holders are qualified and skilled professionals who make a difference.

MIS and CS Departments working currently on how to increase the collaboration with ISACA to benefit from various professional certificates provided by ISACA.





# PRESIDENT'S NEWS DIGEST



## ChatGPT is friend or foe? Workshop



Written By:  
Dr. Moaiad Khder  
Head of Department of  
Computer Science

On the 19th of April, 2023, Academic Staff Development Unit(ASDU) in collaboration with College of Arts and Science, Head of Computer Science Department Dr.Moaiad Khder – delivered a workshop titled: “ChatGPT هل هو صديق أم عدو؟ ChatGPT is friend or foe?”.

Dr.Adel AlSamman Head of Academic Staff Development Unit welcomed the audience and highlighted the importance of this workshop.

Dr. Moaiad explored and explained the main sections of the workshop such as:

- What is the ChatGPT tool?
- The benefits and risks of this technology in terms of scientific research and academic terms
- Similar technologies
- Comparison between ChatGPT vs. BARD
- Disallowed usage of OpenAI models
- Guide for ChatGPT usage in Teaching and Learning
- Tasks ChatGPT can perform
- Various AI Tools
- Protection mechanisms

A live demo of ChatGPT and Bard took place to see some trusted and untrusted results.







# PRESIDENT'S NEWS DIGEST



## ASU Delegation Strengthens Partnership During Visit to London South Bank University

A delegation from Applied Science University (ASU) visited its partner university, London South Bank University (LSBU), in the UK from April 24 to 26, 2023.

The visit aimed to attend the second ASU – LSBU Partnership Management Board meeting on April 24, held in a hybrid format with more colleagues attending virtually. The first meeting took place on ASU's campus in October 2022.

ASU's delegation included Prof. Waheeb Al Khaja, Chairman of the Board of Trustees, Prof. Ammar Kaka, President of ASU, Prof. Hatem Masri, Vice President for Academic Affairs and Development, Mr. Abdullah Al Khaja, President's Advisor for Follow Up Affairs and Director of Administration and Finance, and Ms. Diana El Hageova, Manager of the International Partnerships Office.

ASU and LSBU's partnership has grown since 2014 and ASU now offers five programmes validated by LSBU. The board meeting allowed ASU and LSBU management and academics to discuss strategic updates, partnership management, development areas and operational management of current and future courses.

Beyond the board meeting, activities included:

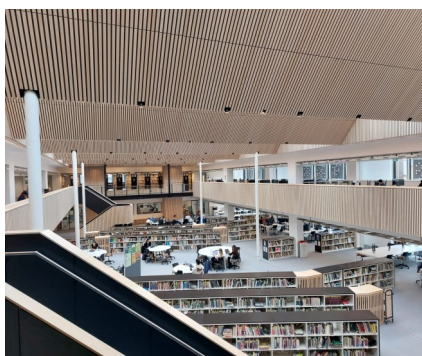
- A tour of the LSBU's recently renovated Hub, a student space with library, lecture halls, sports center, exhibition space, computer labs, study rooms, café and lounge.
- A visit to the London South Bank Technical College (LSBTC) and a tour of its facilities. The LSBTC offers vocational and technical programmes in STEAM fields in a workplace setting. A meeting discussed collaboration with the Principal and Group Director of Apprenticeships.
- A meeting with LSBU's Pro Vice-Chancellor Research and Innovation and team to develop collaboration on research, knowledge transfer and enterprise.

Overall, the visit strengthened the partnership by expanding academic offerings, reinforcing research and knowledge transfer collaboration, and leveraging enterprise and innovation. Both parties explored various ways to enhance the partnership in education, research, and societal engagement.

The visit culminated in productive discussions on future collaboration and partnerships between the two institutions. ASU and LSBU look forward to building on this momentum through future interactions and exchanges.



Written By:  
Ms. Diana El Hageova  
Acting Office Manager of  
International Partnerships /  
Lecturer, Department of  
General Studies, College of







# PRESIDENT'S NEWS DIGEST



## جامعة العلوم التطبيقية تشارك في المؤتمر والمعرض السادس والعشرين لجمعية المكتبات المتخصصة بقلم : د. عمار جلامنة / مدير إدارة المكتبة وخدمات المعلومات



شاركت جامعة العلوم التطبيقية ممثلة بالدكتور عمار جلامنة مدير إدارة المكتبة وخدمات المعلومات في أعمال المؤتمر والمعرض السنوي السادس والعشرين لجمعية المكتبات المتخصصة الذي أقيم تحت رعاية معهد الكويت للأبحاث العلمية والجامعة الأمريكية في الكويت، وحمل عنوان (التقنيات الناشئة وتطبيقاتها في المكتبات ومؤسسات المعلومات).

ويهدف المؤتمر إلى مناقشة الدراسات والاتجاهات العالمية الحديثة، واستكشاف أبرز تطبيقاتها بما يتناسب مع المكتبات ومؤسسات المعلومات في مجتمعاتنا العربية والخليجية، بالإضافة إلى تسليط الضوء على مختلف التطورات التقنية والتحديات التي تواجه قطاع المعلومات، سواء كانت في مجال التأليف والنشر أو الرقمنة وإدارة الأوعية الرقمية أو الخدمات الافتراضية وغيرها.

وأقيم المؤتمر في دولة الكويت بمشاركة كوكبة من الباحثين والأكاديميين، حيث تضمن ورش عمل متخصصة في مجال المكتبات الإلكترونية والقراءة الرقمية وتطبيقات الذكاء الاصطناعي وكفاءتها وكشف الانتحال العلمي وواقع استخدام الروبوت في عمليات الإرشاد والتوجيه في المكتبات، بالإضافة إلى واقع شبكات التواصل الاجتماعي لمصادر المعلومات والمستودعات الرقمية في دول الخليج العربي وغيرها من الورشات والحلقات النقاشية لتبادل الخبرات، والوقوف على أهم التطورات في عالم المكتبات ومراكز المعلومات.

وعلى هامش المؤتمر قام الدكتور عمار جلامنة بزيارة المعرض المرافق للمؤتمر حيث اجتمع مع مجموعة من الناشرين مثل شركة نسيج و شركة EBSCO وشركة دار المنظومة وشركة Elsevier وشركة world scientific وشركة ProQuest وشركة IEEE وغيرها من الشركات، للاطلاع على أحدث التقنيات في عالم المكتبات وقواعد البيانات.







# PRESIDENT'S NEWS DIGEST



## المحكمة السورية في كلية الحقوق

أقيمت اليوم الاثنين الموافق 10/4/2023 محكمة سورية بجهود مميزة لطلبة مقرر " تطبيقات عملية في الدعى المدنية والتجارية " ، وبإشراف أساتذة المقرر :د.أمجد منصور و د.مراد الطراونة ، وذلك تحت مظلة العيادة القانونية بإشراف من مدير العيادة د.غيث الخصاونة ، وبحضور كريم من سعادة القائم بأعمال نائب الرئيس للشؤون الأكاديمية والتطوير و سعادة ق.أ. عميد كلية الحقوق وعدد من الأساتذة من كلية الحقوق وغيرها من كليات الجامعة ، ولاريب أن الهدف الأسمى من مثل هذه الأعمال هو ربط الجانب النظري في الدراسة بالجانب العملي والتطبيقي بما يحقق الفائدة الكبرى التي ترغب كلية الحقوق وجامعة العلوم التطبيقية بوصول طلابها إليها .



د.مراد الطراونة  
أستاذ القانون المدني المشارك

د.أمجد منصور  
أستاذ القانون المدني المشارك



# PRESIDENT'S NEWS DIGEST



## زيارة المحكمة المدنية بقلم: د. أمجد منصور / أستاذ القانون المدني المشارك

تسعى جامعة العلوم التطبيقية - كلية الحقوق لربط الدراسة النظرية بالواقع العملي, حيث قامت مجموعة من طلبة كلية الحقوق المسجلين في مقرر قانون المرافعات المدنية والتجارية يوم الأحد الموافق 2/4/2023 بزيارة ميدانية للمحاكم الكبرى ومحكمة الاستئناف والتميز بإشراف د. أمجد منصور, وتخلل ذلك حضور بعض الجلسات, وقد كان لقاءً طيباً وأثنى الجميع على الزيارة.







# PRESIDENT'S NEWS DIGEST



العمال في يومهم.....  
بقلم: الدكتور علي الددا- قسم العلوم السياسية



(1)

الى الذين يسعون في الأرض كدًا وجدًا... والى الذين لم يركنوا الى الدعة... أصحاب العزيمة والإصرار... المنافحون عن قيمة أعمالهم... المثابرون في شتى ميادين الإنجاز والإنتاج... من يمثلون القوة الكامنة في تمهيد طريق الأجيال المتعاقبة... العاملون بتقوى الله وخشيته... من يسمون بأخلاقيات أعمالهم ونشر فضائل رسالتهم... من يقرأون فصول التعب وتندى جباههم بقطرات من سموّ البذل والعطاء...

(2)

الى من أتقنت كفوفهم مهناً... الى من لم يُصب سواعدهم وهناً... المتطلعون الى أحلامهم وغاياتهم فما استكانوا... من يسعون الى النهوض بمهامهم فما لانوا... ومن رسموا ألواناً من التفاني لتحمل المسؤولية والنهوض بواجباتهم... المدركون لمعنى مواصلة العطاء واستنهاض العزائم... من يبثون روح الإنجاز وإثارة حس المبادرة والمبادرة... الى من يطورون قدراتهم ومهاراتهم لإتقان أعمالهم... المؤمنون بأن الرأي عمل... والعون عمل... وحتى الفكرة عمل...

(3)

الى من يغرسون أملاً، ويصنعون مجداً... الدافعون لعجلة الإنتاج بتفانيهم وصبرهم... المخلصون في أداء أدوارهم... المؤتمنون على الحاضر والمستقبل... من يكرسون معاني العطاء على اختلاف مواقعهم... من لا تقف في طريق تحقيق غاياتهم عقبات... الموظبون على التقدم والنظر الى ما هو آتٍ... الى من تتسع لهم وبهم جغرافية القلم وتُبحر الكلمات... شكراً وثناءً وتقديراً...



# PRESIDENT'S NEWS DIGEST



## Quote of the Month

“"Whatever you want to do, if you want to be great at it, you have to love it and be able to make sacrifices for it."

— Maya Angelou.”

## من روائع الشعر العربي

أَيُّهَا الْعَمَّالُ أَفْنُوا الْعُمَرَ كَدًّا وَإِكْتِسَابًا  
وَاعْمُرُوا الْأَرْضَ فَلَوْلَا سَعْيُكُمْ أَمَسَتْ يَبَابَا  
إِنَّ لِي نَصْحًا إِلَيْكُمْ إِنْ أَدْنَيْتُمْ وَعِتَابَا  
فِي زَمَانٍ غَبِيٍّ النَّاصِحُ فِيهِ أَوْ تَغَابَا  
أَيْنَ أَنْتُمْ مِنْ جُدُودٍ خَلَدُوا هَذَا التُّرَابَا  
قَلَّدُوهُ الْأَثَرُ الْمُعْجَزَ وَالْفَنَّ الْعُجَابَا  
وَكَسَوْهُ أَبَدَ الدَّهْرِ مِنَ الْفَخْرِ ثِيَابَا  
أَتَقْنُوا الصَّنْعَةَ حَتَّى أَخَذُوا الْخُلْدَ إِغْتِصَابَا  
إِنَّ لِلْمُتَقِنِ عِنْدَ اللَّهِ وَالنَّاسِ ثَوَابَا  
أَتَقْنُوا يُحِبِّكُمْ اللَّهُ وَيَرْفَعُكُمْ جَنَابَا

- الشاعر أحمد شوقي