

# PRESIDENT'S NEWS DIGEST

Volume 7 , Issue 38

17 July 2022



## Message From the Editor

Welcome to the 38<sup>th</sup> issue of the 7<sup>th</sup> volume of the President's News Digest.

In this issue **Prof. Ghassan Auoad , President of University** will share A Diagram Model



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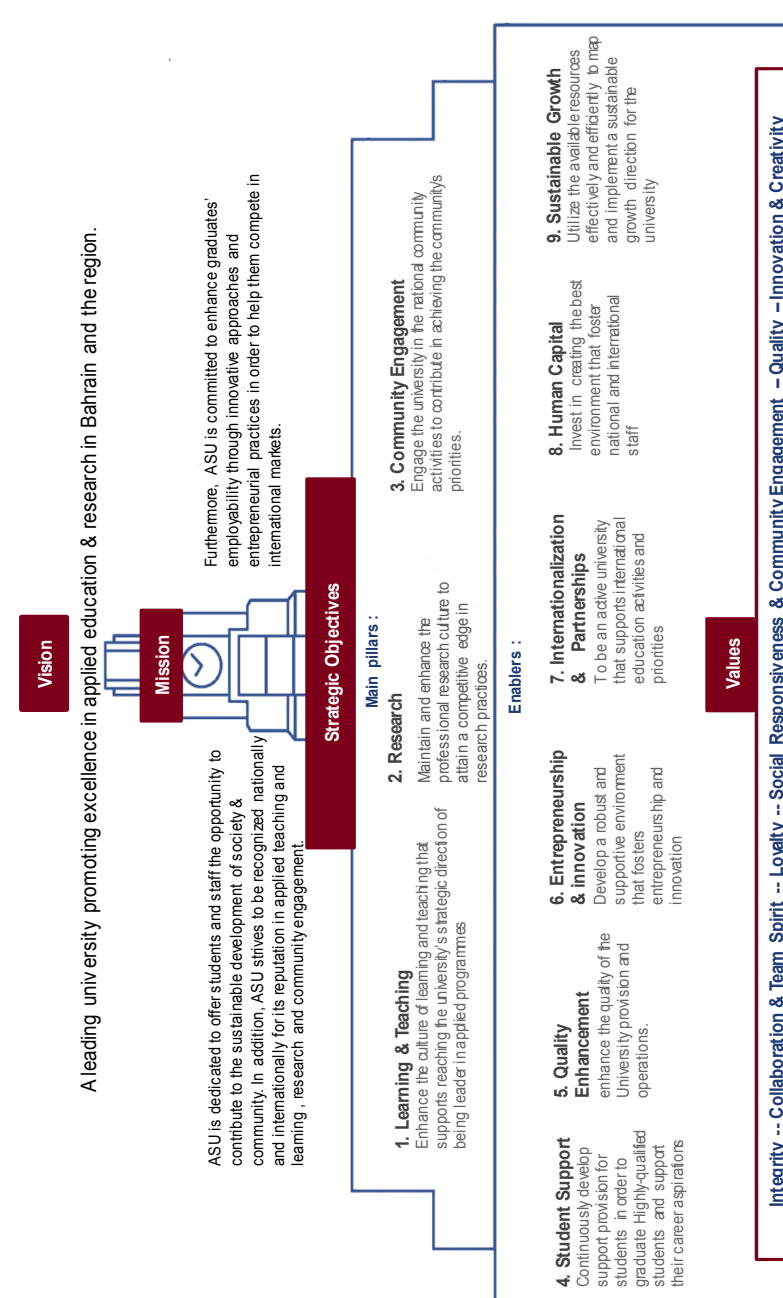
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من روائع الشعر العربي

## A Diagram from the President



Prepared By  
Professor Ghassan Auoad  
The President of Applied Science

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## First summer school for the British Programmes at London Southbank University- College of Engineering.

The top management at ASU always recognizes the value of learning and encourages our students to take part in extracurricular activities to develop their skills, and their graduate attributes either at ASU, nationally and internationally.

The last international experience grabbed by some of our students from the British programmes, at the College of Engineering, was an opportunity to visit our British Partners at London South Bank University .

The summer school trip was organised by the International Partnership Office, in coordination with the Engineering College and the LSBU Global Team. The trip took place from 26 June - 6 July 2022 .

The programme was tailored to provide our students excellent combined learning experiences, ( 1) a noncredit bearing educational experience and ( 2) a students' life experience in London

Some of the activities undertaken during the summer school trip were.

- A visit to LSBU Campus, and induction programme
- A visit to the new development part of the campus; the new Hub with a massive new library
- A visit to the School of Built Environment
- Videos on structure- failure
- Bridge building-Design competition
- Data-driven machine learning-base
- Computational framework
- Engineering Applications.
- Workshop
- Optimization and parametric design using rhino grasshopper workshop
- Newlands trail geology trip
- Life-cycle analysis using OneClick workshop
- Acoustic, Structural, concrete, Robotic labs- Some experiments
- Applications on BIM and Revit
- Visit to museums, and tourist attractions



Written By:  
Dr. Faiza Zitouni  
Assistant Vice President for  
Academic Affairs and Development



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The feedback from the students was excellent as they really enjoyed the full experience. The staff at LSBU were really pleased with our students, and reported that our students were always keen to learn.

Many thanks to the top management, the College of Engineering , the IPO team at ASU and the academic and the global team at LSBU for their continuous support

For more details about the summer school trip/ programme, please visit [ASU Social Media](#) and [LSBU global](#).



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## High School Students Visit the College of Engineering, ASU: a unique opportunity to be an engineer for a day - 30 June 2022

Initiating its own 2021-22 Engineering Day with the title of “Be an engineer for one day”, the College of Engineering celebrated the Engineering Day on June 30, 2022 with many activities and attractions with the participation of students, graduates, administrative and academic faculty members, and top university management. Distinguished guests from Bahrain Society of Engineers; Advisory Board of both the Architectural Engineering programme and Civil Engineering programme; engineering firms; CIOB; and the most important participants, approximately 50 students from public and private secondary schools enriched the celebration with their presence.

After attending the Engineering Day celebration, the school students started their visit to labs of the College of Engineering to experiment a practical day as an engineer, through conducting some real experiments and comprehending the differences between the four engineering programmes validated by the UK University, London South Bank, and offered by ASU: Architectural Engineering, Civil Engineering, Mechanical Engineering, and Electrical and Electronic Engineering. The College labs comprise several specialisations including environment, chemistry, electrical and mechanical, physics, soil mechanics, material, hydraulic, and civil engineering. Students listened to elaborations about each lab and its main experiments, as well as participating in actual experiments.



Written By:  
Dr. Wael Abdelhameed  
Head of Department of Civil  
and Architectural Engineering



Mr. Yoonusraj Kodakkadan accompanied the students in the College of Engineering labs. In Physics lab, the students were exposed to the experiments, such as photo electric effect, Hooke's Law, sympathetic resonance, signal generations and identification, and optical phenomenon. In the hydraulic lab, they demonstrated the Bernoulli's experiment, hydraulic board and open channel. They were really impressed and motivated by the work constructed by ASU students in the previous years, particularly watching the boat and gray water filter system.

In the Chemistry and Environmental lab, they were introduced to the safety measures to be taken while they are in the labs. In addition, they experienced the devices to test the water quality parameters such as TSS, TDS, TS, pH, Conductivity, Turbidity, etc. Furthermore, the students examined the equipment such Hoffman's Voltmeter, titration apparatus, chemicals, etc.



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Mr. Yusuf Buzaboon accompanied the students in their tour in the civil engineering lab, encouraging them to share in making experiments of procedure for concrete mix design, compressive test, and tensile testing. In Procedure for Concrete Mix Design, the students made the concrete mix by themselves. They experienced the importance of the desired strength, durability, and workability of the concrete for the project in question. In the



compressive test, the students were exposed to the most common performance measures, where the compressive strength of concrete cylinders is determined by applying continuous load over the cylinder until failure occurs. The test is conducted on a compression-testing machine. In tensile testing, the students understood that it is a destructive engineering and materials science test whereby controlled tension is applied to a sample until it fully fails. They understood that the basics of this test method are used to determine yield strength, ultimate tensile strength, ductility, strain hardening characteristics, Young's modulus, and Poisson's ratio. Dr Hend Alzefzafi and Ms. Safa Awawdeh led the students' tour into the Architectural Engineering

studios, elaborating on the basics of designing and modelling. The students had elaboration of physical design models and other design factors such as environment, energy saving, structure, etc.

The academic staff members at the college of Engineering took the students in a campus tour. Dr. Marwan Aouad, Dr. Wael Abdelhameed, Dr. Hamdy Mohammed, Dr. Rouya Hdeib, Dr. Ali Sedki, Mr. Noel Lavin and Ms. Bayan Almerbati have answered plenty of eye-opening questions raised by the students during the tour. Moreover, the secondary school students met the professionals from the industry; the advisory boards' members; and industrial training supervisors who spoke highly of the engineering interns and their graduates' attributes.



Documenting and sharing their own views about the visit, the students' responses were highly positive. The students recorded videos that were shared on the ASU Instagram account. Some quotes from students' feedback include: one student stated that "I really enjoyed the visit. It was a unique experience," another student added that "I would like to thank ASU to offer us this opportunity to feel what the university life will be like. Finally one student expressed that "by this visit, ASU made a great example that all should follow."

The exposure of the future students to such a practical visit, in terms of gaining a better understanding each specialisation and its practical experiments, and practicing a real day inside the university campus, has high impact on how the students select their career and specialisation. This will improve professions and their productivity of the students/graduates, the society, and the Kingdom of Bahrain. This high school students' visit demonstrates the commitment of the College of Engineering and ASU, firstly in the community participation and activities, and secondly in maintaining a high level of the student practical experience during their educational journey in the hosted programs of London South Bank University, UK.

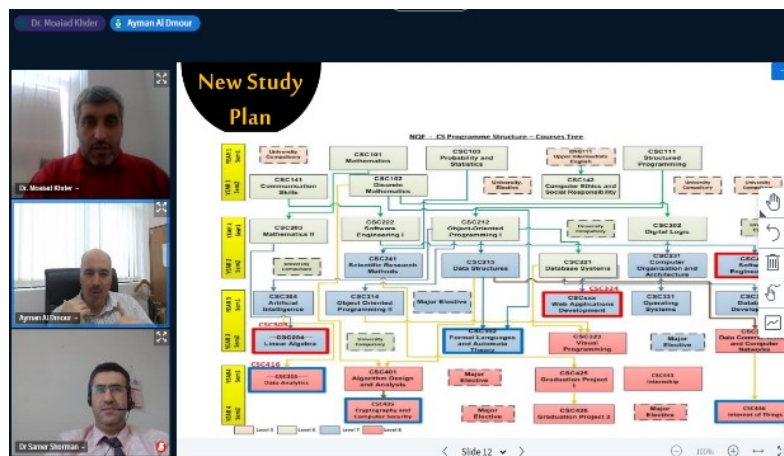
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## The Department of Computer Science: Meetings with Employers, Alumni and Students – July 2022

The Computer Science Programme held a very important meeting with students, graduates and employers on 5<sup>th</sup> July 2022. This meeting consisted important part of the preparation for the new study plans for CS programme for the upcoming academic year 2022/2023. Stakeholders have been informed about the fantastic accomplishments that were achieved on both the university's and department's levels throughout the current academic year. Moreover, they have been also informed about the benchmarking Formal and Informal)) outcomes of CS programme and the new draft study plan. Thorough discussion took place in the meeting to obtain opinions and recommendations from the various stakeholders by which the programme can enrich their study plans and curricula. One of the fantastic inputs is that the employers in particular praised the interns and graduates of both programme, describing them as highly skilled and very much prepared for the relevant labour market. The alumni thanked the University, College and Department for all their efforts and for equipped them with the necessary knowledge and skills that enabled them to be part of the working environment in Bahrain. Internal attendees were; Professor Ayman , Dr Moaiad Khder – HoD of Computer Science Department, Dr Samer Shorman – Computer Science Programme Leader and other colleagues of the academic staff members in the department.



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



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## ASurise: Congratulations to Cohort 8 Advance-HE Fellows

The ASurise board meeting took place on 14<sup>th</sup> July 2022, chaired by Professor Hilal Al-Bayatti. The board awarded 5 of our colleagues who have successfully completed the Advance-HE Fellowship across the University to mark its commitment to enhancing the student experience and delivering exceptional teaching and learning through our own ASurise Accredited scheme- *Cohort 8 of the academic year 2021-2022*.



Written By:  
Ms. Maheera Faisal  
Coordinator at the VP  
Office for Academic  
Affairs & Development

This great achievement would not have been possible without the great and continuous support from Professor Waheeb Al-Khaja, Chairman of the Board of Trustees, and Professor Ghassan Aouad, President of the University.

Our beloved University always raises the bar with great achievements, and we are all proud to be part of ASU, *Many Congratulations to our new members of the Advance-HE Fellowship, including:*

Ser.	Name	Category
1	Mr. Kumail Hassan Mohamed Jawad Al Lawati	AFHEA
2	Ms. Mariam Althawadi	AFHEA
3	Dr. Abdulla Shatat	FHEA
4	Dr. Wael Abdelhameed	SFHEA
5	Dr. Basel Ali	SFHEA

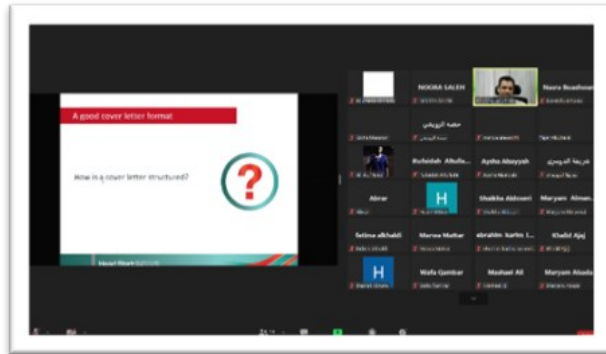
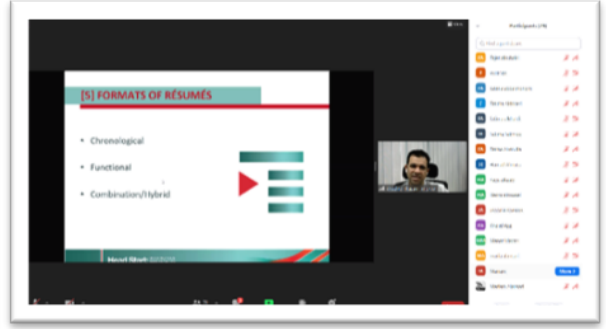
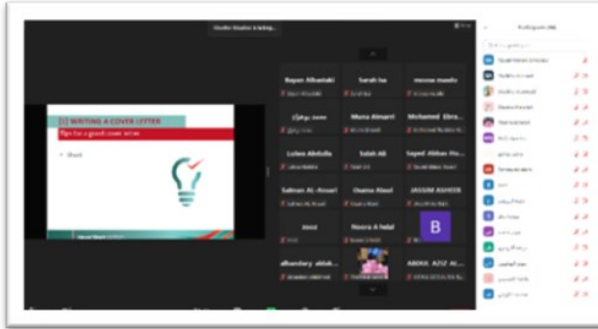


## أقام مكتب التطوير المهني وشؤون الخريجين في عمادة شؤون الطلبة بالتعاون مع مؤسسة إنجاز البحرين " برنامج كيف أبدأ؟ عزز فرصك التوظيفية" يوم الخميس الموافق 14 مارس 2022



بقلم الأستاذة نورة مسلم – مدير مكتب التطوير المهني وشؤون الخريجين و عضو هيئة التدريس في كلية الحقوق

أقام مكتب التطوير المهني وشؤون الخريجين بالتعاون مع مؤسسة إنجاز البحرين برنامج " كيف أبدأ؟ عزز فرصك التوظيفية" يوم الخميس الموافق 14 مارس 2022 من الساعة الثالثة ولغاية السادسة مساءً برنامجاً يتناول عدة محاور تساعد الفئة المستهدفة من طلبة وخريجي الجامعة لاكتساب مهارات تؤهلهم للدخول بكل جاهزيتهم إلى سوق العمل متمثلةً في: كيفية كتابة السيرة الذاتية بإحترافية وفهم أهمية الإعداد للمقابلات الوظيفية بنجاح بالإضافة إلى التعرف على الخطوات المتمثلة في الإعداد لفترة التدريب العملي وكيفية العثور على فرص التدريب العملي المناسبة والتي قدمها الأستاذ خضر عبدالله من شركة ألبا، وقد حضر مايزيد عن 95 طالب وخريج من مختلف التخصصات لكافة الكليات، حيث أشاد المحاضر بتفاعل الحضور المتميز، كما أكدت الأستاذة نصره محمد من مؤسسة إنجاز البحرين على دور جامعة العلوم التطبيقية وكافة المعنيين فيها على التنسيق والمتابعة من خلال تنفيذ برامجها المختلفة التي تستهدف طلبة وخريجي المؤسسات التعليمية، كما أشادت بدور مكتب التطوير المهني وشؤون الخريجين في عمادة شؤون الطلبة لحرصه المستمر على إقامة هذا البرنامج بشكل دوري في كل فصل دراسي ، كما تم توجيه دعوة للحضور من الطلبة والخريجين للاستفادة من كافة البرامج والورش القادمة التي تساهم في تنمية مهاراتهم ليكونوا على أتم الاستعداد للدخول إلى سوق العمل بكفاءة عالية.



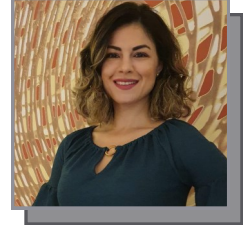


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## Mini English Lesson – Common Acronyms in English

*Acronym = an abbreviation formed from the initial letters of other words*

Acronym	What it stands for
RSVP	Répondez s'il vous plait.   French for Reply please.
ASAP	As soon as possible
BRB	Be right back
DOB	Date of birth
CC/BCC	Carbon copy/Blind carbon copy
ETA	Estimated time of arrival
DIY	Do it yourself
FAQ	Frequently asked questions
IQ	Intelligence quotient
FYI	For your information



Written By:  
Ms. Diana El Hageova  
Lecturer, Department of  
General Studies, College  
of Arts and Science

## Quote of the Week

“Success is not how high you have climbed, but how you make a positive difference to the world.”

- Roy T. Bennett, *The Light in the Heart*

## من روائع الشعر العربي

نُمِسِكُ الْخَيْلَ عَلَى مَكْرُوهِهَا

حِينَ لَا يُمِسِكُ إِلَّا ذُو كَرَمٍ

نَذَرُ الْأَبْطَالَ صَرَعى بَيْنَهَا

تَعَكَّفُ الْعِقبَانُ فِيهَا وَالرَّحَمَ

- الشعر طرفة بن العبد