

# President's News Digest

## Message From the Editor

Welcome to the 8<sup>th</sup> issue of the 5<sup>th</sup> volume of the President's News Digest.

In this issue **Professor Ghassan Aouad**, the **President of the University** will address the subject of "The Future of Engineering"

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Mrs. Hessa Al Meraisi  
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## Message from the President The Future of Engineering

In this issue, I will address the future of engineering. Stanford engineering professor and former dean James Plummer advocates, "engineering education should be broadened to include more liberal arts exposure and more life skills, with the aim of preparing future engineers for unpredictable careers. Engineers will need communication skills, the ability to work in teams, global knowledge, and an entrepreneurial outlook as much as they will need technical depth".

The engineers of the future will not resemble the engineers of today because of the impact of the 4<sup>th</sup> industrial revolution. The future of engineering will rely heavily on creativity, innovation, and problem solving amongst many others.

The history of engineering is associated with 3 overlapping phases related to: agricultural revolution (pre scientific revolution), industrial revolution and information revolution. Every phase has dictated the development of new engineering skills.

A desktop search revealed that the best engineering jobs for 2020 and beyond might fit some of the categories listed below:

Solar Photovoltaic Installers  
Wind Turbine Service  
Software Developers & Engineers  
Biomedical Engineers  
Chemical Engineers  
Civil Engineers  
Electrical and Electronics Engineers  
Environmental Engineers  
Industrial Engineers  
Marine Engineers and Naval Architects  
Petroleum Engineers  
Surveyors  
Information Security Analysts  
Computer and Information Research Scientists

The impact of AI (Artificial Intelligence) on the future of engineering will be enormous. AI should now be taught in all engineering disciplines.

The Greatest Engineering Achievements of the 20<sup>th</sup> Century website lists 20 ways in which engineering has transformed our world. It is important to look at this website in order to help identify the future directions of engineering.



Written by  
Professor Ghassan Aouad  
The President of Applied  
Science University

## References:

[http://  
www.greatachievements.org](http://www.greatachievements.org)

[https://  
www.entechts.com/  
blog/2019/02/the-14-  
best-engineering-jobs-  
for-the-future-for-  
2020-and-beyond](https://www.entechts.com/blog/2019/02/the-14-best-engineering-jobs-for-the-future-for-2020-and-beyond)

[https://  
spectrum.ieee.org/  
view-from-the-valley/  
at-work/education/  
the-engineers-of-the-  
future-will-not-  
resemble-the-  
engineers-of-the-past](https://spectrum.ieee.org/view-from-the-valley/at-work/education/the-engineers-of-the-future-will-not-resemble-the-engineers-of-the-past)

[http://  
www.creatingtechnol  
ogy.org/history.htm](http://www.creatingtechnology.org/history.htm)

## A visit to The British University in Egypt

The President Prof. Ghassan Aouad and the Director of Administration and Finance and President Advisor for Follow Up Affairs Mr Abdulla Al Khaja visited British University of Egypt (BUE) and had fruitful discussions with Prof. Ahmed Hamad BUE President, Ms. Sharon Page University Registrar and the Dean of Engineering Prof. Maguid Hassan and other colleagues from the College of Engineering. Both ASU and BUE are collaborating with London South Bank University to deliver quality education in the region.



Written by  
Mr. Abdulla W. Alkhaja  
Director of the Administration and  
Finance Directorate and the  
President Advisor for Follow Up  
Affairs.



## ASU Attended a Conference in Alexandria on The Role of Higher Education in Providing the Relevant Skills Needed for the Digital Age (Life Skills, Digital Skills, & Leadership Skills)

The President Prof. Ghassan Aouad and the Director of Administration and Finance and President Advisor for Follow Up Affairs Mr Abdulla Al Khaja attended a conference in Alexandria on The Role of Higher Education in Providing the Relevant Skills Needed for the Digital Age (Life Skills, Digital Skills, & Leadership Skills) Which was organised by the Arab Academy for Science, Technology and Maritime Transport in Association with Arab European Leadership Network in Higher Education – ARELEN. And the Association of Arab Universities. Prof. Amr Ezzat Salama the Secretary General of the Association of Arab Universities made the opening speech. The President delivered a key note speech on the leadership and managerial skills needed to enhance staff performance in the higher education sector in the digital era. He addressed the issue of digital transformation and its impact on staff performance, looking at technological, cultural and financial aspects among others. The conference has also included presenters from Egypt (former minister of Information and Technology , President of Alexandria University, Dean of Arab Institute for Leadership Development). It also included presenters from the UK ( Prof. Mohammed Loutfi from Coventry University and Mr. David Lock) and from Lebanon( VP for Research and innovation of MUBS).



Written by  
Mr. Abdulla W. Alkhaja  
Director of the Administration  
and Finance Directorate and the  
President Advisor for Follow Up  
Affairs.

## The College of Arts and Science celebrated Bahrain 48<sup>th</sup> National Day

On the occasion of the glorious 48<sup>th</sup> National Day, the College of Arts and Science joined other colleges and directorates in ASU in these national celebrations.

The two stars of the college were Ms. Latifa Fandi and Ms. Dana AlZari who organized the celebration decoration, traditional food, and national songs.

The joy spread over the college in this national festival, specially when Prof. Ghassan Aouad ,the President of the University, Prof. Khalid Gharaibeh, Acting VP for Academic Affairs and Development , the senior management, and other colleagues who joined us in this celebration.

What made the joy more this year was the victory of the Bahrain National football team in the Gulf Cup.

The College of Arts and Science staff, extend their sincere gratitude and appreciation to: Ms. Latifa Fendi , Ms. Dana Al-Zari for what they prepared that day and they are a true example of leaders when it comes to taking initiatives.

May Allah protect Bahrain and its people and keep this Kingdom safe and secure



Written by  
Dr. Moaiad Khder  
Head of Department Computer  
& Science , Asst Professor  
College of Arts & Science



## COMPUTER SCIENCE STUDENTS INTERVIEWED THE PRESIDENT OF APPLIED SCIENCE UNIVERSITY

On Wednesday, December 4, 2019, A group of Computer Science students interviewed Prof. Ghassan Aouad- President of the University to fulfill an interview assessment in CSC141 Communication Skills course.

For this interview, each student has asked a question and the President answered professionally and clearly. In addition, the President told us some of his rich experiences during different stages of his life. There was a good interaction between us and the president.

### **Q: What do you want to accomplish in the University teaching methods?**

The world is changing, we are dealing with the social media generation now and we can't afford to keep using the broadcasting method where Instructors teach the students and the students receive the information.

We're in a generation where we must make more interactions with the students, teaching should be engaging and exciting, Students must learn from doing projects, assignments as part of team and having more interactive communication with the teacher.

### **Have you thought about adding more academic programmes?**

Adding more academic programmes in the University is part of our vision and we want to add programmes that meet the market needs. We should consider what the market really needs in fresh graduates, in terms of teaching and soft skills.

### **What are the plans for the near future?**

We have a vision for 2020-2025, That we will have plans to start new programmes), new infrastructures, Professional and international accreditation for our programmes.

### **What is the most challenging part of your job?**

Having many different strands of work, strategies and dealing with demands, but I prefer to call it an **opportunities and enjoyments** rather than challenges. We have such a great team

I enjoy watching our students stand and talk confidently, graduating with an honor and doing different academic, extracurricular, and social activities.

### **What is your advice to ASU students in general and to Computer Science Students in particular?**

Work harder, there is no limit to ambitions, there is no failure, we learn from our mistakes and fixes them, do not make anyone frustrate you or diminish your dream or ambition towards anything, believe and trust in yourself.

As computer science students you have many opportunities, the world is approaching a new era of technological development, you can improve yourself and be part of this development that will happen. Everyone is looking for artificial intelligence in this period and I think that this development is in the interest of students of Computer Science, may God grant you success.

Finally, there were other questions asked but I chose some of them, the interview was so rich of information, motivational for all of us, we enjoyed the president's talk, it gave us a push to do better and achieve more, we felt so lucky to be given this opportunity. And he didn't allow us to leave without inviting us to his office to see the office crowded and full of tokens of appreciations, certificates and that was just a sample of what the university and its president manage to achieve so far. We wish our University the best.

The President ended the interview with a beautiful inspirational message: *“Be Happy my students, committed, work hard for the future, work hard now and you will get the result after, life in the university is the best part of your life, join every event and enjoy, enjoy your student life”*.

This Interview was prepped by Ms. Mariam Salman on behalf of the group of Students and tutored by Dr. Moaiad Khder



## Computer Science Students feedback on their interview with Prof. Ghassan Aouad - December 4th

**Maryam Ahmed Yusuf:** The interview was so beneficial to us, I've learned a lot from the president's perspective and how he viewed us as dear students, the president is trying to support us in many ways, and also talked about his success stories and some achievements for our university and future goals. I am thankful for this opportunity that made me more motivated to do my best and grow professionally.

**Safiya Alawadhi:** the interview was really helpful to understand the future for our major and it shows us the achievements of our university.

**Sara Alfaraaj:** Pleased to meet the president of the university professor Ghassan Aouad and thanks for giving me the honor to ask the questions

**Ali Amal:** We gained so much information from the interview

**Khawla Ali:** I enjoyed that interview and everyone showed ideas and questions and I hope there are more interviews like that.

**Noof Saeed Albuflasa:** it was a magnificent experience, gain a lot of information and knowledge about the university and by this interview it helped us to communicate with the president and got to know his point of view about teaching and way of communicating with students.

**Salman Yusuf:** It was an honor to meet the president of our prestigious university, we had a great time talking with his excellency. He is a welcoming person and very sociable. Best wishes to his Excellency.

## Interview with Alumnus



Name:	Mohamed Nasser Abdulla
Workplace:	Entrepreneur
Academic Degree	Bachelor
Academic Major	Political Science
Tell us about your Experience at ASU in terms of learning environment and teaching methods.	The educational environment and the methods of teaching are very idealistic compared to the other universities in the area. Lecturers use advanced methods in education in addition to other strategies that contribute to provide the market with qualified graduates.
What did you enjoy the most about your experience at ASU?	I learned much at ASU through my volunteer work. In addition to that, I got a good experience from the students Council as the financial secretary.
Tell us a success story inspired by ASU.	I decided to be an active student at the university and that is why I nominated myself for the students council. After graduation from the university, I decided to join the Alumni Club as a financial secretary and a member in its fourth session.
In your Opinion, What are the Improvement areas you would like to see at ASU in the future?	Hopefully our university will be known all over the world as one of the best universities.
Final words	All the success to our beloved university



Interviewed By: Mrs. Noora Musalam, **Manager of Career Development & Alumni Affairs Office, Deanship Of Student Affairs**

## National Day Festival in the Ministry of Education

The University participated in a festival addressing the Kingdom of Bahrain National Day that was held and organized by the Ministry of Education. A significant number of Universities and schools were part of this festival sharing their happiness, loyalty and love for the Kingdom.

Ms Ruqaya Mohsin, the Director of Marketing and Public Relations; Mr Ali Mohamed, Assistant Director of Marketing and Public Relations; Mr Hood Sadiq, Administrator in the Deanship of Student Affairs and students from different colleges represented the university in that occasion.

Dr Mohammed bin Mubarak Juma, the Undersecretary for Resources and Services opened the festival on behalf of Dr Majid bin Ali Al Nuaimi the Minister of the Ministry of Education. The booth been visited by Dr Mohammed bin Mubarak, Dr Abdulghani AlShuwaikh the Secretary General of the Higher Education Council, Dr Muna AlBalushi the Assistant Secretary General for Evaluation and Accreditation of the General Secretariat of the Higher Education Council who expressed their happiness during the festival.

In addition, the Secretariat General of the Higher Education Council invited all participants from the higher education institutions in an ambiance full of joy and happiness to cut a cake of the National Day and celebrate this memorable occasion.



Written by  
Ms. Ruqaya Mohsin  
Director of Marketing and  
Public Relations



## Quote of the Week

*"Your work is going to fill a large part of your life, and the only way to be truly satisfied is to do what you believe is great work. And the only way to do great work is to love what you do"*

*- Steve Jobs*