



Jordan University of
Science & Technology

JUST Newsletter

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The Future of Innovation and Modern Technology



In celebration of Jordan's centennial, the Faculty of Science and Arts organized an online symposium entitled "The Future of Innovation and Modern Technology". The keynote speaker was Professor Omar Hatamleh, who has been heading the Technological Integration unit at NASA for more than 25 years. Prof. Hatamleh is a graduate of Stanford University and has several books in the fields of artificial intelligence and technology.

The symposium dealt with a number of different topics, such as Artificial Intelligence and its impact on the different industrial, educational, and commercial sectors, the future of business, energy, sustainability, world economy, along with the applications of both virtual and augmented reality.

Prof. Sa'eb A. Khresat, JUST President, said that holding such symposia is an integral part of the strategic plan of JUST, which aims to keep up with and adopt technological developments, develop the educational process, and foresee future developments in the field of science. Prof. Khresat also stressed the fact that JUST has always supported scientists and will continue to provide them with the necessary tools in pursuit of excellence, creativity, and innovation.

Further, Prof. Qutaibeh katatbeh, Dean of the Faculty of Science and Arts, said that the basic sciences form the backbone of technological development and modern technology. Prof. Katatbeh also pointed out that the university constantly develops academic plans and introduces new programs that seek to keep pace with the future market demands that are expected to heavily rely on artificial intelligence.



JUST Ranked in the Shanghai Global Ranking of Academic Subjects 2021

JUST continues to lead among its counterparts of the most prestigious world universities. JUST has achieved a distinguished rankings inclusion of seven academic programs in several colleges, and this came in the latest version of the Shanghai Global Ranking of Academic Subjects 2021.

In details, JUST ranked among the best (200) universities in the world in the clinical medicine and public health programs, to be in the category (151-200) in each. In addition, the university also appeared in the list of the best (300) universities in the world in the dentistry, veterinary medicine, and nursing programs, to be in the category (201-300) in each, noting that the dentistry program appeared for the first time in the ranking. Moreover, the electrical engineering program ranked among the top 400 universities in the world and for the first time, to be within the category (301-400) and the only and first in Jordan of similar programs. Furthermore, Computer Science and Engineering ranked among the top 500 world universities, in the category (401-500).

JUST President, Prof. Saeb Khresat, said that this achievement along with the other global achievements of JUST would not be accomplished without the hard work and the collaboration of all



the university's academic and administrative staff. Prof. Khresat said that this achievement would not also have been achieved without the university's strategic policies since its establishment. He said that this achievement was also the result of the efforts being paid to the university internationalization, communication and collaboration with prestigious world universities, marketing the university and enhancing its presence in international forums, in order to fulfill the vision of His Majesty King Abdullah II bin Al Hussein.

The deputy director of the Academic Development and Quality Assurance Center at JUST, Dr. Mohammed Said Obeidat, said that the Shanghai Global Ranking of Academic Subjects uses a range of objective academic indicators, and a third-party data, to measure the performance of world universities in respective subjects, including research output, quality and influence, international collaboration and international academic awards for both staff and alumni.

JUST occupies prominent places in global universities rankings, as it is one of the top 500 universities in the world in the Times Higher Education (THE) ranking, and 520 in the US News ranking. In addition, JUST occupies various prestigious ranking in the continent of Asia and in the Arab world by several prestigious ranking institutions.

Deputising for King, Hawari Inaugurates Saudi Radiotherapy Centre at King Abdullah University Hospital

Deputising for His Majesty King Abdullah, Health Minister Feras Al Hawari on Thursday inaugurated the Saudi Radiotherapy Centre at the King Abdullah University Hospital in Irbid.

Funded by the Saudi Fund for Development (SFD), the first of its kind in the northern region, the new centre is an essential step towards radiation therapy for cancer treatment, according to the Jordan News Agency, Petra.

Hawari, during the ceremony, lauded the two kingdoms' deep-rooted ties in all sectors, notably in the health sector.

Commending the role of the SFD in implementing various projects in vital sectors in Jordan, the minister highlighted the importance of the new centre, which can receive up to 3,000 patients annually. The centre is fully equipped and includes a chemotherapy unit, recovery unit and pharmacy.

Saudi Ambassador Nayef Bin Bandar Al Sudairy said that the opening of the Saudi Radiotherapy Centre at the King Abdullah University Hospital reflects the "solid" Jordanian-Saudi ties.

CEO of SFD Sultan Murshid said that the project is part of KSA's efforts to support Jordan's health sector, mainly to improve healthcare services provision.





JUST President Meets with Indonesian Ambassador in Jordan



JUST Organized Open Day for Innovative Projects Funded by ENI CBC MED

Under the patronage of H.E Mohammed Al-Nabulsi, the Minister of Youth, Prof. Saeb Khresat, JUST President, inaugurated the activities of the Open Day of the MYSEA and USOLVE ENI CBC MED projects which are locally coordinated by JUST.

Prof. Khresat in his welcome speech expressed his appreciation to the EU for the funds and support granted to Jordan. Prof. Fahmi Abu Al-Rub, the local coordinator of the two projects acknowledged the importance of these two projects in solving the problem of unemployment among youth, NEETs and women in Jordan through innovative training workshops and courses on blue and green economies.

Dr. Esmat Karadsheh, the coordinator of Eastern Mediterranean Office of the ENI CBC MED projects briefed the audience on the importance of ENI projects in the sustainable development of the target areas and the benefits for the people of these areas.

In addition to MYSEA and U-SOLVE, the activities involved presentations from the stakeholders of both projects and presentations from other ENI projects that are in synergy with MYSEA and U-SOLVE projects.

Joint Research Collaboration Workshop Between JUST and University of Bradford



The Faculty of Pharmacy at JUST, in collaboration with The Faculty of Life Sciences at University of Bradford, UK, organized the 1st research collaboration workshop (12-13/7/2021) online. This workshop, which represents a step of the faculty's pursuits to widen international research collaboration included welcoming speeches from representatives from both deanships, followed by oral presentations from researchers of both sides in which they presented their research interests in different areas including cancer research, molecular biology, pharmaceuticals and pharmaceutical technology, medicinal chemistry, clinical pharmacy, and medical education, and then concluded by socializing breakout rooms. It is worth mentioning that the University of Bradford is a public research university located in the city of Bradford, West Yorkshire, England, and is a member of Yorkshire Universities.

The Deans Council at JUST decided Grants Prof. Yousef Saleh Khader Al-Gaud the Title of “Outstanding Professor” for his Scientific Achievements



Al-Gaud is a professor of Epidemiology and Biostatistics at Jordan University of Science and Technology (JUST). He has master degrees in Public Health (Tulane University), Epidemiology (JUST), and Medical Education (Maastricht University)

and doctoral degree in Biostatistics from Tulane University. He is fellow of Faculty of Public Health of the Royal Colleges of physicians of the United Kingdom through distinction. He supervised more than 100 master and PhD students. He published more than 625 scientific papers in reputable journals including The Lancet, JAMA, Nature, and New England Journal of Medicine. Dr. Al-gaud is the most highly cited researcher in Jordan and distinguished researcher at the international level. He received several funding grants from for his research projects from different organizations. He developed different innovative digital solutions in health such as the Electronic Surveillance System for Neonatal deaths and death auditing and the Immunization Mobile Application. He made substantial contributions to the understanding of the epidemiology of non-communicable diseases and maternal and child health in Jordan. He received many national and international awards such as Ali Mango Award, Distinguished Behavioral Scientist, Distinguished Professor Award, Shoman Award for Young Arab Researchers, SCOPUS Award for Scientific Contribution and Delta Omega Honorary Public Health Society.



El - Salem, President of Jordan University of Science and Technology



A royal decree was issued on Monday, 9th of August, 2021 appointing Prof. Khaled El-Salem president of Jordan University of Science and Technology for a period of four years. Prof. Khalid El-Salem MD|FAAN|MHPE Summary Statement In the academic year of 1989-1990 Prof. Khalid El-Salem finished his high school ranking first nationwide in the kingdom of Jordan in the General High School Examination (Tawjihi) with an average score of 98.3%.

He joined the medical school at Jordan University of Science and Technology (JUST) with a full scholarship and was on the university honor list and college of medicine honor list for distinguished academic performance in 1991-1992. After graduating from JUST in 1996, Prof. El-Salem pursued his higher education in the United States at the University of Arkansas for Medical Sciences and Duke University Medical Center for 5 years, during which he was trained in Neurology and Clinical Neurophysiology and received honors for distinguished academic performance ranking on the 99th centile in the national American Residency In Training Exam.

He became American Board Certified in 4 subspecialties: Neurology, Clinical Neurophysiology, Electrodiagnostic Medicine, and Neuromuscular Medicine.

He also received a master's degree in health professions education. In 2002, he came back home to join the medical school of JUST as an assistant professor, to be promoted over the following years to associate and then full professor in 2012.

During that time Prof. El-Salem was appointed to many administrative positions, from chairman of specialty, to assistant dean of medicine, vice dean of scientific research, vice dean of graduate studies, dean of graduate studies, and finally vice president of JUST (during which he also served as the acting president of JUST and chairman of board of directors of King Abdullah University Hospital for a 4-month transitional period and received a letter of appreciation from the board of trustees for distinguished leadership performance). As the Vice President of JUST, his responsibilities span through the faculties of medicine, dentistry, pharmacy, nursing,

applied medical sciences, graduate studies, agriculture, veterinary medicine, as well as the health centers, the pharmaceutical research center, the regional institute for infectious diseases and antimicrobial resistance, and Princess Haya biotechnology center.

As a part of his duties, he attended numerous workshops related to higher education and quality assurance, on top of a long list of professional conferences worldwide.

Part of many achievement of El-Salem, he established the first neurology residency program in Jordan along with his peers, which is still the only program in country till this moment, and the first higher specialty program of neurology at JUST. He also established the first sophisticated neurophysiology laboratory in the country. Prof. El-Salem was then recognized by his peers by being elected as chairman of the scientific committee of the Jordanian Neurological Society for two years, and then became the youngest neurologist to be elected as the president of the Jordanian Neurological Society (the leading neurology position in Jordan), serving as such for two years. Prof. El-Salem was the first neurologist in the country, and amongst a few in the region, to be granted the prestigious fellow status of the American Academy of Neurology.

Prof. El-Salem was appointed as a member of the board of trustees of two government universities; Muta University for two years, then Tafila Technical University for four years.

He served in many high ranked committees in the Ministry of Higher Education and Scientific Research (detailed later) and chaired the medical and pharmaceutical sector committee for Scientific Research Fund. He also chaired the scientific committee of the Jordanian Board of Neurology and served as a member of the higher education committee for the board.

He was either a team leader or a team member of numerous well-funded research projects from both national and international funding agencies, and served on the advisory boards of multiple pharmaceutical companies in the area of his specialty.

Prof. El-Salem presented his scientific research in the highest impact conferences in the field, in the United States and Western Europe,

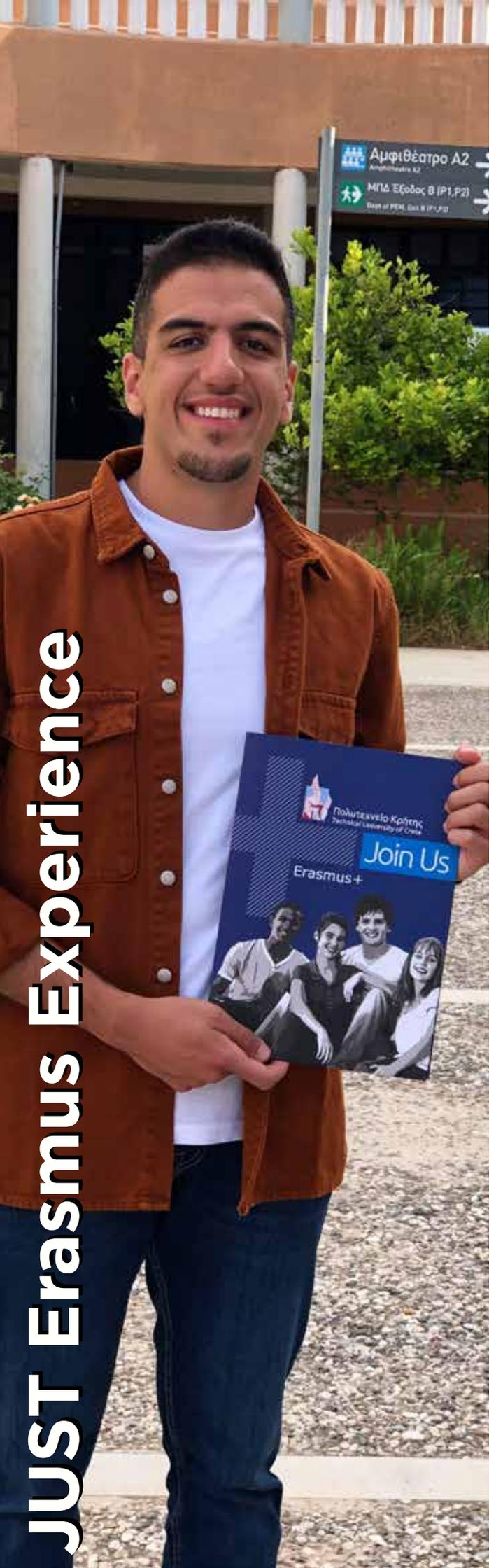
and won the prize of best abstract presented in the 11th Congress of the European Federation of Neurological Societies (EFNS), August 27th, 2007, Brussels, Belgium. He managed to publish numerous articles in the leading journals of neurology and medical education and continues to be active in research with multiple on-going institutional, national, and international projects.



Association of Jordanian Women Academics Delegation Visits JUST

JST President, Professor Khaled El-Salem, received a delegation from the Association of Jordanian Women Academics, headed by Dr. Lubna Akroush, President of the Association. Dr. Akroush, on behalf of all members of the association extended sincere congratulations and greetings to Prof El Salem for his appointment as a president of JUST and wishing him success in his new duties. During the meeting they discussed future mutual cooperation towards empowering Jordanian women academics

JUST Erasmus Experience



My travel experience to Chania city, Crete Island, Greece at Technical University of Crete:

What a special and wonderful experience was added to my life, especially in Chania, Crete in Greece. My paperwork was completed just two hours before the deadline to apply for the opportunity, I was worried because of the Covid 19 lockdown, but finally said the opportunity would come once in a lifetime. When you arrive in the city of Chania, you will be charmed by its beauty from the first step in the city; with its old port, old city and good people, I have explored the city literally on foot.

Technical University of Crete was very helpful during our stay, especially the Erasmus office with its amazing team; Markos and Eleni. In addition to our courses; they gave us a Greek language course with an introduction to Greek history and places, so the Greek course was a great addition to the experience. All my professors were very helpful, especially I have done my diploma thesis there, so it was a great research experience.

Because of the lockdown in Europe, I could not travel all over Europe, but for me it was fine, because I have discovered many cities in Greece including Crete Island and Athens.

Many thanks to the International Relations Office for this opportunity to travel abroad and especially Ms. Fawzia Ammoura for her unlimited support before, during and after the travel period.

Bashar Ramahi

Academic Promotions



Prof. Mohammed N. Banihani
Faculty of Medicine
Department of General Surgery and Urology
Professor



Dr. Sohaib M. Al-Khatib
Faculty of Medicine
Department of Pathology and Microbiology
Associate Professor



Dr. Jihan M. Muhaidat
Faculty of MEDICINE
Department of Internal Medicine
Associate Professor



Dr. Adi H. Khassawneh
Faculty of Medicine
Department of Public Health and Community Medicine
Associate Professor



Dr. Abdel Rahman A. Al Manasra
Faculty of Medicine
Department of General Surgery and Urology
Associate Professor



Prof. Ghazi G. Al-Khateeb
Faculty of Engineering
Department of Civil Engineering
Professor



Prof. Nabil M. Al-Akhras
Faculty of Engineering
Department of Civil Engineering
Professor



Prof. Mohammad A. Khasawneh
Faculty of Engineering
Department of Civil Engineering
Professor



Prof. Mohammed A. Almomani
Faculty of Engineering
Department of Industrial Engineering
Professor



Prof. Wafa M. Batayneh
Faculty of Engineering
Department of Mechanical Engineering
Professor



Dr. Ruba S. Darweesh
Faculty of Pharmacy
Department of Pharmaceutical Technology
Associate Professor



Dr. Buthina A. Al-Oudat
Faculty of Pharmacy
Department of Medicinal Chemistry and Pharmacognosy
Associate Professor

Academic Promotions



Dr. Wafa'A F. Ta'An

Faculty of Nursing
*Department of Community
and Mental Health Nursing*
Associate Professor



Prof. Khaleel I. Jawasreh

Faculty of agriculture
*Department of Animal
Production*
Professor



Prof. Mohammad M. Obaidat

Faculty of Veterinary
Medicine
*Department of Veterinary
Pathology and Public
Health*
Professor



Dr. Mohammad H. Gharaibeh

Faculty of Veterinary
Medicine
*Department of Basic
Medical Veterinary
Sciences*
Associate Professor



Prof. Mohammad A. Ibnian

Faculty of Science and Arts
Department of Humanities
Professor



Prof. Ibrahim M. Al-Ayyoub

Faculty of Science and Arts
*Department of Mathematics
and Statistics*
Professor



Prof. Khaldon G. Bodoor

Faculty of Science and Arts
*Department of
Biotechnology and Genetic
Eng.*
Professor



Prof. Abdel Rauf M. Rjoub

Faculty of Computer &
Information Technology
*Department of Computer
Engineering*
Professor



Dr. Mohammad H. Al-Zinati

Faculty of Computer &
Information Technology
*Department of Software
Engineering*
Associate Professor



Dr. Omar M. Meqdadi

Faculty of Computer &
Information Technology
*Department of Software
Engineering*
Associate Professor

Alumni Story

Hello! First, I would like to introduce myself, my Name is Zaid AbuManneh and I'm going to take you to my journey that lead me acquiring my current position; Operations Manager at Aramex Morocco.

In 2012 I have graduated from school and was searching for the exact major to study. I was in love with engineering and business hence the target settled on "Industrial Engineering". Now it's time to explore and choose the University and after conducting multiple surveys and visits to all Jordanian educational universties and without any hesitation, I have chosen the "Jordan University of Science & Technology" for what it represents from history, reputation, ratings, departments, educational system and quality of people.

I've spent five years at JUST in which I learned how to think, present, study and deal with people and it was my best years yet the hardest since I had to travel to Irbid on a daily basis, I couldn't take a dorm as I had to return back to Amman to work... So I was studying and working at the same time and I encourage all the current students to search for the right opportunity to do them both.

For the last semester and during the graduation project phase with my colleague and gained brother Ibrahim Al Qadi and under the



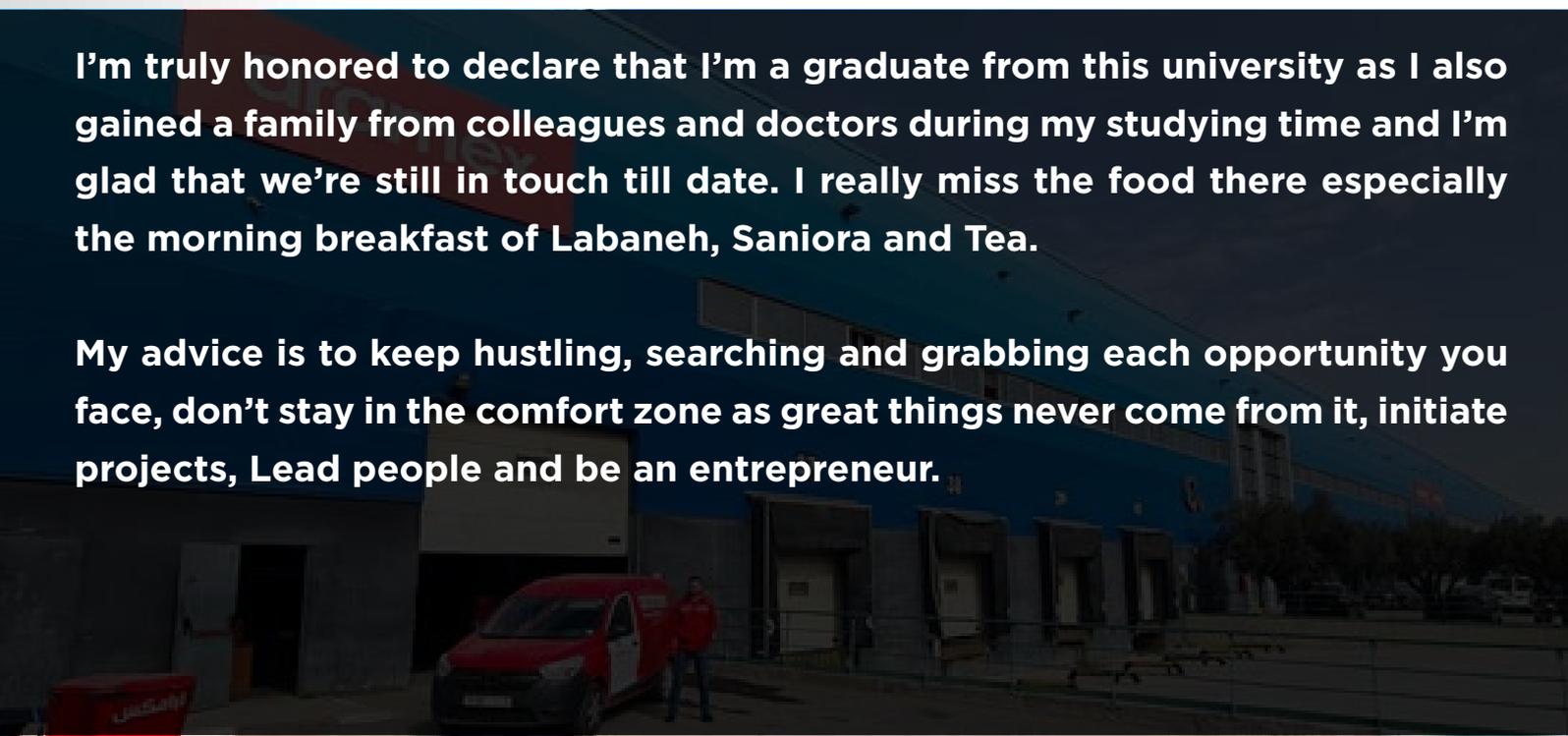
supervision of the greatest Dr. Nader AlTheeb we have decided to partnership with Aramex and initiate a Route Optimization Method and process to save time on the courier and fuel money on the company relating to increasing the productivity and customer experience. Which lead us to gain the “Certificate of Best Paper Award” in the ICORMA 2017: 19th International Conference on Operations Research, Management and Applications and we had it published!

Continuing our last part of the journey and after the graduation part, I have decided to apply for Aramex and got accepted as a cooperate operations member at the Global Support Office in Amman-Jordan, then with a lot of dedication and hard work I got elevated step by step till I moved to Morocco and reached the Operations Manager for the whole country; which I’m responsible for over 125 employees, 100 vehicles and over 100K monthly shipments which each is treated as my own order to ensure the maximum customer satisfaction. And I’m still looking forward to reach higher steps and degrees.

During this journey, I never stopped learning, reading and acquiring multiple certificates and knowledge to enhance my career similar to (French Language, Lean Six Sigma, Macros in excel, Simulation, Automation, PowerBI, Time Management, Several Managements & Operations articles, books and researches) I’m looking forward to start my MBA Certificate (Masters in Business Administration) in addition to PMP (Project Management Professional) and CSCP (Certified Supply Chain Professional) this year.

I’m truly honored to declare that I’m a graduate from this university as I also gained a family from colleagues and doctors during my studying time and I’m glad that we’re still in touch till date. I really miss the food there especially the morning breakfast of Labaneh, Saniora and Tea.

My advice is to keep hustling, searching and grabbing each opportunity you face, don’t stay in the comfort zone as great things never come from it, initiate projects, Lead people and be an entrepreneur.





International Student Station



I'm Abbas Yasir an Iraqi international student and a 5th- year medical student at Jordan university of science and technology (J.U.S.T.)

I want to seize the opportunity to talk about my university (J.U.S.T) that's one of the best universities that provide all the student with state-of-the-art options in every aspect (education, skills, facilities and settlement options).

My rewarding experience at J.U.S.T is truly new chapter in my life.

After graduation hopefully I will be a proud holder of MBChB .

Vision

An internationally renowned university in educational quality, knowledge creation and dissemination, and community leadership and development.

Mission

Provide high caliber educational and professional services that contribute to knowledge progress and dissemination and lead and develop communities and humanity at large in addition to creating scientific and technological environments that are conducive to excellence and initiating local and global partnerships to eventually prepare distinguished graduates who appreciate diversity and are capable of life-long learning and contribute to sustainable development.

Strategic Goals

- Create a multicultural environment that satisfies the expectations of all students, nurtures students' activities, and enhances their spiritual and moral values.
- Achieve national and international accreditation in all programs and academic fields.
- Implement undergraduate and graduate programs that meet market needs.
- Develop advanced technologies such as nanotechnology and nuclear energy.
- Apply total quality management in the administrative, technical and financial services offered by the university.
- Secure funds for basic and applied research projects particularly those serving emerging scientific and technological areas and encouraging innovation, creativity and excellence.
- Increase university revenue and manage its expenditure to achieve financial independence and stability.
- Adopt policies and procedures to transform JUST to a "green" and "smart" campus.

Values

- Respect of Stakeholders.
- Commitment.
- Integrity.
- Transparency.
- Responsibility.
- Leadership and Teamwork.
- Quality and Excellence.

