



# UDST POST

MAY 2023

جامعة الدوحة  
للعلوم والتكنولوجيا  
UNIVERSITY OF DOHA  
FOR SCIENCE & TECHNOLOGY

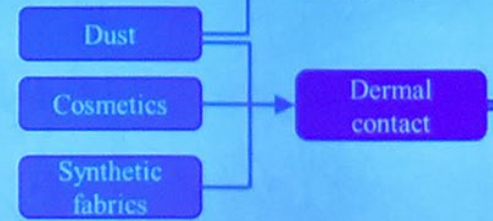
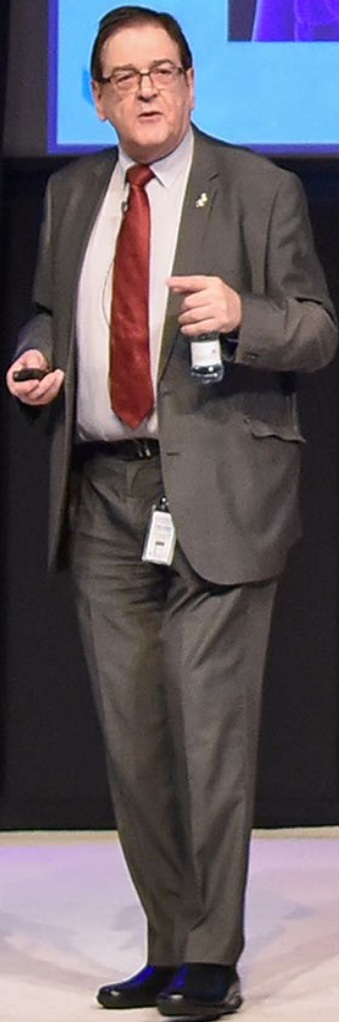


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## TECHNOLOGY AND HEALTHCARE



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## Message from the President

Dear students, faculty, and staff,  
Welcome to the twelfth issue of our UDST POST.

We are nearing the end of our academic year. Our graduands are getting ready to celebrate their achievements on the 20th of June 2023, and many of you are looking forward to passing the finals and starting the summer break.

Time flies indeed, and while the concept of time is self-evident, it is still relative and what we are able to accomplish during a period of time is what matters the most.

In this issue of UDST Post, we are bringing to you many news and activities that are shaping the future of our University. First, we brought together experts from across the globe on campus, in collaboration

with Qatar Cancer Society, to share their latest research and insights on technological innovations for cancer screening and prevention.

Furthermore, UDST has launched 8 new programs to address industrial needs and economic growth and we hosted the Intercollegiate Padel Tournament on campus. We signed many new agreements and partnered with high-level entities to bring on campus the most relevant and beneficial events to our community.

Finally, I send my heartfelt wishes to all our future graduates. You have reached a great milestone in your life, keep charting your path to the future with confidence and keep leading like “Wolves”!

Dr. Salem Al-Naemi  
President,  
University of Doha for Science and Technology



## UDST in collaboration with QCS organizes an international conference on Technological Innovations for Cancer Screening and Prevention

University of Doha for Science and Technology (UDST) in collaboration with Qatar Cancer Society (QCS) brought together experts from across the globe on campus to share their latest research and insights on technological innovations for cancer screening and prevention.

The conference was attended by Dr. Salem Bin Nasser Al-Naemi, President of University of Doha for Science and Technology alongside scientists and researchers from local and international academic institutions and organizations including the International Agency for Research on Cancer.

The event focused on shaping the future of cancer prevention and screening through technology. The main objectives were to identify priority technologies in cancer prevention and screening relevant to the Qatar context and understand best practices for the adoption of relevant emerging technologies in multidisciplinary and multisector approaches. The event also aimed at recognizing technological solutions to overcome challenges of cancer risk reduction and screening based on insights from the community and people living with cancer. The conference focused as well on collaborations for cancer prevention and screening research, in addition to identifying priority research areas and submitting policy recommendations to inform policymakers involved in the implementation of Qatar Cancer Plan 2023-2026



During his welcome address Dr. Salem Al-Naemi, President of UDST said: “This conference is a culmination of a monthly series of cancer talks that began a little more than a year ago in collaboration with Qatar Cancer Society. As the first applied University in Qatar, we believe in the importance of harnessing applied science and technology to unlock new possibilities and better serve humankind. The fight against cancer is not an easy battle, but the presence of the experts with us today shows a great commitment to collaborate and help in cancer detection and prevention.

The College of Health Sciences at UDST is constantly engaging in research and working on developing a competent and confident healthcare workforce that is person-centered, and prepared to integrate an interprofessional team and collaborate to meet the needs of the healthcare sector and support the National Health Strategy and the National Cancer Care Strategy. I am quite confident that together, we will be able to tackle the multiple facets of technology in the health sector and play a critical role in the creation of technological advancements that will ultimately improve the patient’s experience of care and contribute to saving lives.”

The discussions covered many topics such as the technological innovations within the National Breast Cancer Screening Program, the evaluation of artificial intelligence-based devices for cervical cancer, early detection, the serum, plasma, and saliva biomarkers for head and neck cancer, reduction of cancer recurrence, reducing cancer risk in the environment, genetic testing for cancer prevention, mobile cancer screening experiences in Oman, knowledge attitude and perceived barriers regarding cancer screening and risks and the role of UDST in building capacity for cancer risk reduction and screening through technology.

The event saw as well a panel discussion on lung cancer screening challenges in Qatar. The hybrid international conference on Technological Innovations for Cancer Screening and Prevention was an Accredited Blended Learning Activity (Category 1) as defined by the Ministry of Public Health – Department of HealthCare Professions – Accreditation Section.







University of Doha for Science and Technology (UDST) announced the launch of 8 new programs that were created to address the market needs and contribute to economic growth in Qatar and the world. The list of programs includes Bachelor's Degree in Marine Engineering, Smart Manufacturing Engineering, Software Engineering and Midwifery. Included as well in the list is a two-year Post-Diploma Bachelor of Science in Midwifery, a Master's Program in Sustainable Tourism Management, a Post-graduate Diploma in Interprofessional Neonatal Intensive Care and a Post-graduate Diploma in STEM/ TVET Education.

All new programs are available for the Fall 2023 semester and are open for admission. UDST revealed the uniqueness of some programs shedding light on each and every aspect of them. The Marine Engineering program is the first, occupationally dedicated undergraduate program in Qatar and exclusive to UDST. While the program meets international standards and accreditation, it relies on a customized curriculum to answer local needs, codes, and practices in Qatar, particularly related to LNG shipping. The Marine Engineering program will support the mega expansion of LNG production and shipping in the State of Qatar.

The Smart Manufacturing Engineering program is also unique and a necessity in a rapidly evolving economy and will prepare students to integrate high-level skills in managing smart manufacturing and design processes. Furthermore, the Software Engineering program will graduate software experts who are needed in the new era of automation impacting almost all industries and businesses.

The Master's Program in Sustainable Tourism is designed to attract students who wish to develop specialist skills in managing sustainable tourism, eco-tourism, and heritage tourism. After the successful organization of the World Cup, Qatar is becoming the destination of choice for both business and pleasure and a hub for international tourists, hence, the demand for such a program is very high.

The Midwifery Program is inaugural to Qatar and addresses the country's need to develop "homegrown" midwives who can contribute to its vision for healthy women leading to healthy pregnancies. The program is aligned with the International Confederation of Midwives standards of education that will prepare midwives to provide skilled, knowledgeable and compassionate care for childbearing women, newborn infants and families across the continuum from pre-pregnancy, pregnancy, birth, postpartum and the early weeks of life.

The Interprofessional Neonatal Intensive Care Program is developed in response to Qatar's workforce needs for specialty education to prepare health professionals working with high intensity care neonates in neonatal intensive care units. The program will be offered through micro-credentialing to support working health professionals to return to upscale their specialized knowledge and skills to care for vulnerable babies.

The STEM/TVET Education program is designed for bachelor's degree graduates, industry professionals, and qualified professional educators, who are interested in gaining the knowledge, skills and competencies to work as Educators/Trainers/Lab Instructors/Experiential Learning Facilitators in education environments utilizing STEM/TVET curricula and industrial training settings.

Commenting on the announcement Dr. Salem Al-Naemi, President of UDST said: "At UDST, we continuously strive to provide world-class education and offer our students programs that give them real-life experiences and prepare them to lead the careers of the future. We are pleased with our increasing number of students which has reached 7000 so far, and we are happy to see that the new generation and their parents have become more aware of the importance of applied education. Our students learn in simulated environments and get the chance to experience the professional world through our partners' network as well. It is through a critical and integrative learning experience that UDST builds graduates with employable skills."

UDST has more than 60 programs that fall under 5 main streams: Engineering Technology, Business Management, Computing and Information Technology, Health Sciences and General Education. Applicants can register online through the website, [www.udst.edu.qa](http://www.udst.edu.qa). Both Qatari citizens and children of Qatari women are exempt from tuition fees for undergraduate programs. Academic entry criteria differ according to programs. Nevertheless, students need to present a high school graduation certificate, with an overall average of minimum 60% or an equivalent required score or higher on the UDST English Placement Test, or an equivalent; and completion of the Math Placement Test. Applicants who do not meet the entrance requirements may be considered for the Foundation Program designed to help them acquire the needed skills to enter their program of choice.

UDST has designed its curriculums based on the Qatar National Qualifications Framework and international accreditation bodies. All programs are delivered using hands-on applied experiential learning methodologies and include 40-70% applied components and practical experience related to one or more occupational field(s) of practice. The programs are led by qualified academics in technology-rich classrooms, workshops, state-of-the-art laboratories, and simulated environments. The University has transformed the education and work landscape of Qatar, distinguishing itself as a destination in the state for Technical and Vocational Education and Training (TVET), and a source of top-notch talent.





## UDST campus hosts the Intercollegiate Padel Tournament

As part of UDST's commitment to fostering a vibrant and inclusive sporting culture, the University hosted the Intercollegiate Padel Tournament on campus.

The tournament was organized in collaboration with the esteemed Qatar Collegiate Sport Federation (QCSF) and the Qatar Tennis Federation overseers of the sport of padel in Qatar.

The indoor padel courts, located in our state-of-the-art multi-purpose hall, provided the perfect setting for this thrilling competition. The audience witnessed the incredible skills and teamwork of our Wolves Padel Teams as they showcased their prowess on the court. The finals were attended by Dr. Ibrahim bin Saleh Al Nuaimi, the QCSF Secretary General and Dr. Salem bin Nasser Al Naemi President of UDST. Our dedicated athletes have put in countless hours of practice and preparation for this tournament and as a result, UDST came second in the female tournament and third in the male tournament.

## UDST and Qatar Armed Forces Technical Institute sign a cooperation agreement

University of Doha for Science and Technology (UDST) has signed a cooperation agreement with Qatar Armed Forces Technical Institute (QAFTI). The agreement aims to enhance the development of the Institute's students and graduates by offering them academic pathways in the fields of engineering, computing and information technology, and cyber security, or any majors required in the future.

Dr. Salem Al-Naemi, President of UDST, and Brigadier General (Tech/Air) Mohammed Z. Al-Rowaili signed the agreement on the University's campus in the presence of officials from both institutions.



The agreement serves as a framework for several academic projects to be carried out between the two entities. These include reviewing the current academic curriculum of QAFTI by the UDST's relevant academic departments and reporting the recommendations to the management of QAFTI.

The signatories will also collaborate on applied research projects and develop new training programs that serve the armed forces units. UDST will also offer technical and academic training on campus to the QAFTI students and trainers in different fields.



## UDST participates in Al Reyada Energy Seminar 2023



Held from May 15 to 17, 2023, the seminar, with experienced professors from TotalEnergies Professors Associates (TPA), contributed to fostering the growth and development of more than 220 participants from different universities and companies in Qatar.

By connecting industry and academia, the event provided our students with unique opportunities to learn from experienced professors and engage in fruitful discussions on challenges within the industry. Throughout the seminar, a strong emphasis was placed on the significance of sustainability and the need to transition to cleaner energy sources in order to effectively address climate change. The seminar concluded with a gala dinner with dignitaries from TotalEnergies Qatar's partner academic and industry institutions, and seminar participants. Dr. Salem Al Naemi, President of University of Doha for Science and Technology (UDST) who was the Al Reyada 2023 Gala Dinner Guest Speaker, highlighted the importance of building strong academia-industry relationships and commended TotalEnergies' role in supporting initiatives like TAMKEEN. Dr. Al Naemi praised the efforts to provide valuable support and opportunities to students, acknowledging the positive impact on their education and future careers.

## UDST hosts “The Future CFO Roadshow”



UDST hosted the Future CFO Roadshow, an invaluable resource for aspiring professionals looking to build their financial acumen. The event is organized by IMA and is considered a foundation for the accounting & finance managers to equip themselves for the CFO's role.

The event empowers them with the skills, network, and knowledge of proven industry leaders, arming them with the tools they need to secure success in a team or lead role.

The roadshow's theme focused on navigating challenges, seizing opportunities, and strategies for future CFOs. The Roadshow opening remarks was given by Dr. Rachid Benlamri, Vice President, Academic Affairs at UDST and the University's CFO James Poirier was invited to the event as a panelist.





## UDST signs an MoU with Management Center Europe

Continuing and Professional Education (CPE) Directorate at University of Doha for Science and Technology announced its new partnership with the global leader in talent development Management Center Europe (MCE) during a virtual ceremony that was organized at the University.

The agreement was signed by Dr. Salem Al-Naemi, President of UDST and Patrick Faniel, Managing Director of MCE in the presence of an official delegation from the University and representatives from MCE.

This collaboration allows candidates in Qatar to access a unique international accreditation preparation that is becoming the new standard of excellence in management AMA-CPM™. The latter is a unique certification that defines the international standard of excellence for managers. Professionals who are AMA-CPM™ certified are individuals who master the key skills that successful managers need to demonstrate.

## UDST Deen Club participates in Global Youth Interfaith Forum



Four students from University of Doha for Science and Technology attended the “Global Youth Interfaith and Intercultural Forum Qatar - 2023 (GYIIF23): Interfaith Dialogue from Theory to Practice”, held earlier this year. The students are: Sahla Ea, Fatima Gul Zeb, Aisha Sideeqa, and Waleed Mahimi. 57 international and 14 local participants were part of this forum.

During the four-day event, participants attended several sessions and workshops to learn and present their skills and knowledge on various aspects of interfaith and interpersonal dialogue including peacebuilding and negotiation as a response to challenges related to youth, religious pluralism in the Middle East, global citizenship, and climate change.

Representatives from different international organizations and local universities delivered talks on different issues such as spirit and cultural communication and diversity in sports etc. The program was very exciting and at the same time a great encouragement to work in collaboration and break the stereotypes surrounding faith and culture to all the youth who traveled from across the globe to attend this forum.



## UDST Faculty Member Elected President of the Asia Pacific BioInformatics Network (APBioNET)

The Asia Pacific BioInformatics Network (APBioNET), one of the oldest and most notable bioinformatics organizations in the Asia & Pacific region, announced the appointment of Dr. Mohammad Asif Khan, Professor and Associate Dean for the College of Computing and Information Technology at the University of Doha for Science and Technology (UDST), as the President of the organization, following the election results for the term 2022-2024. Dr. Khan has been re-elected by APBioNET members as the President of the organization for a third term. He is the fourth President to serve and lead APBioNET, first elected for the term 2018-2020 and subsequently re-elected for the term 2020-2022 and now 2022-2024.

Dr. Khan brings many years of experience in leading the organization, with outstanding and visionary contributions to the community at large, in shaping the path forward for bioinformatics in the region. He has been responsible for many of the novel initiatives and activities of the organization, particularly focused on connecting and advancing the community. Among the notable initiatives achieved under his leadership, APBioNET has launched a Bioinformatics Grand Challenges Consortium (BGCC), bringing together leaders in the field from different parts of the world to reflect proactively and critically on the future grand challenges of the field and propose solutions.

Dr. Khan is also championing the realization of the first-ever Asia & Pacific Bioinformatics Joint Congress (APBJC), which will be hosted by Japan in 2024 and aims to be the single largest event for bioinformatics in the region. "It is an honor to be re-elected as the President of APBioNET for a third term," said Dr. Khan.



He also commented on the relevance and importance of his presidency to UDST and the gulf region adding, "As a faculty member of the University of Doha for Science and Technology, it is a great opportunity for us to promote bioinformatics in Qatar and the broader GCC region through the APBioNET platform. I envision APBioNET as a catalyst to galvanize the broader life and health sciences community to work together in addressing the grand challenges in bioinformatics and computational biology." Dr. Khan will be supported in his current role by a Vice President, Secretary, Treasurer, and other members of the Executive Committee (ExCo), representing different regions of Asia & the Pacific.



## Graduation



### احفظ التاريخ Save the Date



### حفل تخرج طلبة جامعة الدوحة للعلوم والتكنولوجيا UDST Graduation Ceremony



مركز قطر الوطني للمؤتمرات  
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