



UDST POST

JANUARY 2024

جامعة الدوحة
للعلوم والتكنولوجيا
UNIVERSITY OF DOHA
FOR SCIENCE & TECHNOLOGY



SPEARHEADING INNOVATION IN GCC UNIVERSITIES SPORT AND WELLNESS



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Message from the President

Dear Wolves,

Welcome to the seventeenth issue of our UDST POST.

January was a period brimming with significant academic and sporting occasions, mirroring the lively and energetic atmosphere that defines UDST. By uniting all GCC universities and leagues during the GCC Universities Sport and Wellness Symposium, we did not just celebrate sports; we advocated for a lifestyle that values wellness and holistic development. We also greeted incoming students for the spring semester, introducing them to the unique support system available at UDST to help them thrive.

Our lineup of academic symposiums on cutting-edge topics like 3D printing and cybersecurity showcased UDST's leadership in these fields. These events are bridges connecting academia and the professional world, ensuring that our students and faculty are at the forefront of technological advancements and industry trends.

This month also marks a significant milestone with the launch of UHUB, our business incubator, in collaboration with the renowned tech incubator DMZ from Toronto Metropolitan University. UHUB is not just a space; it's a breeding ground for innovation, empowering our community to transform ideas into impactful realities. I encourage each one of you to leverage this opportunity, for it's in spaces like UHUB where the next generation of entrepreneurs and visionaries are born.

I am excited and hopeful, eagerly anticipating the innovations and successes our students and faculty will bring. Within the pages of UDST, you'll discover numerous stories that showcase the profound impact the University has on both the community and the education field.

Together, let's strive to make UDST a cradle of creative science and technology and a reference in sports excellence.

Dr. Salem Al-Naemi

President,

University of Doha for Science and Technology



UDST Hosts Milestone GCC Universities Sport and Wellness Symposium

University of Doha for Science and Technology (UDST) proudly opens its doors today for the start of its inaugural GCC Universities Sport and Wellness Symposium. The three-day conference brings together senior university sport and wellness leaders, national and international sport federation representatives, government officials, sport experts and university students from across the region. The conference aims to promote growth and foster collaboration for regional student sport opportunities while exploring the importance of wellness in student setting. Held over 14-16 January, 2024, the symposium is organised by UDST's Sport and Wellness Department, with the support of active event partners Federation Internationale du Sport Universitaire (FISU), and the Qatar Collegiate Sport Federation (QCSF).

President of FISU and President of the Swiss University Sports Foundation.

H.E. Dr. Ibrahim Saleh Al-Naimi, President of QCSF reiterated the importance of building higher education institutions that play a center-stage role in sports at both regional and global levels. He said: "This symposium, is not just fostering sport and wellness in the educational settings, but also nurturing the holistic well-being of our youth. Integrating sports into our educational fabric ensures that physical wellness and academic achievement go hand in hand. We are pleased with the participation of many high-level delegations from the GCC which underscores the importance of collaboration in building healthier, more vibrant university communities across the region."



The symposium commenced with opening remarks presented by Dr. Salem Al Naemi, President of UDST, followed by H.E. Dr. Ibrahim Saleh Al-Naimi, President of QCSF and the Undersecretary of the Ministry of Education and Higher Education in Qatar and Leonz Eder,

Commenting on the event, Dr. Salem Al-Naemi, President of University of Doha for Science and Technology said: "UDST, in alignment with Qatar National Vision 2030 that embraces sports as a crucial tool for growth and well-being, hosts this event, underscoring Qatar's dedication as a passionate sporting nation. The integration of exercise and wellness into education institutions is essential, and a large part of how our University cultivates well-rounded individuals who thrive in both academic and extracurricular domains. Studies have shown that physical activity could improve focus and attention notably in mathematics and science subjects. Furthermore, sports programs are an important tool for reducing violence and improving student behavior. By hosting this event, we aim to encourage stronger awareness among attendees and achieve an enhanced understanding of how important student wellness is in the post-secondary education sector."



Mr. Leonz Eder, President of the International University Sports Federation said: "FISU is delighted with the collaboration and participation in the GCC Universities Sport & Wellness Symposium 2024. This event promises to provide a dynamic platform for meaningful discussions on pivotal subjects, including the significance of University Sports within the Gulf region and the myriad benefits of health and well-being through sports engagement in higher education.

We extend our gratitude to UDST, QCSF, as well as national and local authorities of Sport and Higher Education. We also express our appreciation to our distinguished speakers from Qatar and around the world. The topics under consideration, spanning sports competition to the crucial role of Healthy Campus programs in fostering the holistic development of students, will not only strengthen our collective bonds but also leave a legacy that will serve the entire higher education community."

Many speakers took part in the symposium including Eric Sainttrond, Secretary General and CEO of FISU; Prof. Dr. Khalid Almuzaini, President of Saudi Universities Sports Federation (SUSF) and Vice President of Asian University Sports Federation (AUSF); and Fernando Parente, Director of FISU's "Healthy Campus" Program. The symposium's keynote speaker is two-time Olympic Medalist Dr. Noemi Zaharia Lung, Director of Sports Leadership and Associate Professor at the United States Sports Academy in Alabama, USA, who will also deliver Day 2's plenary session about the importance of wellness.

The official theme of the conference is "Towards a Vision of Collaboration and Growth", with principal focus on exploring collaborative hosting and competition opportunities across the region, productive discussions on the growth of elite sport within the university sector, and the establishment of a multinational network committed to increasing interuniversity sport and wellness initiatives

across the GCC. Another major topic of the symposium is the FISU "Healthy Campus" program, which advocates for the holistic development of students' physical and mental health. UDST's diverse range of sports programs and services was the first in the MENA region to be recognised by the program and be awarded FISU Platinum status, making it a fitting host for the symposium.

Mr. Tony Martin, Manager of Sport and Wellness at UDST, remarked, "There are over 100 post-secondary institutions already participating in the FISU program, as we are. We hope to inspire more universities to join this transformational wellness initiative, which would elevate the quality of individual university sports for everyone. The GCC region in particular is witnessing a significant shift in the role of higher education institutions in sports development. By bringing together key stakeholders for the first time at such collaborative events as the symposium, I believe UDST is helping to set the stage for a successful future in university sports and wellness."

The symposium coincided with the ongoing AFC Asian Cup hosted in Qatar, providing the perfect backdrop for discussions on collaboration and competition. In organizing the GCC Universities Sport and Wellness Symposium, UDST and its event partners are bringing a unique opportunity to help shape a robust and sustainable sports and wellness culture for universities in the Gulf – a pioneering approach to student development.

Dr. Brian McCommons from the Program Development and Accreditation Department was part of an expert panel during the GCC Universities Sport and Wellness Symposium 2024. Dr. Brian spoke about the research project being conducted in the USDT Sport and Wellness Department which involves integrating a health and wellness component during students' first year on campus. This wellness intervention is focused on developing the students' knowledge around physical and mental well-being and how this knowledge can support their academic experience.



Shaping the Future of Digital Safety: UDST's International Symposium on Cybersecurity in Industry

University of Doha for Science and Technology (UDST) hosted the opening ceremony of the International Symposium on Cybersecurity, shining a spotlight on the challenges, opportunities and applications of the practice across a variety of industrial sectors. Hosted by the University's College of Computing and Information Technology (CCIT), the symposium is organized in partnership with Qatar's National Cyber Security Agency (NCSA) and in conjunction with UDST's cybersecurity partner Palo Alto Networks. The pioneering two-day event reflects UDST's strong commitment to Qatar's vision: to be ahead of the curve on matters of IT-related and Internet security.

Among the special guests attending were H.E. Eng. Abdulrahman Ali Al-Malki, President of NCSA and Dr. Salem Al-Naemi, President of UDST alongside high-level delegations.

The overarching theme of the international symposium is "Cybersecurity in Industry: Challenges, Opportunities, and Applications". The event features an impressive array of keynote speakers and subject matter experts from Qatar, Germany and the USA, offering deep insights and varied perspectives, and bringing together a diverse audience of local, regional and international technology enthusiasts, faculty, students, ICT managers and industry professionals.



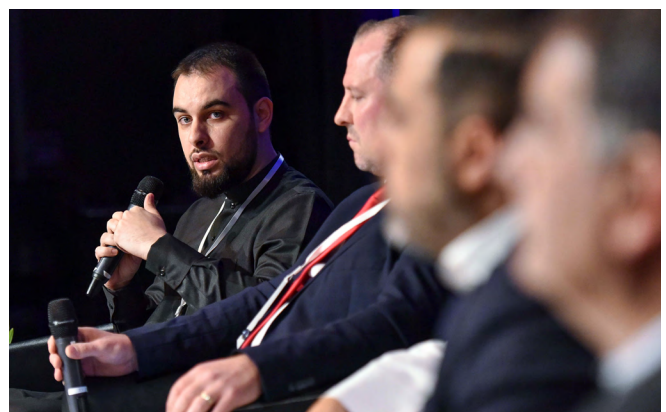
Dr. Salem Al-Naemi, President of UDST said: "This event represents collective efforts that aim to discuss and tackle challenges in a world increasingly dependent on digital infrastructure and highlight the importance of cybersecurity that has emerged as a cornerstone of national and international security. UDST has been deeply committed to this field, we have been developing curricula and research programs that are not only robust and comprehensive but also aligned with the needs and aspirations of Qatar and its vision for cybersecurity. We are proud to be partnering with international and local organizations aiming to bridge between academia and industry, following an applied education approach that ensures our students are not only well-versed in theory but also adept in practical applications."



The conference features multiple engaging keynote presentations from a blend of local and international cybersecurity experts. The conference also features several panel discussions covering best practices for cybersecurity in academia, and the future of cybersecurity in industry.

Dr. Zakaria Maamar, Dean of College of Computing and Information Technology said: “The international symposium is an exciting addition to the education we provide at UDST. We do not simply teach the topic of cybersecurity as part of a curriculum; we believe in creating fora for discussion and driving important conversations through events such as this. It allows our students access to experienced industry professionals addressing very real cybersecurity issues, a better grasp of sector challenges, and a stronger foothold in future discussions on the topic.”

UDST's International Symposium on Cybersecurity sets a high standard for similar future events. It is hoped that attendees will integrate new knowledge gained from the symposium presentations and inspired insights from the panel discussions, into future collaborations and progress within their own field of industry.





Advancing Innovation: UDST Hosts 2nd International Workshop on 3D Printing

University of Doha for Science and Technology (UDST) hosted the opening of the 2nd International Workshop on 3D Printing for Applied Technologies. The two-day event is organized by the University's College of Engineering and Technology and is based on the resounding success of last year's inaugural workshop, where over 150 participants attended. This year's event brings together local and international experts from a diverse range of technical backgrounds to present key advancements on the topic, helping solidify UDST's central role in Qatar's 3D printing landscape.

A number of distinguished guests and partners attended the event and speakers from across the globe, including Dr Robert Kay, Professor of Advanced Manufacturing at the University of Leeds; Dr. Derya Daran Associate Professor in Material Science and Engineering from the King Abdullah University of Science and Technology (KAUST) in Saudi Arabia; Dr. Jang-Ung Park, Professor in the Department of Materials Science and Engineering from the Yonsei University, Republic of Korea; Mr Riccardo Nicastro, Group Chief Commercial Officer for Caracol AM in Italy; Mrs Vesna Covic Palikuca, Lecturer and Mechanical Instructor in the Mechanical Engineering Department at UDST; and Dr Ehab Saleh, Assistant Professor in Smart Manufacturing at UDST, and Technical Chair of this year's workshop.

Dr. Salem Al-Naemi, President of UDST said: "Hosting this workshop for the second year running shows our commitment to progress and education in the fields of industrial technologies such as 3D Printing. This technology is estimated to lead the 4th industrial revolution, it is utilized

in the healthcare sector, the aeronautical and automotive industry, manufacturing, construction, education, and much more. We strongly believe that to get the best possible results, industry and academia must come together to provide valuable opportunities for students, where they can learn from, and interact with, experts. This helps equip our students with the knowledge and skills they require to succeed."



3D printing is a revolutionary form of manufacturing solid objects from digital models. It enables the production of complex structures that traditional manufacturing methods are unable to achieve. UDST's workshop will focus on the latest advancements in 3D printing and its application in metals, ceramics and polymers, including the production of stretchable electronics and printed wearables. Last year, UDST introduced its Bachelor of Science in Mechanical Engineering - Smart Manufacturing Engineering as part of a continued commitment to lead the way in the realm of 3D printing and industrial technology.



Dr. Awni Al-Otoom, Dean of UDST's College of Engineering and Technology, said: "3D printing is a transformative technology, and a key element of our Smart Manufacturing curriculum. Just as last year, we are once again extending a valuable opportunity for both students and faculty to engage with industry leaders and gain a broad perspective on the latest applications of 3D printing. Technology initiatives like this workshop give UDST the edge as an applied educational establishment, and our students a significant advantage when landing graduate employment."

On the second day of the workshop, attendees were treated to a specialized training session focused on the fundamentals of 3D printing and reverse engineering. This hands-on session will allow participants to gain practical experience and a deeper understanding of the 3D printing operational cycle.





UDST proudly launches the business incubator UHUB

University of Doha for Science and Technology proudly launched UHUB, a dedicated business incubator aimed at empowering UDST's ambitious community as they transform their innovative ideas into tangible realities. In collaboration with world-leading tech incubator DMZ based out of Toronto Metropolitan University, this dynamic space seeks to cultivate an entrepreneurial spirit within the UDST community.

Committed to guiding and supporting innovative idea owners, UHUB focuses on monetizing applied research, commercializing capstones, and capitalizing on intellectual property. The dynamic catalyst adopts a comprehensive approach to create highly competent entrepreneurs equipped with market-ready solutions. The incubator will provide budding innovators with a robust roadmap, incorporating essential components such as workshops on marketing, scaling, and pitching. Additionally, it provides access to valuable networking opportunities with mentors, alumni, and investors.

UHUB offers a truly unique experience. One of its landmark features is its non-cohort-based approach, allowing for flexibility and inclusivity. Moreover, UHUB is committed to continuous evaluation, supporting its participants with analytics and valuations of their projects. These concepts provide tailored guidance and insights that align with the evolving needs of each aspiring entrepreneur.

The center's main office was officially opened in Building 5, at the heart of UDST's thriving campus. The facility offers students a conducive space to work and host start-up meetings. Ultimately, it serves as a hub to inspire creativity and collaboration.

Reflecting on the launch of UHUB, Dr. Salem Al-Naemi, President of UDST, expressed his enthusiasm, stating, "UDST is home to some of Qatar's most brilliant and ambitious young innovators. UHUB is committed to nurturing their talents and assisting them in realizing their ambitions by supplying international expertise and delivering consistent support and mentorship throughout their path of entrepreneurship." He eagerly anticipated witnessing students evolve into the pioneering founders, CEOs, and billionaires of tomorrow.

"Students are a foundational pillar to any thriving startup ecosystem, and ensuring they have the support and resources to excel is essential," said Abdullah Snobar, Executive Director of DMZ and CEO of DMZ Ventures. "DMZ is thrilled to partner with UDST, and by combining their commitment to cultivating brilliant minds with DMZ's world-renowned expertise in startup support, UHUB will be a dynamic environment that empowers young entrepreneurs to turn their ideas into successful business ventures."

UHUB's launch underscores UDST's unwavering commitment to its students' success beyond academics and higher education. As a space dedicated to applied learning, UHUB emphasizes the importance of supporting the realization of research and graduation projects. It aims to drive impact even beyond national borders, driving economic progress in Qatar and across the globe.



A Warm Welcome to Students Coming from Gaza

UDST organized a welcoming ceremony for the Palestinian students from Al-Fakhoora, a program of Education Above All Foundation. The University recently admitted the students due to the disruption of their academic pursuits by the crisis in Gaza. The Palestinian students were warmly welcomed by Dr. Salem Al-Naemi, President of UDST, Mr. Fahad Al-Sulaiti, CEO of Education Above All Foundation and Dr. Sheikh Khaled Al-Thani, Director General of the General Directorate of Endowments, Ministry of Endowments and Islamic Affairs, who demonstrated their support to the students, ensuring that they felt at ease as they embarked on this new journey.

The University's own Qatari Club and Palestinian Club played a pivotal role in extending a heartfelt reception to the newcomers. Expressing their solidarity, the members of these clubs wished the students success throughout their university life and pledged their unwavering support and guidance. The newly admitted students will have the opportunity to join UDST's wide range of programs, spanning engineering, IT, business, and health sciences. This diverse academic environment aims to empower them with the skills and knowledge needed to thrive in their chosen fields.

UDST firmly believes that equipping these young men and women with a solid academic foundation will provide them with professional success and a promising future.





An Engaging Start to the Winter 2024 Semester

UDST recently held its Ahlan Welcome Carnival 2024 event to welcome both new and returning students to UDST for the winter semester. The Student Engagement Department, a division of Student Affairs, organized this campaign with a full week of fun and engaging activities. The week began with New Student Orientation, which welcomed over 700 new students to the campus. This event is a cornerstone of the University's initiatives and features a myriad of interactive sessions designed to acquaint newcomers with campus life and available resources. Participants engaged closely with their fellow students, along with various divisions of Student Affairs including Sport and Wellness, Counselling and Accessibility Services, Admissions and Registration, and Student Central Services.

This was followed by an array of week-long activities, including an Outdoor Carnival that brought the campus courtyard to life with games and attractions. The "Before I Graduate" Wall provided a platform for students to share their aspirations and goals, creating an inspiring display, while the Video Game Area catered to the gaming enthusiasts with a variety of interactive games. Students also enjoyed a film screening of the movie "Luck," creating a cozy movie-watching experience.

The Clubs Festival showcased the dedication of club leaders and members, with captivating booths and an opportunity for students to explore the over 30 different clubs on campus that cater to their broad range of interests. The Artistic Expression Gallery displayed the creative talents of our students, adding a touch of inspiration to

the carnival. The Japan Auto exhibit provided a glimpse into the world of Japanese automobiles, while healthy red lentil soup, prepared by the cooking club, provided a heartwarming treat. To conclude the carnival, a Treasure Hunt brought an exciting adventure, challenging students to uncover hidden treasures across the campus.





The “Ahlan” event represents the lively and supportive campus atmosphere for which UDST is renowned, ensuring a smooth and supportive transition into university life for new entrants. Beyond academic orientation, the event introduced students to a plethora of extracurricular pursuits and clubs, fostering a holistic university experience.

Dr. Salem Al-Naemi, President of UDST addressed the students during the first day, and he said: “I am really happy to see young faces that represent not only the future of this institution but the future of our nation and the world. At UDST, we don't just believe in providing education, we believe in providing an education that is practical, and tailored to meet the needs of a rapidly evolving world. Our innovative campus is an example of this commitment,



it is equipped with state-of-the-art facilities and resources that encourage hands-on learning and real-world problem-solving. But education at UDST goes beyond academics, we understand the journey of learning that should include not only intellectual growth but also personal development. As we embark on this new semester, I am excited to see each of you around the campus, to witness your journey, and to celebrate your achievements.”

Congratulations to the winners of the Clubs Festival and a sincere appreciation to all the student club members, volunteers and organizers who contributed to the carnival's vibrancy. As we kick off the Winter 2024 semester, let the memories of the Ahlan – Welcome Back Carnival continue to inspire and energize our campus community.



Coffee with the President

Dr. Salem Al-Naemi, President of UDST, recently hosted the second “Coffee with the President” session for the 2023/2024 Academic Year. This event, celebrated with a theme of connecting with Qatari heritage and culture, featured delightful Qatari cuisine and served as a unique platform for faculty and staff to engage informally with the President. Emphasizing the significance of open dialogue and community support, Dr. Al-Naemi used this occasion to warmly welcome new international faculty members to UDST and express gratitude to the entire UDST community for their steadfast commitment. In his address, he also highlighted the milestones set for the University throughout the year 2024.



UDST Students Triumph at Huawei ICT Competition 2023-2024 as part of Qatar Cloud Team



Saba Wynne, a student from UDST, along with two peers from Qatar University, clinched the grand prize in the Cloud Track at the Huawei ICT Competition 2023-2024 Middle East and Central Asia. The finals were held in Manama, Bahrain, under the high patronage of Sheikh Nasser bin Hamad al-Khalifa and in collaboration with Bahrain's Ministry of Transportation and Telecommunication.

The victorious team was celebrated at the University of Bahrain during a prestigious ceremony. The event, honoring the winners of various tracks, also featured career-boosting internship offers for all regional finalists at Huawei offices in their home countries. The competition, now in its seventh edition, saw record participation with over 27,500 students from 600 universities across 21 countries. The event is part of Huawei's commitment to bridging the digital skills gap and fostering the next generation of ICT leaders, aligning with national strategies for youth skills development as highlighted by Sheikh Nasser al-Khalifa during the event.

The regional finalists will now participate in the global finals of the Huawei ICT Competition, which will take place in May 2024 in China.





UDST's Foundation Program collaborates with the Doha Wireless Warriors

The Doha Wireless Warriors, a community dragon boat team, founded 9 years ago by the Program Head of the Foundation Program Unit, collaborated with the Foundation Program for the first Child and Parent paddle in Qatar.

Seven of the fourteen participating families in the inaugural event were Foundation staff and their children. Starting with a warm-up on Katara Beach, the families went through some basic dragon boat strokes. Following a safety demonstration everyone entered the boats and embarked on the journey. Paddle games such as Simon Says and Zigzag engaged the new paddlers on the water and the grand finale of the race to the beach was a close one.

The paddle activities will keep going. If anyone is interested, please contact Sandee Thompson at "sandee.thompson@udst.edu.qa". Children need to be 148 cm to be able to use the smallest paddle.

Paddles up!





Qatar Shell Tour Enlightens College of General Education Petrochemistry Students

In a recent immersive educational endeavor, students of the CHEM3010 Petrochemistry course from the College of General Education had the distinguished opportunity to visit the Qatar Shell Research and Technology Center (QSRTC). This insightful excursion was particularly resonant with Qatar's National Vision 2030, focusing on sustainable and eco-friendly energy solutions.

The visit marked a significant milestone in the student's academic journey, offering them a comprehensive glimpse into the pivotal role of QSRTC in revolutionizing the petrochemical sector. It served as an invaluable educational platform, where students were exposed to the center's groundbreaking contributions to petrochemistry and its far-reaching influence across multiple industries. Highlighting the tour was an engaging and informative session led by Mr. Ashraf El Sayed Hefny, the QSRTC Laboratory Manager. Mr. Hefny elucidated the intricacies of the Gas-to-Liquid (GTL) process and operations, enriching the students' understanding of the field. Further enhancing their learning experience, the students ventured through the analysis labs, where they witnessed firsthand the sophisticated analytical instruments integral to the GTL process.

This immersive visit to the Qatar Shell Research and Technology Center seamlessly bridged the gap between theoretical knowledge and real-world practice. It not only deepened the students' comprehension of the petrochemical industry's landscape but also spotlighted the practical applications of their academic studies, especially in relation to their laboratory coursework. This initiative is a testament to the University of Science

and Technology's commitment to fostering experiential learning, nurturing industry-academic collaborations, and maintaining a standard of academic excellence.





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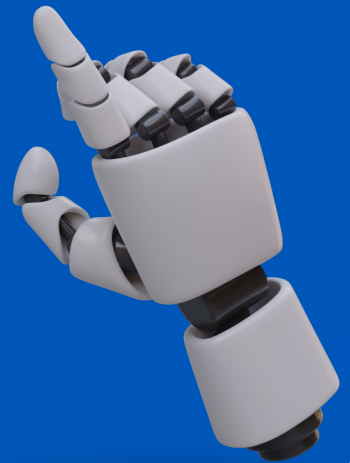


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