



STEM/TVET: THE CORE PILLARS AT UDST

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Message from the President

Dear Wolves,

Welcome to the twentieth issue of our **UDST POST**.

After a well-deserved break for Eid, our community returned with renewed vigor, hosting the significant International Symposium on Education and Skills for a Future-Ready Workforce. This event brought together experts from across Qatar, the GCC, and the world to focus on advancing STEM and TVET for a sustainable and resilient society. The symposium aimed to future-proof the skills of our graduates in a technology-driven world, ensuring they remain at the forefront of innovation and readiness.

We are also excited to announce a new partnership with Bentley Motors, which has launched the third edition of its Extraordinary Women mentorship program. This initiative is designed to encourage and develop the next generation of young female leaders by involving students, universities, and inspirational female pioneers from the United Kingdom and Qatar. UDST is pleased to announce that it is the only university partner in Qatar for this program. It's a great opportunity for our students to gain invaluable experience and guidance.

Looking ahead, we are excitedly preparing for the graduation of our third cohort of students. These soon-to-be graduates are equipped and ready to lead and shape the future, a testament to the rigorous and forward-thinking education they have received at UDST.

As we commence the Spring semester, I wish everyone an exceptional start. Get ready for more innovations; UDST has several surprises in store for our community. Here's to continuous learning and growing together in this dynamic educational journey. Let's make this semester another remarkable chapter in our story.

Dr. Salem Al-Naemi
President,

University of Doha for Science and Technology



Under the patronage of Her Excellency Buthaina Bint Ali Al Jabr Al Nuaimi, Minister of Education and Higher Education

UDST’s International Symposium Advances STEM and TVET Education in Fostering a Future-Ready Workforce

University of Doha for Science and Technology (UDST) hosted the International Symposium on Education and Skills for a Future-Ready Workforce: STEM and TVET for a Sustainable and Resilient Society in the presence of Dr. Ibrahim Al-Naemi, Undersecretary of Qatar’s Ministry of Education and Higher Education (MOEHE); Dr. Salem Al-Naemi, President of UDST; Salah Khaled, Director of the UNESCO Doha Office for Gulf States and Yemen; Max Tunon, Head of the International Labour Organization (ILO) Office in Doha; and Sheikha Najwa bint Abdul Rahman Al Thani, Assistant Undersecretary for Qatar’s Migrant Labour Affairs and many high-level delegates whom delivered introductory sessions and engaging keynote speeches.

This seminar was held in response to the decisions made by the Committee of Ministers of Higher Education and Scientific Research in the Gulf Cooperation Council countries to establish a forum for studying specialized fields that are required by the current and future job market.

The two-day conference brought together regional educational institutions, industry stakeholders and policymakers to initiate dialogue on the role of STEM and TVET education in creating an industry-ready workforce.



The event also provided a platform to develop a GCC-wide approach to education and workforce mobility in the region.

Dr. Salem Al-Naemi, President of UDST, said: “There is a high number of job opportunities available in the STEM fields locally and globally, yet a remarkable shortage of graduates and professionals with the necessary qualifications and developed skills to take on these roles. It is our responsibility now, as educational institutions, to close the gap between future industry needs and educational output. The Third Qatar National Development Strategy 2024-2030 has set ambitious



targets for the country, requiring 46% of the workforce to be in skilled roles, and 18% of students to graduate in STEM fields by 2030. These are significant goals, and it is more important than ever that we continue working with MOEHE to bolster access to STEM education at UDST, and amplify our Technical and Vocational Education and Training (TVET).”

The symposium hosted keynote talks on aligning education with industry needs, focusing on technology and workforce-readiness in closing the global skills gap, and an energized panel discussion on industry-academia partnerships. The first day ended with specialized breakout sessions on academic programs for a green economy, and digital literacy. The second day featured

engaging presentations on governance frameworks and novel approaches to TVET teaching, as well as breakout forums centered on AI in Education and Skills Initiatives. The event was concluded with policy recommendations on academic initiatives and related education policies, and a framework linking government, academia and industry towards developing a sustainable and resilient current and future ready workforce through the “Doha Declaration on Education for Future Jobs: A roadmap for a sustainable and resilient Society”.

Through organizing and hosting this landmark education event, the University is making an important step towards future-proofing the workforce, in an increasingly technology-focused world.



UDST announces the Amiri Scholarship Program

University of Doha for Science and Technology (UDST) is honored to announce the availability of the Amiri Scholarship program designed to support outstanding students from Qatar and around the globe. This distinguished scholarship embodies the vision and ongoing commitment of His Highness Sheikh Tamim bin Hamad Al Thani, Amir of the State of Qatar to foster educational excellence in Qatar and beyond.

The Amiri Scholarship stands as the most prestigious award designed to support outstanding students from Qatar and around the globe. It aims to enable them to pursue degrees in applied STEM fields of study, thus nurturing creativity and innovation. Moreover, the scholarship encourages international beneficiaries to immerse themselves in Qatar's rich, multicultural society.

This Scholarship offers many benefits to the students including a full tuition fee waiver for a Bachelor's degree program, comprehensive health insurance coverage, a monthly stipend, a complete waiver of textbook fees, provision of accommodation and transportation, and visa processing fee coverage for international students. In addition, international students will avail of an annual economy class round-trip ticket. Detailed information about test requirements, the application process, scholarship award maintenance requirements, and more can be found on UDST's official website: www.udst.edu.qa

The deadline for the scholarship applications is the 30th of May, 2024. We encourage all eligible students to seize this unparalleled opportunity to further their education.



UDST partners with Bentley Motors for the third edition of its Extraordinary Women initiative for 2024

Bentley Motors has announced the launch of the third edition of its Extraordinary Women mentorship program. Designed to encourage and develop the next generation of young female leaders, this year the initiative will involve students, universities and inspirational female Pioneers from the United Kingdom and Qatar.

The Extraordinary Women mentorship program is organized in collaboration with the University of Bath, Loughborough, Warwick and Manchester Metropolitan in the UK and University of Doha for Science in Technology in Qatar.

The program focuses specifically on female students in the fields of engineering, design, technology, and business, and is a component of Bentley's wider commitment to diversity and inclusion, which falls under its Beyond100 strategy. It was created and crafted to encourage women to explore a variety of career paths in the STEM and automotive sectors.

Eight students from the UK and Qatar are selected to embark on the program, which will involve one-on-one mentorship by specially selected, high-achieving women – the inspirational Pioneers – and will culminate in a week-long visit to Bentley's headquarters in Crewe, England, this June. Congratulations to Johara Gawas, Dhabya Al-Harami, Noora Al-Hajri and Shaikha Al-Sumaiti from UDST for embarking on this exceptional journey.

The first Student Symposium on Computing and IT



UDST hosted its inaugural Student Symposium on Computing and IT, bringing together bright minds to showcase innovative projects aimed at advancing technology and improving societal welfare. The College of Computing and Information Technology (CCIT) at UDST organized the event, which saw an impressive lineup of presentations across various themes.

The symposium kicked off with a keynote address by Mr. Norman Pipitone, Vice President of Continuous Improvement and Transformation at Qatar Airways. During the event, students showcased their capstone projects, which were lined under the themes of technological innovations for streamlined services, advancements in cybersecurity with smart technology solutions, and intelligent solutions for education and caregiving.

Each session allowed for presentations, demonstrations, and a Q&A, providing a platform for students to discuss their work in depth. The event concluded with an award presentation marking a successful day of knowledge-sharing and innovation at UDST.



Counselors' Day at UDST

The Recruitment team at UDST recently held a two-day event dedicated to enriching the partnership between the University and counselors from both private and public schools. The visitors explored the University and its new programs and services. The gathering featured insightful information sessions and discussions on crucial topics such as Academic and University Preparedness, Psychological and Emotional Preparedness, and the Use of Technology in School Counseling. These discussions aimed to equip counselors with the latest tools and insights to better prepare students for the transition to higher education.

In his opening remarks, Dr. Rachid Benlamri, Vice President Academic Affairs highlighted the pivotal role of counselors in guiding students. "Each of you plays a very important role in guiding young minds towards their future paths" he stated, acknowledging the remarkable collaboration over the years. "Through your dedicated efforts, students arrive at our university well-informed and ready to thrive. This seamless transition is a reflection of the outstanding advisory work you do every day, helping students navigate their educational journeys."

He also emphasized the University's commitment to its students and stakeholders. "Here at UDST, we operate on a foundational belief that our actions directly contribute to the success of our students and stakeholders," he remarked. The event underscored UDST's dedication to empowering graduates with applied learning experiences that meet not only immediate local needs but also the broader demands of the global industry, reinforcing the importance of continuous improvement and adaptation in counseling practices.



Strategic Partnership between UDST and RIPE NCC

University of Doha for Science and Technology (UDST) and the RIPE Network Coordination Centre (RIPE NCC) announced a collaboration to enrich the educational landscape in Internet governance and infrastructure. This collaboration began with a coordination meeting at UDST, where RIPE NCC experts and College of Computing and Information Technology (CCIT) academics shared insights into an academic partnership involving capacity building and sharing knowledge and expertise with the College's students.

This educational collaboration offers a variety of RIPE Academy learning materials, including online courses and webinars, in-person workshops, certification programs, and e-learning courses designed to deepen students' knowledge of advanced Internet technologies. This collaboration is part of the CCIT's effort to enhance and update its curriculum to cope with the new digital era, focusing on critical internet infrastructure and governance areas.



UDST Students recognized for volunteering at health camps



In an effort to highlight the role of community outreach in health sciences, the Wellcare Pharmacy Group presented certificates to the College of Health Sciences Pharmacy students who volunteered at the Group Medical Camps in 2022 and 2023. These camps aimed at providing essential medical services to underprivileged communities.

The certificate ceremony sought not only to honor the students' volunteerism but also to enhance visibility for the College's community involvement. This event represented a strategic collaboration between academic institutions and healthcare providers to foster a spirit of community service among students.

The impactful work done by the students highlights the University's commitment to community health. This initiative also serves as a platform for future outreach activities, reinforcing the importance of practical experience in student education and community well-being. UDST encourages more students to participate in similar outreach efforts, expanding the impact of their health sciences programs on local and potentially international communities.





UDST Dental Hygiene Students visit the Qatar Academy School



Third-year Dental Hygiene students from the College of Health Sciences joined forces with the Qatar Foundation to educate young minds at the Qatar Academy School. The outreach focused on providing essential dental health education to Kindergarten and Grade 5 students, emphasizing the importance of early oral care.

The involvement of UDST students in community health initiatives extends beyond these educational sessions. The dedicated students also participated in the Primary Health Care Corporation's (PHCC) "Ahlan Oral Health Month Campaign" few months back which aimed to raise awareness about oral health across various community segments.

The continued community engagement by UDST's Dental Hygiene students not only enriches their educational experience but also plays an important role in promoting health and wellness within the community. This aligns with UDST's mission to foster a sense of social responsibility and professional preparedness among its students, preparing them to be leaders in their fields and communities.





College of General Education students visit the Msheireb Museums

Faculty from the Qatar History & Society and Globalization & Environment courses at the College of General Education led a field trip to Msheireb Museums and Msheireb Downtown Doha. The outing included insightful visits to the Bin Jelmoood House and the Mohammad Bin Jassim House, providing students with a unique perspective on Qatar's rich local history and the broader impacts of globalization on regional migration and human development.

Additionally, the students participated in a panel discussion on technology and sustainability, exploring how technological innovations can aid in environmental protection. This discussion highlighted the critical role of technology in shaping Msheireb as a smart city and its implications for Qatar's future.

Overall, the field trip was not only educational but also inspirational, offering students a deeper understanding of the dynamic interplay between technology and sustainability in the development of modern societies. The trip was guided by Dr. Muyassar Marwan and Dr. Tiffany Cone, who facilitated engaging and thought-provoking interactions throughout the visit.



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