

جامعة الدوحة
للعلوم والتكنولوجيا
UNIVERSITY OF DOHA
FOR SCIENCE & TECHNOLOGY



UDST Annual Sustainability Report 2025

Working Towards
Qatar's Sustainable Society





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Dr. Salem Al-Naemi
President

President's Message

University of Doha for Science and Technology continues to lead transformative initiatives that integrate sustainable practices into education and research in alignment with Qatar's Third National Development Strategy. We are committed to building a resilient future that supports Sustainable Development Goals and enhances the well-being of our community by developing collaborations with local and global partners and prioritizing innovation.

As an applied institution rooted in the values of sustainability and innovation, we strive to empower the next generation with the knowledge and skills required to address global challenges and contribute to Qatar's vision for sustainable development.

“ *It is important to align education and research with the pressing needs of our time. We work relentlessly to cultivate a culture of environmental stewardship and proactive problem-solving.* ”



Dr. Rachid Benlamri
Vice President of Academics

Vice President of Academic's Message

University of Doha for Science and Technology integrates sustainability into every aspect of its operations. At UDST, sustainability is more than a commitment, but a requirement for our students to understand and deal with the societal and environmental challenges they face every day.

Sustainability is a core element of our strategy, and a main driver of our mission to prepare a generation of global citizens equipped to make meaningful, lasting impacts in their life. This holistic approach empowers our work as a university that aims to support innovation, promote responsibility, and progress for a better world.

“*The right education serves as the foundation for sustainability and for advancing all global development goals.*”



Dr. Reda Bendraou
Acting Vice President Applied Research and
Graduate Studies

Acting Vice President of Applied Research and Graduate Studies Message

At the Applied Research and Graduate Studies (ARGS) Division, we embed sustainability into the way we pursue research impact, ensuring that new knowledge is translated into practical solutions with lasting value. Through close partnership with industry, government, and the community, we co-create innovative, evidence-informed outcomes that advance Qatar's national priorities and contribute to inclusive, responsible global progress.

Applied Research and Graduate studies work hand in hand, equipping our faculty, researchers, and students with the mentorship, infrastructure, and opportunities needed to deliver measurable outcomes. Our commitment is to cultivate an innovation-driven ecosystem where applied research strengthens economic resilience, supports societal well-being, and advances environmental stewardship, building a more sustainable future for our university and the communities we serve.

“ True research impact is measured not just by the knowledge we generate, but by the resilience we build. ARGS's role is to bridge the gap between academic inquiry and real-world necessity, ensuring that every innovation serves as a pillar for a sustainable future. ”





About the University

University of Doha for Science and Technology is recognized as a Center for Excellence in Technical and Vocational Education in the State of Qatar. We offer interactive academic and co-curricular programming to more than 8,084 full-time students enrolled in over 77 programs in the areas of Engineering and Technology, Health Sciences, Business, Computing and Information Technology, and Foundation Programs. In addition, hundreds of students enroll annually in a range of continuing and professional education programs.



**College of
Engineering
& Technology**



**College of
Health Science**



**College of
Business**



**College of Computing
and Information
Technology**



**College of
General
Education**

Our Vision

UDST shall be a leading institution that promotes excellence in applied education and research contributing to innovation and sustainable development of the State of Qatar and the global community.

Our Mission

UDST advances quality applied science and technology through agile applied higher education and research for the socio-economic development of the State of Qatar and the world.

Our Values



Sustainability

At UDST, we are committed to uphold the values of higher education in our governance and to engage in sound and transparent business to fulfill the trust of the public in all matters.



Integrity

At UDST, we are committed to environmentally sound development, creating curriculum, research and professional practices that meet the needs of the present without compromising the needs of future generations for a better quality of life.



Adaptability

At UDST, we anticipate and respond, in a timely manner, to changing economic, social and global changing situations by empowering our graduates through applied learning experiences and by responding to the evolving needs of students, communities and the workforce.



Quality

At UDST, we are committed to high standards in meeting our educational objectives and students' success, utilizing appropriate evidence to improve teaching, learning, research and overall Institutional effectiveness to fulfill both current commitments and future needs and opportunities.



Innovation

At UDST, we embrace innovation in education by developing and fostering new ways to teaching, learning and applied research in line with new developments and technologies in relevant fields and providing solutions to real-world problems locally and internationally.



Accountability

At UDST, we strive to be held responsible and answerable for the specific results and outcomes of every activity we undertake. We believe in taking ownership of our responsibilities, ensuring that our actions have a tangible impact and contribute to the success of our students and stakeholders.

In Focus:

QNV 2030



The Third National Development Strategy

The Third Qatar National Development Strategy (NDS3) for 2024–2030 is geared towards realizing the Qatar National Vision 2030. It prioritizes sustainable economic growth, fiscal stability, workforce preparedness, societal cohesion, improved quality of life, environmental preservation, and governmental excellence. The strategy aims to diversify the economy, enhance education and healthcare, bolster social development, and optimize public services, infrastructure, and environmental conservation efforts. Emphasizing collaboration among stakeholders, it capitalizes on Qatar's global energy leadership position and seeks to bolster competitiveness through innovation and private sector growth.

United Nations Sustainable Development Goals

The Sustainable Development Goals (SDGs), established by the United Nations in 2015, are a universal call to action aimed at creating a better and more sustainable future by 2030. These 17 goals tackle a broad spectrum of global challenges, such as poverty, inequality, climate change, and environmental degradation.

As part of this global initiative, the University of Doha for Science and Technology (UDST) is crucial in advancing sustainable development through education, research, and community engagement. UDST focuses on key SDGs, including SDG 3 (Good Health and Well-Being), SDG 4 (Quality Education), SDG 6 (Clean Water and Sanitation), SDG 9 (Industry, Innovation, and Infrastructure), and SDG 17 (Partnerships for the Goals). The university promotes health and well-being through healthcare programs and wellness initiatives, emphasizes high-quality, inclusive education that equips students with skills for a sustainable future, and supports water conservation and management through research on clean water access.

UDST also fosters innovation and infrastructure development by engaging with industry and promoting entrepreneurship, while strengthening partnerships with local, regional, and global organizations to drive collective action towards achieving the SDGs. Through these efforts, UDST contributes to sustainability and prepares students to address global challenges.

SUSTAINABLE DEVELOPMENT GOALS





UDST's Sustainability Action Plans



Develop Industry Relevant Academic Program for the Future-Ready Workforce



Engage Community for Impactful Involvement



Promote Applied Research, Innovation and Entrepreneurship to Achieve SDG's



Drive Institutional Excellence for Economic Development

The University of Doha for Science and Technology (UDST) is strategically positioned to play a pivotal role in advancing both the United Nations Sustainable Development Goals (SDGs) and Qatar's Third National Development Strategy (NDS3). By aligning its efforts with these global and national objectives, UDST aims to translate them into tangible outcomes within Qatar and beyond. Through its academic, operational, and research endeavors, UDST is committed to upholding world-class standards, thereby contributing significantly to Qatar's vision of becoming a diversified, sustainable, and forward-thinking nation.

The university's commitment to excellence is reflected in its four action plans, which outline its dedication to achieving world-class academic, operational, and research standards. By adhering to these plans, UDST aims to support Qatar's vision of becoming a diversified, sustainable, and forward-looking nation. Through its strategic alignment with the UN SDGs and Qatar's NDS3, the University is uniquely positioned to drive positive change and make meaningful contributions towards a brighter future for Qatar and beyond.



Action Plan 1

Develop Industry Relevant Academic Program for the Future-Ready Workforce

UDST is dedicated to nurturing student success by preparing them for the future workforce. Through tailored academic programs and applied research initiatives in emerging sectors like digital technology, renewable energy, and sustainable development, the University equips students with relevant knowledge and skills. Also, it fosters strategic partnerships with industry stakeholders, providing students with practical training, internships, and real-world experiences.

Furthermore, the University focuses on enhancing educational outcomes by integrating curricula emphasizing critical thinking, digital literacy, and soft

skills. This prepares graduates for high-skilled roles in line with Qatar's economic diversification plans. Continuous professional development opportunities for faculty and staff further enhance teaching effectiveness and research impact, elevating the overall quality of education.

Looking ahead, the University aims to support lifelong learning and continuous education initiatives to upskill the national workforce, fostering a productive and skilled labor market aligned with national goals. In 2023, the University delivered outstanding results for this action plan.

Related SDG Goals Achieved:



Related QNV 2030 - NDS3 Outcomes Achieved:



Future - Ready Workforce

Action Plan 2

Engage Community for Impactful Involvement

At the University, our core mission is to cultivate impactful community engagement aimed at generating positive outcomes. Central to our approach is the prioritization of initiatives that actively involve and uplift the local community across multiple dimensions, spanning education, health, and cultural enrichment. Through collaborative efforts with community members, stakeholders, and organizations, we strive to tackle pressing issues, foster inclusivity, and elevate the overall well-being of our community. By embracing a collaborative ethos and valuing diverse perspectives, we aim to create lasting and meaningful change that resonates throughout our community. In 2023, we achieved significant milestones in this action plan.



Related SDG Goals Achieved:



Related QNV 2030 - NDS3 Outcomes Achieved:



Quality of Life



Cohesive Society

Action Plan 3

Promote Applied Research, Innovation and Entrepreneurship to Achieve SDG's

The University remains dedicated to fostering applied research, innovation, and the Sustainable Development Goals (SDGs) across its academic and operational domains. UDST actively evaluates and implements initiatives that drive innovation, address societal challenges, and contribute to sustainable development locally and globally. The University's commitment to promoting applied research and innovation is evidenced by its support for interdisciplinary collaborations, technology transfer, and entrepreneurship initiatives that aim to translate research findings into real-world solutions. In 2023, UDST achieved significant milestones in this action plan.



Related SDG Goals Achieved:



Related QNV 2030 - NDS3 Outcomes Achieved:



Environmental Sustainability

Action Plan 4

Driving Institutional Excellence for Economic Development

In alignment with its commitment to advancing institutional excellence for economic development, the University prioritizes initiatives aimed at fostering sustainable growth and prosperity. The University endeavors to integrate principles of economic sustainability into its core operations, research endeavors, and educational programs. This involves assessing and implementing strategies to enhance economic resilience, promote innovation and entrepreneurship, and foster partnerships with industry stakeholders. In 2023, the University achieved significant milestones in this action plan.



Related SDG Goals Achieved:



Related QNV 2030 - NDS3 Outcomes Achieved:



Government
Excellence



Accomplishments

1 NO POVERTY



End poverty in all its forms everywhere

1. Scholarship and Financial Aid Initiatives



UDST provides a wide range of scholarships that support access, excellence, and inclusivity, including the GSRA offering full tuition and research support, the prestigious Amiri Scholarship, the Jassim & Hamad Bin Jassim Foundation Scholarship, the DFQ Scholarship for expatriate youth, and the Varsity Sports Scholarship.

In line with national priorities, UDST's STEM and TVET teaching programs were added to the MOEHE Tomouh scholarship track in April 2025, supporting NDS3 goals. For Fall 2025, the Amiri Scholarship opened on 29 January 2025 and closed on 30 April 2025, while the GSRA application deadline was 21 April 2025 at noon, followed by the Research Office vetting on 28 April 2025 at noon, with results announced in July 2025.

2. Smart Islanded and Sustainable Street Lights (QRDI Project)



UDST was selected under QRDI's Displaced Arab Researchers (DAR) program supporting scientists from conflict-affected regions such as Palestine, Sudan, Syria, and Yemen to lead the "Renewable Autonomous Street Lighting System" project.

The research focuses on developing a self-sufficient street lighting network using advanced solar panels, optimized battery storage, and AI-driven load management, offering scalable and low-maintenance solutions for power-limited regions, with potential application in Yemen and Palestine. This project runs from September 9, 2025 to September 9, 2027.

2 ZERO HUNGER



End hunger, achieve food security and improved nutrition and promote sustainable agriculture

1. World Food Forum (WFF) and Qatar Youth Chapters Launch



UDST, in collaboration with the Ministry of Municipality and the FAO-hosted World Food Forum, launched the WFF National Chapter in Qatar on February 5, 2025, and the WFF Qatar Youth Chapter, the first in the Near East and North Africa, on March 12, 2025.

These initiatives empower youth, scientists, and policymakers to advance Qatar's National Food Security Strategy 2030 through resilient agrifood systems, sustainable agriculture, climate adaptation, and youth-led innovation via symposiums, competitions, and policy engagement, strengthening Qatar's leadership in food security and sustainability.

2. Ramadan Meal Distribution for Campus Workers



On March 26, 2025, UDST, in collaboration with the Qatari Student Association and Qatar Charity, distributed 500 iftar meals to campus workers across safety, housekeeping, and maintenance divisions. Led by student volunteers, the initiative promoted community spirit, gratitude, and inclusivity, ensuring low-income workers felt valued and supported.

This program reflects UDST's commitment to social responsibility and encourages student participation in charitable activities, directly supporting food security and well-being within the campus community.



SDG 02: Zero Hunger

3. UDST and Ministry of Municipality Partnership on Food Security



On June 24, 2025, UDST and the Ministry of Municipality signed an MoU to strengthen Qatar's food security through training, capacity building, and research in agriculture, livestock, and fisheries.

The collaboration, aligned with Qatar's National Food Security Strategy 2030 and the Ministry's Strategy 2024–2030, includes specialized training, applied research, knowledge exchange, student field placements, and joint projects to enhance local agricultural production, promote sustainable practices, and develop skilled human resources.

4. UDST at Qatar's 12th International Agricultural Exhibition



On February 7, 2025, UDST participated in Qatar's 12th International Agricultural Exhibition, highlighting sustainable and innovative agricultural practices. The university supported Mohamad Salah Amine's lecture on "The Importance of AI in Enhancing Economic Efficiency in Farms," showcasing how AI, machine learning, and automation can transform farming.

UDST's presence promoted technology-driven solutions, sustainability, and industry engagement in advancing Qatar's agricultural development.



SDG 02: Zero Hunger

5. UDST Students Shine at WFF 2025 Flagship Event in Rome



In November 2025, UDST students represented Qatar at the World Food Forum 2025 Flagship Event at FAO Headquarters in Rome. The delegation participated in high-level panels, youth assemblies, and the “From Seeds to Foods” exhibition, showcasing innovations in climate-smart agriculture, hydroponics, aquaponics, precision farming, AI-driven solutions, and traditional food systems.

Students contributed to discussions on youth-led initiatives, sustainable land management, and food security, engaging with FAO leadership and global delegates. The event strengthened leadership, networking, and research skills, highlighting UDST’s commitment to empowering youth as innovators in sustainability and food security.

6. International Conference on Water and Food Security in the Face of Climate Change



UDST hosted WFCC 2025 to bring together experts and youth innovators to advance food security, sustainable agriculture, and climate resilience through youth-led projects, smart farming technologies, and water- and livestock-efficient solutions.

Research Mapped to SDG 02

- Agrivoltaics: An Innovative and Dual-Purpose Solution for Crop Production in Qatar
- Optimization of a climate-resilient agricultural greenhouse in Qatar, using CFD modelling
- Q-Cattle, an integrated AI and IoT framework for sustainable livestock management to increase the efficiency of milk and meat production in Qatari Market
- Assessing the Impact of Climate Change on the Prevalence of Mycotoxin in Dry Produce: A Study in the State of Qatar

3 GOOD HEALTH AND WELL-BEING



Ensure healthy lives and promote well-being for all at all ages

1. UDST Wellness Strategy 2025–2027



On September 25, 2025, UDST launched its Wellness Strategy 2025–2027, promoting holistic well-being across eight dimensions: physical, mental, social, occupational, environmental, financial, spiritual, and cultural.

The strategy features monthly wellness events, awareness campaigns, expanded resources, and applied research, emphasizing inclusivity, sustainability, and community engagement to enhance the student and staff experience.

2. Celebrating National Sport Day 2025



On February 11, 2025, UDST celebrated National Sport Day 2025 with sports, wellness, and community activities in partnership with PSG, BeBasketball, and TnT Athletics.

The event included a Family Walk/Run, football and basketball tournaments, fitness obstacle courses, and interactive sessions for tennis, padel, cricket, and badminton, reinforcing UDST's commitment to active living, well-being, and community engagement.



3. Announcing Official Approval of the 'Pharmacy Technologist' Title and Scope of Practice by The Department of Healthcare Professions



On February 12, 2025, UDST received official approval from the Ministry of Public Health for the "Pharmacy Technologist" title and Scope of Practice, marking a national milestone in professionalizing the field.

UDST's Bachelor of Science in Pharmacy Technology, the first of its kind locally and regionally, provides patient-focused education across drug discovery, pharmaceutical manufacturing, regulatory affairs, quality assurance, and digital health, building a highly skilled healthcare workforce in line with Qatar National Vision 2030.

4. UDST teams shine in 10th GCC Universities Sports Tournament



On February 5, 2025, UDST achieved outstanding results at the 10th GCC Universities Sports Tournament in Oman, earning 3 gold, 3 silver, and 1 bronze medal across seven sports and ranking third overall among 17 Gulf universities.

Athletes excelled in badminton, swimming, and athletics, reflecting UDST's commitment to student wellness, teamwork, leadership, and regional sports collaboration.



SDG 03: Good Health and Well-Being

5. Pinning Ceremony for Future Healthcare Professionals



In February 2025, UDST held a Pinning Ceremony honoring its latest healthcare graduates, celebrating their academic achievements, clinical training, and transition into professional practice.

The event highlighted the College of Health Sciences' growth, with a 35% enrollment increase over three years, and emphasized partnerships with Hamad Medical Corporation, Sidra Medicine, and Primary Health Care Corporation to prepare graduates for Qatar's healthcare sector.

6. UDST and Albayan two Secondary School Collaborate on Innovative Shopping Scooter for Elderly



In March 2025, UDST's College of Engineering and Technology, led by Dr. Hassan Mahasneh and five students, collaborated with Albayan 2 Secondary School students to design and develop a functional shopping scooter for elderly individuals.

The project involved advanced CAD design, motors, batteries, braking and steering systems, and safety features, with rigorous testing to ensure mobility and user safety. The initiative promoted social responsibility, community engagement, and practical problem-solving skills among students.



SDG 03: Good Health and Well-Being

7. Health Promotion in Action



In April 2025, UDST's College of Health Sciences, in collaboration with Qatar University's College of Pharmacy and the EPICORE Research Centre at the University of Alberta, delivered a community-focused Health Promotion Campaign.

Hosted at Wellcare Pharmacy and on campus, the initiative raised awareness of cardiovascular risk factors through mobile app assessments, health checks, personalized counseling, and student-led evidence-based projects. The campaign highlighted UDST's commitment to community wellness, interdisciplinary collaboration, and experiential learning.

8. Environmental Health Students Participate in Food Safety Inspections



In May 2025, UDST Environmental Health students joined Shahaniya Municipality's food safety team for a practicum involving inspections at restaurants, hypermarkets, dairy plants, and organic farms.

Students assessed hygiene, storage, and compliance, identified issues and best practices, and led awareness sessions for staff and customers. The experience strengthened technical skills in hazard analysis, professional communication, and practical understanding of environmental health's role in public safety.



9. 'Path to Wellness' Program for Seniors with Ehsan Center



In June 2025, UDST, in collaboration with the Ehsan Center, concluded the Path to Wellness program for 22 senior participants. Spanning two weeks, the initiative focused on diabetes management, nutrition, functional fitness, and mental health through wellness-themed days, physical activities, aqua aerobics, health assessments, cooking demonstrations, and educational sessions.

Participants gained practical skills for healthy aging, culminating in a celebratory event with certificates and awards, reflecting UDST's commitment to community engagement, applied education, and promoting active, healthy lifestyles.

10. UDST Students Present Research at World Conference on Tobacco Control 2025



UDST participated in the World Conference on Tobacco Control 2025 in Dublin, where six College of Health Sciences students, led by Dr. Shannan MacNevin, presented research on youth smoking behaviors in Qatar.

The e-poster presentation showcased UDST's commitment to impactful public health research, facilitated engagement with international experts, and strengthened ties with Qatar's leading health institutions, including a meeting with Dr. Ahmad AlMulla of Hamad Medical Corporation. Students demonstrated professionalism and dedication, highlighting UDST's mission to empower students as researchers and global citizens.



11. PHCC and UDST Complete Phase 3 of GMO Training Programme



On October 10, 2025, UDST, in collaboration with the Primary Health Care Corporation (PHCC), completed Phase 3 of the GMO training programme, enhancing workforce capacity in mental health services.

The initiative supports patient-centered care through expanded helplines, increased inpatient capacity, specialist services in perinatal, forensic, and child psychiatry, and community-based clinics. Research-driven practices ensure improved access, crisis support, and comprehensive mental health care across Qatar.

12. 10th World InterUniversities Championships, Barcelona



In November 2025, UDST represented Qatar at the 10th World InterUniversities Championships in Barcelona, Spain, competing among over 5,000 athletes from global universities. Student-athletes participated in men's football, badminton, swimming, track, and women's volleyball, winning seven medals: two gold, three silver, and two bronze.

Highlights included gold in men's singles badminton by Muhammad Gayuh Wijaya and gold in the 4x50 medley relay by the swimming team of Abdullah Elghamry, Abdallah Alkhalidi, Ahmed Diab, and Youssef Gamea. The event provided international exposure, fostered cross-cultural engagement, and underscored UDST's commitment to holistic student development and athletic excellence.

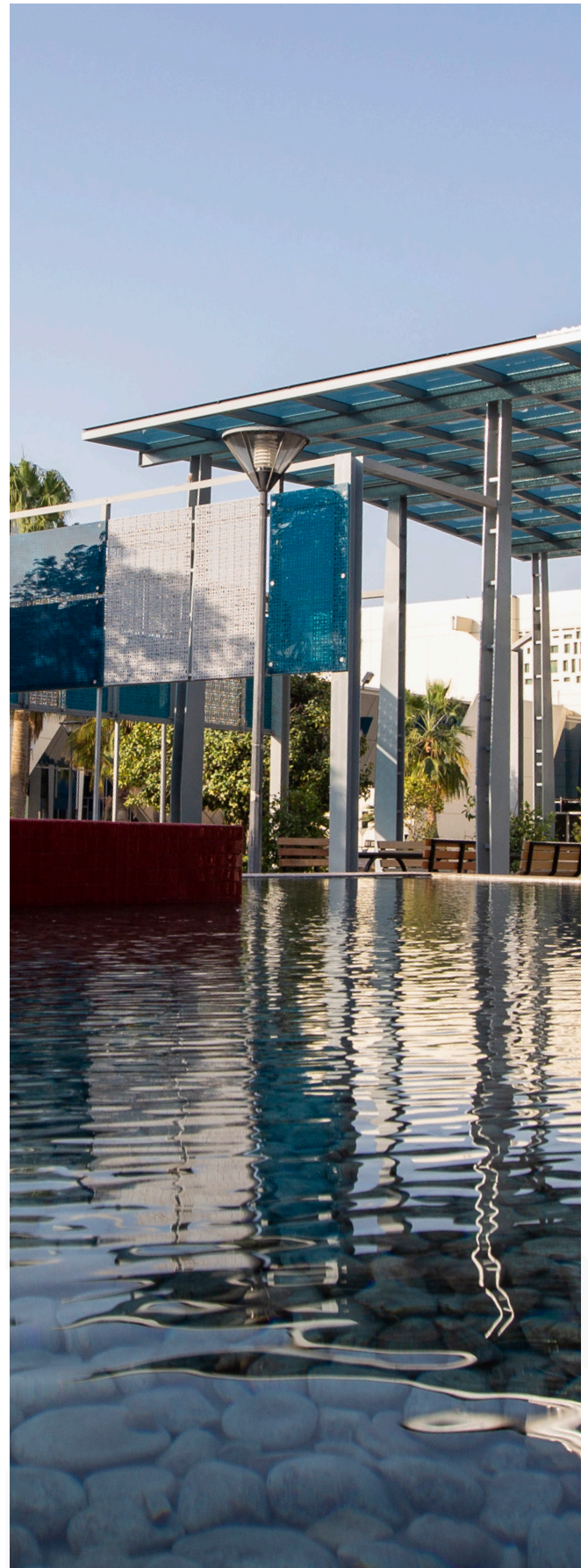


13. Faculty and Students Shine at Climate, Health, and Environment 2025 Conference



In November 2025, UDST's College of Health Sciences made a significant impact at the CHE2025: Exploring the Nexus of Climate, Health, and Environment conference hosted by Weill Cornell Medicine-Qatar. Faculty members, including Norr Hassan and Dr. Ravi Rangarajan, presented applied research addressing regional climate and public health challenges, with Norr Hassan earning the Best Poster Presentation award for her study on climate change and mycotoxin production in Qatar.

Students participated in plenaries and expert panels on sustainable healthcare, climate-resilient policies, and air quality, gaining hands-on exposure to current research and policy dialogues. UDST's involvement demonstrated its commitment to applied learning, research excellence, and advancing evidence-based solutions to climate and health issues in the MENA region.



1. World Radiography Day



In February 2025, UDST’s Medical Radiography Department hosted World Radiography Day, engaging students and faculty in exploring advancements in medical imaging through interactive challenges, hands-on simulations, and immersive experiences.

2. Information Session with Alanoud Hamad Al-Marri



In June 2025, UDST’s College of Health Sciences hosted Alanoud Hamad Al-Marri, Executive Director of Nursing and Midwifery Workforce at Hamad Medical Corporation, for an information session with 39 graduates of the Diploma in Practical Nursing program.

3. Inspiring Talk on Happiness and Wellbeing



In April 2025, UDST’s Foundation Program hosted a keynote session titled “Happiness is Not Just a Feeling” by Dr. Salim Zakhour, a certified Happiness Coach. The session helped students and faculty manage stress ahead of exams by exploring life satisfaction, gratitude, and intentional living.

4. World Mental Health Day 2025



On October 13, 2025, UDST celebrated World Mental Health Day with the theme “Community Care: Supporting Mental Health in Challenging Times,” featuring interactive booths, wellness activities, and educational sessions on resilience, compassion, and inclusivity.



SDG 03: Events

5. Conference on Technological Innovations for Cancer Risk Reduction and Detection



On November 26, 2025, UDST, in collaboration with the Qatar Cancer Society, hosted the “Technological Innovations for Cancer Risk Reduction and Detection” conference, bringing together national and international experts, including WHO-IARC and WHO-EMRO. The event highlighted AI-driven technologies for cancer prevention, early detection, and community well-being.

Students engaged through research presentations, innovation showcases, and interactive sessions, fostering future leaders in healthcare technology. The conference promoted interdisciplinary collaboration, disseminated evidence-based strategies, and raised community awareness, aligning with Qatar National Vision 2030.

6. Hosting 4th Symposium on Diabetes Care



On November 8, 2025, UDST hosted the 4th Symposium on Diabetes Care themed “Transforming Diabetes Care for Well-Being: Innovations in Education, Research, and Person-Centered Practice.” Organized with Hamad Medical Corporation and supported by the Ministry of Public Health, Primary Health Care Corporation, Sidra Medicine, and The View Hospital (in affiliation with Cedars-Sinai), the event brought together national and international experts to discuss diabetes care, metabolic health, cardiovascular risk, holistic care, and mental health integration.

Students engaged through keynote lectures, panel discussions, and exhibitions, gaining exposure to evidence-based practices and interdisciplinary collaboration. The symposium reinforced UDST’s commitment to healthcare education, research, and community engagement in line with Qatar National Vision 2030.



7. Lung Health Day: Inspiring Future Respiratory Therapists



In November 2025, UDSST's College of Health Sciences celebrated Lung Health Day, coinciding with National Respiratory Care Week.

Respiratory Therapy students organized interactive exhibits and demonstrations on campus and at Sidra Medicine, educating visitors on respiratory wellness, disease management, and patient care for conditions like asthma and COPD.

Research Mapped to SDG 03

- Can One Week of Simulation-Based Training Match Three Months? A Non-Inferiority Study in Paramedic Education
- Assessing Linguistic and Cultural Barriers in Healthcare: A Needs Assessment for Non-Arabic-Speaking Medical Professionals and Students in Qatar
- Quantitative and Systematic Evaluation of Aluminum Leaching from Everyday Use of Aluminum Foils in Food Preparation and Packaging in Qatar
- Establishment of an Accessible Training Pipeline for Teaching Molecular Dynamics (MD) as a Computational Tool for in-silico Drug Development Using Oleuropein in Nano-formulations at the Target System
- Radiation safety knowledge and awareness of healthcare workers in Qatar: A cross sectional study targeting safety literacy

4 QUALITY EDUCATION



Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

1. UDST Concludes 2025 Graduation Ceremonies



On May 16, 2025, UDST celebrated the graduation of 1,166 students across its four colleges at the Qatar National Convention Centre under the patronage of H.E. Sheikh Mohammed bin Abdulrahman bin Jassim Al Thani. The event honored 32 top-performing students, including those with a perfect GPA and President's Award recipients.

Vice President Dr. Rachid Benlamri highlighted graduates' readiness for a digital world, while valedictorians Hafsa Hassan Diriye and Baraa Suleiman inspired with messages on resilience and innovation. The ceremonies underscored UDST's focus on applied education, leadership, and societal contribution.

2. UDST Secures ABET Accreditation for Engineering Technology Diploma Programs



On October 5, 2025, the University of Doha for Science and Technology (UDST) announced that its Diploma in Chemical and Processing Engineering Technology and Diploma in Telecommunications and Network Engineering Technology received ABET accreditation from the Engineering Technology Accreditation Commission (ETAC).

This recognition affirms that UDST's programs meet international quality standards, enhancing graduate employability and professional recognition. The milestone reflects UDST's commitment to applied excellence, continuous improvement, and industry-aligned education.



SDG 04: Quality Education

3. Shaping the Future of Education at the 9th GCC Student Advisory Council Meeting



In January 2025, UDST participated in the 9th GCC Student Advisory Council Meeting, contributing insights on enhancing educational programs, student-centric services, and research and innovation.

The meeting provided a platform to discuss environmental sustainability, cultural diversity, and technology integration in education, while sharing best practices among regional universities. UDST's involvement highlighted its commitment to shaping a competitive, innovative student community and aligning with the Qatar National Vision 2030.

4. UDST First in Region to Introduce AI-based Research Tool Keenious



The University of Doha for Science and Technology (UDST) became the first university in the region to adopt Keenious, an AI-powered research recommendation tool, through its Library Services Directorate.

Launched in January 2025, Keenious provides personalized research suggestions by analyzing documents and comparing them with millions of scientific publications, helping students, faculty, and staff discover relevant resources without generating content or fabricating citations. This initiative reinforces UDST's commitment to ethical, AI-driven academic support and advancing research excellence.



SDG 04: Quality Education

5. Investing in Local Talents for Qatar's Maritime Industry



At the Seatrade Maritime Qatar Conference and Exhibition on February 7, 2025, experts highlighted the importance of developing local talent for Qatar's maritime sector. UDST President Dr. Salem Al Naemi emphasized the university's role in upskilling and reskilling the workforce through new majors in marine engineering, port management, and supply chain logistics, STEM initiatives, and the Marine Centre.

UDST also promotes industry collaboration and women's participation, supporting Qatar's sustainable development goals under QNV 2030.

6. UDST Students Excel at GCC Cybersecurity Conference



In February 2025, UDST students Abdulla Al Dossari and Mohammed Al-Naama played key roles in the Capture the Flag (CTF) competition at the GCC Cybersecurity Conference.

Representing Qatar, they helped their teams secure first and second places, demonstrating exceptional problem-solving, teamwork, and technical expertise. Their achievement reflects UDST's commitment to high-quality cybersecurity education and training.



SDG 04: Quality Education

7. CYSEC Cybersecurity Educator of the Year 2025



In February 2025, UDST was honored as “Cybersecurity Educator of the Year” at the CYSEC Qatar event, recognizing its outstanding contributions to cybersecurity education.

The university engaged with industry leaders like Google, Cisco, Kaspersky, and F5, chairing panel discussions and showcasing its role in shaping the next generation of cybersecurity professionals. UDST was the only academic institution recognized among 13 award categories, highlighting its leadership in the field.

8. Healthcare Management Students Gain Hands-On Experience at Itqan and HMC



In February 2025, UDST Healthcare Management students participated in field trips to the Itqan Clinical Simulation and Innovation Center and Hamad Medical Corporation (HMC).

The visits provided hands-on exposure to advanced healthcare technologies and simulation-based learning, enhancing skills in healthcare innovation, informatics, and management. The initiative integrated practical training with theoretical knowledge, preparing students for careers in healthcare technology and management.



SDG 04: Quality Education

9. Students Collaborate on Mobile App Projects for Ministry of Education and Higher Education Competition



In February 2025, UDST students partnered with Khadejah Bint Khuwailid and Al-Qadisiyah schools to develop three mobile apps for a Ministry of Education and Higher Education competition. The projects addressed real-world challenges: preventing unsafe driving among teenagers, improving Arabic pronunciation for elementary students using machine learning, and tracking student safety during emergencies via QR codes.

This collaboration provided hands-on experience in app development while fostering practical problem-solving skills in education, safety, and technology.

10. Bridging Academia and Industry: Shell Qatar Workshops



In May 2025, UDST hosted Shell Qatar professionals for interactive workshops connecting academic learning with industry experience.

Sessions included “Career Journey for Female Engineers in Oil and Gas”, inspiring female students, and technical workshops on Process Safety and CAD Design for 3D Printing, providing practical insights into safety, risk management, and modern manufacturing. The initiative reinforced UDST’s commitment to applied learning and industry collaboration.



SDG 04: Quality Education

11. UDST Participates in Career Village at KidZania



In May 2025, UDST joined the Career Village event at KidZania, organized by the Qatar Career Development Center and the Ministry of Education and Higher Education. The university engaged young students in exploring various career paths, sharing insights on academic programs and future job opportunities.

The initiative highlights UDST's commitment to inspiring and preparing the next generation of professionals through interactive, experiential learning.

12. SAS and UDST Empower Future Innovators at Forecasting Hackathon



In May 2025, UDST, in collaboration with SAS, hosted a three-day Forecasting Hackathon where students applied data analytics and machine learning to address challenges in renewable energy, sustainability, logistics, and BFSI.

Team "pip install," an all-women team, won first place with their project on a data-driven platform for career decisions. The event highlighted UDST's commitment to applied learning, innovation, and preparing students to solve real-world problems.



SDG 04: Quality Education

13. Hosting Shell Delegation to Engage with Sponsored Students



In September 2025, UDST welcomed a Shell delegation led by Mr. Rob Maxwell, EVP and Country Chair, to meet sponsored students and learn about their academic and professional journeys. The visit highlighted the achievements of UDST's Shell Eco-Marathon team and showcased students' practical skills and applied knowledge.

The initiative reinforced UDST's strong industry partnerships and commitment to preparing students for future careers through real-world experiences.

14. UDST Represents Qatar at Expo 2025 Osaka



On 13 October 2025, UDST proudly represented Qatar at Expo 2025 Osaka, Japan, under the theme "Designing Future Society for Our Lives." Showcasing Qatar's innovation, sustainability, and education, UDST's pavilion exhibit—inspired by the Qatari dhow boat—highlighted the fusion of maritime heritage with technological evolution.

Faculty-led STEM and innovation workshops, including "Designing Future Societies Through Education and Innovation" and "Food Security and Sustainable Agritech," offered hands-on learning and engaged international audiences in global sustainability discussions. UDST's participation reinforced its commitment to Qatar National Vision 2030, applied education, and promoting sustainable societal progress.



SDG 04: Quality Education

15. QNBFS Collaborates with UDST for Brokerage Services Training



On 29 January 2025, UDST, in collaboration with QNB Financial Services (QNBFS), conducted a two-day immersive training program for students and faculty. The initiative combined theoretical instruction with hands-on workshops, covering brokerage services, trading platforms, investment strategies, and financial markets.

Participants gained practical exposure through live demonstrations, linking academic knowledge with real-world applications. The program enhanced financial literacy, career readiness, and professional competencies, reflecting UDST's commitment to applied learning and industry-aligned education.

16. Showcasing Qatar's Academic Excellence at NAFSA 2025



On 29 May 2025, UDST participated in the NAFSA 2025 International Education Conference and Expo under the Ministry of Education and Higher Education's Study in Qatar initiative. Joining 15 national institutions, UDST highlighted Qatar's academic excellence, innovation, and applied education. The university showcased programs in engineering, technology, health sciences, and business, emphasizing hands-on learning, industry alignment, and global collaboration.

The event provided a platform to forge international partnerships, expand academic networks, and position UDST—and Qatar—as a hub for career-oriented, high-quality education, reinforcing its mission to prepare future-ready graduates for a knowledge-driven world.



SDG 04: Quality Education

17. NCSA Professorship Chair at UDST



On 29 September 2025, UDST established the NCSA Professorship Chair in Cybersecurity at its College of Computing and Information Technology in partnership with the National Cyber Security Agency (NCSA). The Chair hosts an internationally recognized scholar to advance cybersecurity education, applied research, and community outreach.

It also supports joint projects, training, consultation, and development of national cybersecurity standards, with oversight by a joint committee from UDST, NCSA, and key industries. This initiative aligns with Qatar National Vision 2030, strengthening national cybersecurity capabilities and fostering innovation.

18. UDST Showcases TVET Leadership at Global TVET Forum 2025



From October 28–30, 2025, Professor Michael Phillips represented UDST as an invited panellist at the Global TVET Forum 2025, highlighting the role of UNESCO Chairs in regional and global collaboration.

The panel focused on South-South partnerships that strengthen TVET systems, improve leadership, enhance data availability, and increase the attractiveness of TVET. Discussions emphasized how UNESCO Chairs support UNEVOC and contribute to the global TVET agenda, demonstrating UDST's commitment to sustainable development and applied learning.



SDG 04: Quality Education

19. UDST Strengthens Global TVET Collaboration with UNESCO INRULED



On September 30, 2025, Prof. Michael Phillips of UDST, holder of the UNESCO Chair on TVET and Sustainable Development, met online with Prof. Zhou Zuoyu, Director of UNESCO's International Research and Training Centre for Rural Education (INRULED), Beijing Normal University.

The discussion focused on ensuring forward-looking, adaptable TVET systems amid global economic and technological shifts. Both parties agreed to strengthen cooperation in TVET quality standards, teacher development, and student employability, fostering sustainable innovation and high-quality vocational education internationally.

20. UDST Presents at UNESCO Chair Conference on Sustainability, Technology, and Education



From September 26–27, 2025, UDST participated in the UNESCO Chair Conference at the Education University of Hong Kong (EdUHK). Prof. Michael Phillips delivered a presentation titled “A Sustainable Future through Professional and Vocational Education (Bridging the Skills Gap for a Greener Tomorrow)”, highlighting UDST’s work in TVET and sustainable development.

UDST also contributed to discussions on the establishment of a new UNITWIN Network, fostering international collaboration in sustainability, technology, and vocational education.



SDG 04: Quality Education

21. UDST Presents Research on SDG Implementation in MENA Higher Education



From June 16–19, 2025, Prof. Michael Phillips participated in the Global Sustainable Development Goal Congress in Istanbul, presenting research on “Sustainable Development Goals (SDG) Implementation in Higher Education in the MENA Region”.

Organized in partnership with Times Higher Education and UNESCO Chairs, the presentation examined strategies adopted by MENA universities to align curricula and research with the global sustainability agenda. It emphasized the critical role of vocational education in achieving the SDGs, and the findings have been published, contributing to regional and global discussions on sustainability in higher education.

22. UDST Announces Dual AI Breakthrough at MWC 2025



On November 25, 2025, UDST unveiled two landmark AI initiatives at Mobile World Congress (MWC) 2025. The AI Nexus One Campus App (Google Cloud) delivers a hyper-personalized student platform integrating academic systems, campus services, wellness, and career tools to enhance learning and engagement.

The Microsoft 365 Copilot Agentic AI Operational Framework automates administrative workflows, improving productivity and data-driven decision-making. These initiatives showcase UDST’s digitally empowered campus, advancing educational accessibility, student success, and operational efficiency, while supporting Qatar’s Digital Agenda 2030 and a knowledge-based economy.



SDG 04: Quality Education

23. Dr. Zakaria Maamar Highlights Digital Innovation in Strategic Engagement with Red Hat



In November 2025, UDST, represented by Dr. Zakaria Maamar, Dean of the College of Computing and Information Technology, engaged with Red Hat to showcase digital innovation's role in Qatar's knowledge-based economy. The discussion highlighted open-source technologies—containerization, automation, AI, and cloud platforms—and their integration into student capstone projects using Red Hat OpenShift and OpenShift AI.

This collaboration provides hands-on learning, aligns applied programs with industry certifications, enhances workforce readiness, and supports Qatar National Vision 2030's digital transformation goals.

24. DCMP Students Gain Media Industry Experience



In November 2025, UDST's Digital Communication and Media Production (DCMP) students visited Qatar News Agency (QNA) to gain hands-on insight into the media industry.

The visit included interactive discussions with QNA professionals, exploring operations, communication strategies, and media practices, bridging classroom learning with real-world experience and enhancing students' career readiness in journalism and media production.



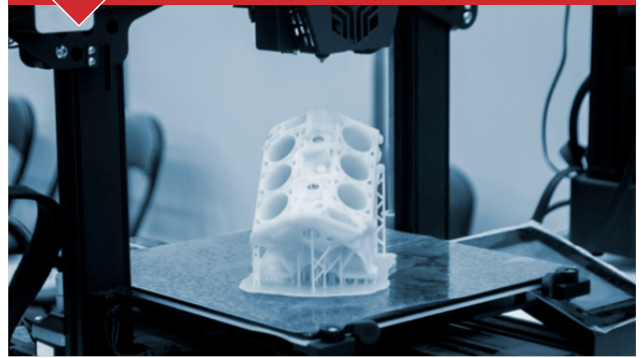
SDG 04: Events

1. Skills Day 2025



On February 26, 2025, over 700 UDST students showcased their creativity, innovation, and technical expertise across Engineering, Health Sciences, IT, Business, and General Education, highlighting the university's commitment to applied learning and preparing graduates for real-world workforce challenges.

2. International Workshop on 3D Printing



The University of Doha for Science and Technology (UDST) hosted the 3rd International Workshop on 3D Printing for Applied Technologies, a two-day event highlighting advancements in additive manufacturing.

3. English Success Zone Hosts Second Meet and Mingle Event



UDST's English Success Zone (ESZ) hosted two Meet and Mingle events to engage students and staff while showcasing its comprehensive English language support services. The January 2025 event highlighted writing workshops, group tutoring, and IELTS preparation, while the September 2025 session focused on Foundation students, featuring a quiz, prize draw, and networking opportunities with ESZ staff.

4. Discussion About Digital Divide to AI Divide



UDST hosted Dr. Mohammad Etedali, senior lecturer at LUT/LAB University, Finland, for a keynote on AI in language education. The session, attended by faculty and students, explored ethical AI integration, inclusive digital learning, and the shift from digital divide to AI divide accelerated by COVID-19.

5. Annual Open Day



UDST hosted its annual Open Day in April 2025, welcoming prospective students and their families for an immersive campus experience. Attendees explored hands-on workshops, interactive booths, and faculty sessions across all disciplines, including engineering and health sciences, while learning about programs, scholarships, and student life.

6. 2nd Capstone Symposium



In April 2025, UDST's College of Computing and Information Technology (CCIT) hosted its 2nd Capstone Symposium, featuring participation from industry partners like Microsoft, Qatar Media City, Rowwad, and Blue Room Innovation.

7. PD Days 2025



In April 2025, UDST hosted Professional Development Days, a two-day program uniting faculty, staff, and experts to explore technology, research, and experiential learning. The event featured panel discussions, hands-on sessions, and AI-focused workshops, emphasizing blended learning, student engagement, cross-college collaboration, and well-being.

8. 4th Scientific Breakfast on Graduate Studies



In May 2025, UDST's College of Computing and Information Technology (CCIT) hosted its 4th Scientific Breakfast on "Graduate Studies @ UDST/CCIT: Challenges, Enablers, Drivers, and Opportunities." The session fostered academia-industry collaboration and reinforced CCIT's commitment to strengthening graduate programs and preparing students for professional success.

9. University Skills Summer Program



In August 2025, UDST introduced the University Skills Summer Program (USSP) to help first-year students transition smoothly into university life. The program offers academic, personal, and professional development through workshops, motivational sessions, peer mentoring, and networking.

10. Distinguished Academic Awards Ceremony



In November 2025, UDST celebrated top-performing students at its Annual Academic Awards Ceremony, recognizing 50 undergraduates and graduates across categories including Academic Excellence, Academic Merit, Innovation, and Applied Research.

11. Hosting Science Fest



In November 2025, UDST's College of General Education hosted Science Fest, an interactive event promoting hands-on scientific exploration. Students engaged in physics experiments (gravity, fiber optics, grip strength), biology activities (DNA extraction, blood typing, fingerprint analysis, diabetes awareness), and chemistry demonstrations (crime scene simulations, water purification, VR periodic table).

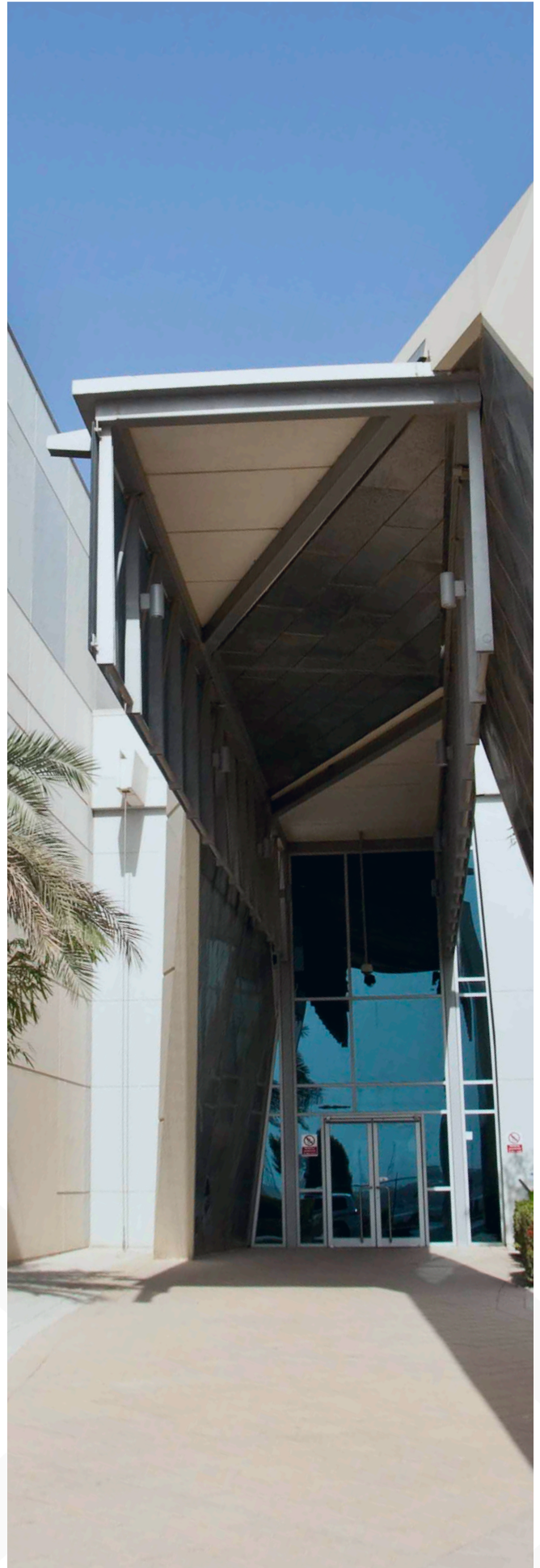
12. World Sustainability Day Celebration



In November 2025, UDST's Foundation Program celebrated World Sustainability Day with student-led initiatives promoting environmental awareness. Activities included the One World, Many Voices Writing Competition and the My Carbon Footprint Graph and Art Challenge, enabling students to explore the impact of daily choices through writing, art, and data visualization.

Research Mapped to SDG 04

- Empowering Students: Ethical and Strategic Integration of AI Tools in Education
- Establishing a Best Practices Framework for AR/VR Integration in Clinical Simulation at Itqan Clinical Simulation and Innovation Center
- Next-Generation Adaptive Learning Systems: Multi-Agent-Driven Personalization for Cognitive, Affective, and Personality traits factors
- Generative AI-tools enhances learning outcomes for Student with Disability
- Teaching Predatory Journal Appraisal Using Persuasive System Design and Gamification
- Decoding DFW Rates and Student Success: A Case Study of First-Year University General Education Courses in Qatar



5 GENDER EQUALITY



Achieve gender equality and empower all women and girls

1. Dr. Rosie Bateson Represents UDST at Doha Women Forum on Women in Education



In September 2025, UDST was represented at the 8th Doha Women Forum by Dr. Rosie Bateson, Dean of the College of General Education, who joined the panel “Equal Access, Unequal Experience: The Reality for Women in Education.” She highlighted challenges women face in accessing quality education globally and locally, sharing UDST’s efforts to foster inclusive and equitable learning environments.

The forum brought together diplomats, education experts, and advocates to discuss strategies for empowering women through education, reinforcing UDST’s ongoing commitment to gender equality and student success.

2. UDST Female Athletes Shine in QCSF University Sports Tournaments 2024–2025



UDST’s female athletes excelled across the 2024–2025 QCSF tournaments, winning 1st place in the Female Basketball Tournament on April 21, 2025, achieving 2nd place in the Women’s University Football Tournament on February 26, 2025, and securing 1st place in the Futsal Tournament on March 14, 2025.

These achievements highlight UDST’s commitment to empowering women in sports and fostering a culture of excellence, teamwork, and leadership.



SDG 05: Events

3. Women in STEM take center stage at DWF-UDST event

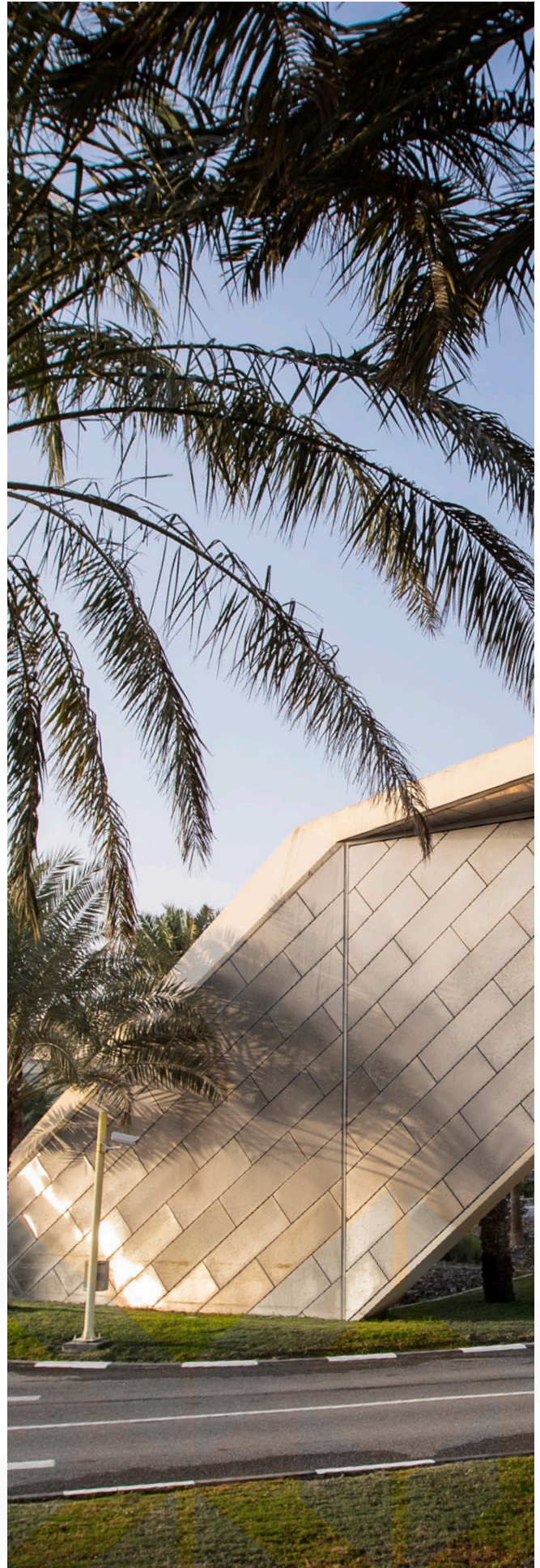


On 14 March 2025, UDST hosted the Doha Women Forum's "Shaping Tomorrow: STEMpowered Women" event to mark the International Day of Women and Girls in Science, bringing together leading female figures from academia, industry, and entrepreneurship to inspire future women in STEM.

The event featured a keynote by the Ambassador of Spain, remarks by UDST leadership, and a panel discussion on challenges, mentorship, and women's role in innovation.

Research Mapped to SDG 05

- Towards Vision 2030: Expanding the Representation of Women in Qatar's Technology Sector



6 CLEAN WATER AND SANITATION



Ensure availability and sustainable management of water and sanitation for all

Research Mapped to SDG 06

- Biocarbon-Driven Dye Remediation: Transforming Biomass Waste into Water Purification
- Efficient Removal and Detection of Persistent Organic Pesticides from Environmental Water Using Tailored Molecularly Imprinted Polymer Films: A Sustainable Approach for Water Purification
- Harnessing Sustainability: Atmospheric Water Harvesting in Qatar's Desert climate
- Real-time AI-driven Groundwater Resilience Dashboard: A Tailored Climate Change Adaptative Solution for Qatar and beyond



7 AFFORDABLE AND CLEAN ENERGY



Ensure access to affordable, reliable, sustainable and modern energy for all

UDST Students Showcase Innovation at Shell Eco-Marathon



On February, 2025, UDST students made a strong debut at the first Shell Eco-marathon hosted in Qatar, where 30 engineering students including several Qataris—designed and built two eco-friendly vehicles powered by electricity and ethanol in under four months.

Their participation demonstrated advanced engineering skills, innovation, and commitment to sustainability, reinforcing UDST's role as a regional hub for energy-efficient and future-focused engineering solutions.

Research Mapped to SDG 07

- Assessment, Design, and Deployment of a Floating Photovoltaic Energy System in Qatar
- Design and fabrication of heat sink used in Lithium-Ion Battery powered cars to reduce risk of fires
- Prediction of boil-off gas in LNG carriers
- Driving Green: A Comprehensive Sustainability Analysis of Natural Gas-to-Methanol and Methanol-to-Gasoline Supply Chains
- Robust Adaptive HCS Algorithm to Reach MPPT for Small-Scale Wind Turbines under Rapid Change Wind Speed
- A Case Study of Qatar Residential Buildings Cooling Units: A Pathway Towards A Net-Zero Emissions

8 DECENT WORK AND ECONOMIC GROWTH



Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

1. UDST Receives 'Great Place to Work' Recognition for Third Consecutive



Year - On May 6, 2025, UDST was certified as a Great Place to Work® for the third consecutive year, following independent evaluations by Great Place to Work® Middle East.

The recognition reflects the university's commitment to a transparent, inclusive, and innovative workplace, offering professional development, international conference opportunities, and health and wellness initiatives, including its FISU Healthy Campus Platinum Label. This highlights UDST's dedication to talent cultivation, excellence, and a collaborative, empowering work environment.

2. Najah Qatari Platforms Youth-Led Initiatives and Empowerment



On May 29, 2025, UDST hosted the 2025 edition of Najah Qatari, a two-day event uniting youth institutions, universities, innovators, and community initiatives across Qatar.

The event empowered Qatari youth through forums, exhibitions, competitions, and presentations, highlighting projects focused on heritage, identity, and social impact. It promoted creativity, entrepreneurship, and community engagement, supporting the development of a proactive generation aligned with Qatar National Vision 2030.



SDG 08: Decent Work and Economic Growth

3. GTA Awareness Booth at U DST Aims to Attract National Talent



On September 23, 2025, the General Tax Authority (GTA) hosted an interactive awareness booth at U DST to engage students and graduates in computing, IT, and business. The booth highlighted GTA's functions, scholarship programs, and career opportunities, encouraging youth to consider taxation careers.

The initiative emphasized innovation, professional development, and national talent empowerment, supporting Qatar's sustainable economic goals.

4. U DST Participation at the Second World Summit for Social Development



From November 4–6, 2025, Professor Phillips and mentee Sruthi Udayakumar represented U DST as invited speakers in the session Scaling Up Investments in Youth for Social Justice and Decent Work at the Second World Summit for Social Development.

The dialogue presented the Global Youth Investment Platform, aimed at mobilizing public-private financing for youth-led and youth-serving programs, advancing Pact for the Future Action 34(a). The event, organized by the UN Youth Office and co-organized with ILO, the UN Secretary-General's Pact Implementation Team, and the Permanent Missions of Kuwait and Kazakhstan, highlighted the role of excellence in TVET and applied learning.



Career Fair 2025 Connects Students with Leading Employers



On 4 November 2025, UDST hosted Career Fair 2025, bringing together more than 95 local and international employers and offering over 2,450 opportunities, including jobs, internships, cooperative training, and sponsorships. The two-day event featured career-readiness workshops and CV/ interview coaching, while adopting a fully paperless digital application system to support sustainability.

By linking students, alumni, and high school visitors with industry partners, the fair strengthened pathways to employment, entrepreneurship, and innovation, showcasing UDST's commitment to preparing graduates for a knowledge-based economy and advancing Qatar National Vision 2030.

Research Mapped to SDG 08

- Impact of Effective Talent Management on Economic Sustainability in Transitioning Economies: The Case of Qatar's Financial Services Sector





Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

1. UDST Team Secures Second Place at Shell Eco-Marathon Europe and Africa 2025



On June 23, 2025, the UDST Wolves Racing Team earned second place in the Autonomous Urban Concept category at the Shell Eco-Marathon Europe and Africa 2025.

Their fully in-house designed autonomous electric vehicle showcased applied engineering skills, automation expertise, and sustainable mobility solutions, marking UDST's debut in the autonomous vehicle category and highlighting the university's commitment to hands-on, real-world innovation.

2. UDST Participates in Web Summit 2025 Through UHUB Business Incubator



On February 22, 2025, UDST showcased its innovation and entrepreneurship efforts at Web Summit 2025 via its UHUB business incubator.

The university hosted workshops, networking sessions, and discussions to support startup growth, commercialize research, and foster collaboration between entrepreneurs, investors, and industry leaders, while establishing local and international partnerships in technology and innovation.



SDG 09: Industry, Innovation, and Infrastructure

3. UDST Participates in 3rd International Scientific Conference on CSR Research 2025



In May 2025, UDST participated in the 3rd International Scientific Conference on CSR Research, exploring the role of artificial intelligence and innovation in promoting social responsibility and sustainable development.

The delegation, including Dr. Rachid Benlamri, engaged with global experts on AI in CSR, inclusive education, innovation in sports and healthcare, and the legal and ethical dimensions of AI in social development.

4. UDST Wins Google Cloud Research Excellence Award in Cloud and Infra AI



June 1, 2025, UDST received the Google Cloud Research Excellence Award in Cloud and Infra AI at the Google Cloud Summit in Doha.

The award recognized UDST's applied research through its G-Lab in areas including big data analytics, bioinformatics, engineering, and high-performance cloud computing, highlighting the university's commitment to technological innovation and research excellence.



SDG 09: Industry, Innovation, and Infrastructure

5. UDST Team Wins Second Place at Global Huawei ICT Competition in China



On June 2, 2025, UDST students secured second place in the Innovation Track of the Huawei ICT Competition 2024–2025 Global Final in Shenzhen, China.

Their project, “Be My Sense,” is an AI-powered solution aiding deaf and hard-of-hearing individuals with real-time translation and smart wearables, showcasing UDST’s commitment to innovation, accessibility, and socially impactful technology.

6. UDST Students Showcase Project on Predatory Publishing at Global Congress



In September 2025, UDST undergraduate researchers presented an innovative digital escape room project at the 89th World Library and Information Congress in Astana, Kazakhstan.

The game educates graduate students and early career researchers on identifying predatory journals and conferences, under UDST’s UREP program and QRDI support, highlighting the university’s focus on research, innovation, and practical learning.



SDG 09: Industry, Innovation, and Infrastructure

7. UDST Participates in QatarEnergy LNG 19th Engineering Conference



On September 29, 2025, UDST contributed to QatarEnergy LNG's 19th Engineering Conference at the Qatar National Convention Centre, engaging with industry leaders and academics on innovation, sustainability, digitalization, AI, decarbonization, and energy efficiency.

The participation highlighted UDST's role in applied research, academia–industry collaboration, and supporting Qatar's sustainable energy development.

8. UDST Named Lead University for Sustainability Innovation Hubs



On November 5, 2025, UDST was announced as the Lead University for developing Sustainability Innovation Hubs for Community and Industry Engagement in the Middle East, under the South-South University Cooperation Network (2026–2030). Professor Phillips serves as the Focal Point, leading engagement with regions across Asia & Pacific, Africa, and Latin America & the Caribbean.

The five-year initiative involves 69 universities and partners from the Global South, showcasing UDST's excellence in TVET and applied learning. This recognition follows UDST's leadership in the Greening with Science, Technology, and Innovation (GWSTI) Bootcamp and successful participation in the Global Roadshow.



9. Excelling at the 17th UREP Competition with Multiple First-Ever Wins



On November 12, 2025, the University of Doha for Science and Technology (UDST) achieved outstanding results at the 17th Undergraduate Research Experience Program (UREP) Competition, organized by the QRDI Council at the HBKU Research Complex. UDST students secured several major awards, including 1st Prize in the Poster Competition for Rahma, a cross-platform clothes donation app; 3rd Prize for the Smart Outcome-Driven Remedial Course Generator; 3rd Place in the Oral Competition for a Hybrid Life Cycle Sustainability Assessment of the Blue Ammonia Supply Chain; and the institution's first-ever BRIO Award for a food security project.

These accomplishments highlight the university's advancing leadership in applied research, technological innovation, and sustainability-focused solutions, while reinforcing its commitment to nurturing undergraduate research excellence in alignment with Qatar National Vision 2030.

Research Mapped to SDG 09

- Simulating Autonomous Vehicle Performance in Desert Environments: Enhancing Public Safety in Qatar through Video Game Technology
- Scalable and Touchless Palm Vein Recognition with Mobile App Support for Efficient and Secure Student Attendance Management in Higher Education
- Proof of Concept for a Smart Connected Campus: Optimizing Operations, Enhancing Teaching, and Supporting Research

10 REDUCE INEQUALITIES



Reduce inequality within and among countries

1. UDST Hosts Job Shadowing and Training Initiative with Shafallah Center



On May 5, 2025, UDST welcomed participants from the Shafallah Center under the Is'ham Initiative, providing training and job shadowing opportunities to empower individuals with intellectual disabilities and autism, fostering workplace confidence, independence, and promoting inclusive education and community collaboration.

2. UDST Hosts Film Festival for Global Accessibility Awareness Day



On May 29, 2025, UDST celebrated Global Accessibility Awareness Day with a film festival showcasing short films on accessibility, inclusion, and empowerment, fostering dialogue on equality and diversity while engaging students and faculty in promoting an inclusive community.

11 SUSTAINABLE CITIES AND COMMUNITIES



Make cities and human settlements inclusive, safe, resilient and sustainable

1. UDST Celebrates Cultural Diversity at Festival of Cultures 2025



On February 9, 2025, UDST hosted the Festival of Cultures 2025, engaging over 1,300 students from 24 countries in cultural performances, flag walks, and interactive booths showcasing traditional attire, food, and heritage, highlighting the university's commitment to inclusivity, unity, and intercultural dialogue.

2. UDST Celebrates Garangao with Community Event



In March 2025, UDST celebrated Garangao, engaging students, staff, and families in traditional activities, folk songs, and treat distribution. The event promoted cultural awareness, community spirit, and the preservation of Qatari heritage while creating an inclusive and joyful environment for all participants.

Research Mapped to SDG 11

- Smart Campus Resource Management System: AI-Driven Electrical-Water-Transport Nexus
- Active Sensing And Control For A Safer Electric Micromobility In Qatar

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



Ensure sustainable consumption and production patterns

1. UDST Hosts Symposium on Sustainable Organic Waste Management and Zero-Waste Innovations



On January 8, 2025, UDST, in collaboration with the UK FCDO, hosted a symposium on sustainable organic waste management and zero-waste innovations, featuring research on composting, Bokashi fermentation, AI-driven compost maturity prediction, and community integration. The event brought together experts and policymakers, highlighting UDST's leadership in waste reduction, sustainability, and zero-waste initiatives in Qatar.

2. UDST and Dolphin Energy Host Zero Waste Hackathon to Promote Student Innovation



On July 1, 2025, UDST, in partnership with Dolphin Energy, hosted the Zero Waste Hackathon, engaging 23 student teams to develop innovative waste management solutions. The event highlighted applied education, industry collaboration, and student-driven sustainability initiatives, reinforcing UDST's leadership in environmental stewardship and its goal to become a Zero Waste Campus by 2027.



3. UDST Students Showcase Black Soldier Fly Farming for Sustainable Waste Management



On April 15, 2025, UDST students demonstrated how Black Soldier Fly (BSF) farming can transform organic waste from markets and restaurants into high-protein animal feed and organic fertilizer, reducing landfill waste and promoting resource efficiency. The project advances sustainable agriculture, circular economy practices, and job creation, highlighting UDST's commitment to innovation in environmental sustainability and responsible production.

Research Mapped to SDG 12

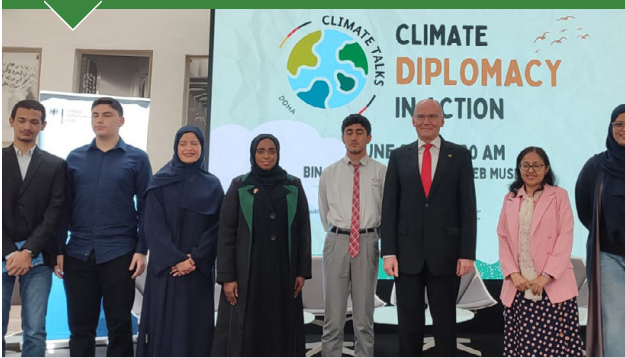
- Carbon Quantum Dots (CQDs) Synthesis from Biochar Derived from Food Waste: A Continuous Path to Sustainability from Waste to Wealth
- Application of Circular Economy and Cleaner Production Principles for Environmental Sustainability: Evidence from the Qatari Hospitality Sector

13 CLIMATE ACTION



Take urgent action to combat climate change and its impacts

1. UDST Student Represents Youth Leadership at Doha Climate Talks 2025



In June 2025, UDST Environmental Health student Dana Abu Gazar participated in the “Youth Activism & Climate Action Partnerships” panel at Doha Climate Talks 2025, organized with the German Embassy and Arab Youth Climate Movement Qatar.

Dana highlighted student-led sustainability initiatives, including tree planting and campus climate projects, showcasing UDST’s commitment to empowering students as environmental changemakers and promoting youth-driven climate action.

2. UDST Research Team Presents Climate Study at International Conference in Germany



From June 23–26, 2025, UDST’s Environmental Health & Safety team presented their UREP-funded study on climate change impacts on fungal growth and mycotoxin production in dried produce at the Keystone Symposia Conference in Hannover, Germany.

Represented by Norr Hassan and student Aya Aljaja, the presentation highlighted food security implications, received positive feedback from international experts, and fostered opportunities for global collaboration in climate and public health research.



3. MECC Completes Nine-Week Environmental Training for UDST Students



From April 27 to June 26, 2025, the Ministry of Environment and Climate Change (MECC) conducted a nine-week field training program for UDST students. The program provided hands-on exposure to environmental assessment, laboratory work, recycling operations, and workshops, bridging academic learning with practical experience.

This initiative strengthened students' skills, employability, and national capacity in environmental science, supporting Qatar's sustainable development goals.

4. UDST Supports National Sustainability Milestone as Golden Sponsor



In May 2025, UDST served as Golden Sponsor for the Corporate Environmental Sustainability: Reports and Achievements Conference and Book Launch, under the patronage of H.E. Dr. Abdullah bin Abdulaziz bin Turki Al-Subaie. UDST Vice President for Applied Research and Graduate Studies, participated as a panelist, sharing insights on sustainability trends and academia's role in corporate environmental transformation.

The event also celebrated a landmark book showcasing Qatari companies' achievements in emissions reduction, resource efficiency, and sustainable operations.



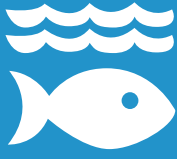
5. UDST Hosts Mini-Symposium on Green Shipping and Maritime Decarbonization



In June 2025, UDST hosted a Mini-Symposium on “Green Shipping – Shipping Decarbonization”, bringing together international experts, researchers, and industry professionals to discuss carbon emission reduction, maritime regulations, innovative fuel technologies, and energy-efficient marine operations.



14 LIFE BELOW WATER



Life Below Water - Conserve and sustainably use the oceans, seas and marine resources for sustainable development

1. Qatar's first Maritime Training, Simulation Center inaugurated



On July 4, 2025, UDST, in collaboration with the Ministry of Transport, inaugurated Qatar's first Maritime Training and Simulation Center (MTSC). The center, featuring Class A and C simulators for navigation, engine operations, and safety training, offers IMO-accredited programs and hands-on maritime education.

The event included a strategic MoU signing between UDST and the Ministry, establishing long-term collaboration in training, certifications, research, and capacity building. The MTSC positions Qatar as a regional hub for maritime education and workforce development, supporting applied learning and national sustainable development goals.

2. UDST Organizes Beach Cleanup Initiative to Promote Environmental Awareness and Sustainability



On November 6, 2025, the University of Doha for Science and Technology (UDST) co-organized a large-scale beach cleanup at Al Wakrah Public Beach during Qatar Sustainability Week, in collaboration with the Ministry of Youth and Sports, the Ministry of Municipality, the Friends of the Environment Center Qatar, and industry sponsors including QAPCO. The initiative engaged 150 students in hands-on marine conservation efforts, raising awareness about plastic pollution and its impact on coastal ecosystems while providing practical experience in waste classification and recycling. The event underscored UDST's commitment to applied learning, environmental stewardship, and community engagement, empowering students to actively contribute to Qatar's sustainability priorities and long-term environmental goals.

Research Mapped to SDG 14

- Modeling and Simulating Qatar's Sea Shell Patterns: Exploring Ecological Dynamics and Cultural Significance
- Early Detection of Oil Spills in Seawater through Rapid Fluorometric Detection of Adsorptive Molecularly Imprinted Polymer Films

15 LIFE ON LAND



Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

1. UDST Joins Qatar's National Biodiversity Database Project Launch



In June 2025, UDST participated in the launch of Qatar's National Biodiversity Database Project, a platform to document and preserve the country's ecosystems. UDST signed the Primary User Document, demonstrating its commitment to applied research, environmental stewardship, and supporting evidence-based conservation.

The initiative provides a key resource for researchers, educators, and policymakers, advancing Qatar's sustainability and knowledge-based development goals.



16 PEACE, JUSTICE AND STRONG INSTITUTIONS



Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

1. Youth and Nation Building: Lecture by Sheikh Dr. Ahmad Al-Farjabi



Research Mapped to SDG 16

- Integration of Artificial Intelligence to modernize the governance of charity sector in Qatar: A qualitative study
- Transforming Public Sector Governance in Qatar: Exploring a Multi-Stakeholder Approach

In January 2025, UDST, in collaboration with the Ministry of Endowments and Islamic Affairs, hosted a lecture titled “Youth and the Issues of the Nation” by Sheikh Dr. Ahmad Al-Farjabi. The session explored challenges facing youth and emphasized their role in shaping communities and the nation, drawing on historical, Islamic, and contemporary perspectives.

The lecture encouraged active societal contribution and inspired meaningful discussions among participants.

17 PARTNERSHIPS FOR THE GOALS



Strengthen the means of implementation and revitalize the global partnership for sustainable development

1. Highlighting Applied Learning in Visit from Austrian Ambassador and IMC Krens



In September 2025, UDST hosted Her Excellency Erika Bernhard, Austrian Ambassador to Qatar, along with a delegation from IMC Krens University of Applied Sciences. The visit showcased UDST's hands-on, industry-aligned facilities including the Mobility Lab, Operations and Maintenance Training Pilot Plant, Nursing and Radiography Labs, and AI and Cybersecurity Labs.

Discussions emphasized academic collaboration, student mobility, and joint research initiatives, reinforcing UDST's commitment to applied learning, global partnerships, and contributions to Qatar National Vision 2030.

2. Swiss State Secretary Dr. Martina Hirayama Visits UDST



In May 2025, UDST welcomed Dr. Martina Hirayama, Swiss State Secretary for Education, Research and Innovation, along with a high-level delegation. The visit included tours of UDST's state-of-the-art facilities and discussions with President Dr. Salem Al-Naemi on opportunities for collaboration in education, research, and innovation.

Dr. Hirayama praised UDST's progressive approach to higher education, highlighting the university's commitment to international partnerships and knowledge advancement.



SDG 17: Partnerships for the Goals

3. Strengthening Academic Ties with Indonesia



In June 2025, UDST hosted a delegation from leading Indonesian universities, led by HE Ridwan Hassan, Ambassador of Indonesia to Qatar. The visit focused on strengthening academic collaboration and exchanging best practices in applied education. Delegates toured UDST's state-of-the-art facilities and learned about its hands-on, industry-aligned programs.

Discussions highlighted opportunities for student exchange, joint research, and technical training, reinforcing UDST's role in experiential learning, workforce development, and promoting international academic cooperation.

4. Hosting University of Sharjah Delegation to Strengthen Academic Collaboration



In November 2025, UDST hosted a delegation from the University of Sharjah to strengthen academic collaboration and showcase its state-of-the-art teaching and learning facilities. The visit included tours of key laboratories across multiple colleges, including Mechanical and Electrical Engineering labs, Cybersecurity, Data Science and AI labs, the Business Trading Room equipped with LSEG technology, and the Nursing Laboratory at the College of Health Sciences.

Delegates explored UDST's applied, industry-aligned training environment and engaged in discussions on shared priorities in experiential education and future partnership opportunities. The visit reaffirmed UDST's commitment to fostering regional academic cooperation and advancing hands-on learning excellence.



SDG 17: Partnerships and MoUs Signed during 2025

1. Naseem Health Care



Enhance student and employee wellness through discounted healthcare services, on-campus health campaigns, awareness lectures, and free consultations including dental and dermatological screenings during university events, reinforcing preventive care and community well-being.

2. Qatar Cancer Society (QCS)



Advance cancer awareness, prevention, research, and community outreach.

3. Al Farid Hospital



Enhance practical training opportunities for Health Sciences students and focus on clinical training, research, and community outreach, offering students real-world exposure in areas such as environmental health, occupational safety, and advanced medical practices.

4. Center of Progressive Reforms (Uzbekistan)



Enhance academic cooperation, skills development, and professional training.



SDG 17: Partnerships and MoUs Signed during 2025

5. National Technical University of Athens (NTUA)



Strengthen collaboration in education, research, and training within engineering and technology.

6. Airbus, École Nationale de l'Aviation Civile (ENAC), Institut Supérieur de l'Aéronautique et de l'Espace (ISAE-SUPAERO), and Qatar Airways.



Strengthen aeronautics education, research, and industry-academia integration in Qatar.

7. Q Three Sixty for Training and Development



Support joint initiatives such as financial backing for university programs, student workshops, internships, and faculty industrial visits.

8. Metaverse Learning Limited, MX Reality Limited, and vGather Limited (Metaverse Hub): (Uzbekistan):



Advance immersive education, applied research, and innovation in Qatar.



SDG 17: Partnerships and MoUs Signed during 2025

9. Cultural Village Foundation (Katara)



Advance astronomy and space science education through AI Thuraya Planetarium.

10. Innopolis University



Collaborative efforts in machine learning, computer vision, natural language processing, robotics, and AI applications in key sectors such as healthcare, smart cities, and energy.

11. LIC and UDST announce strategic partnership



Enhance student opportunities and operational capabilities at Qatar's premier motorsport venue. The collaboration supports Qatar National Vision 2030 by fostering education, innovation, and youth employment in sports and events management, especially for major events like Formula 1, MotoGP, and the World Endurance Championship.

12. Nakilat (Qatar Gas Transport Company Ltd.)



Strengthen cooperation in maritime education, training, and applied research. The agreement supports the development of UDST's Marine Engineering Technology program while creating practical training opportunities and future employment pathways for students entering Qatar's maritime sector.



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