



UDST POST

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جامعة الدوحة
للعلوم والتكنولوجيا
UNIVERSITY OF DOHA
FOR SCIENCE & TECHNOLOGY



CLUBS FESTIVAL:

A CELEBRATION OF COMMUNITY



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Message from the President

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

One month has passed since the beginning of the academic semester and many events and activities took place over this short period of time. The campus has been very busy hosting the Orientation Day, Club Fair, Welcome Event, partnership ceremonies. Our commitment to offering students a second-to-none academic experience keeps our campus dynamic and vibrant with a lot of events and opportunities to develop and grow.

This month's Post celebrates our student body's creativity and its strong commitment to serving the community. Furthermore, the newsletter sheds light on many partnerships we have initiated to diversify our network and better serve the ever-increasing number of our students. We are also very proud of the research that is being conducted by our faculty and students and the contributions that our researchers make to the economy.

Recently, QNRF has chosen UDST's research project: "Designing and Optimizing a Composting System for Converting Animal Farming and Food Wastes into Value-added Products", to be showcased at QNRF's "Waste to Value" seminar.

On another note, the much-awaited FIFA World Cup Qatar 2022™ is still the center of attention with less than 100 days to go. Therefore, UDST Post has gathered all the information you need to know about the exciting fan activations during the tournament.

Finally, I wish to share with you some thoughts on the future of UDST. The University is experiencing strong growth and we believe that your contribution to this community will support us in achieving more and position UDST as a highly-ranked institution with award-winning educational programs, so let's keep aiming higher!

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



UDST organizes “Clubs Festival” to engage students in extracurricular activities

University of Doha for Science and Technology held its “Clubs Festival”, an event that takes place at the beginning of each Fall and Winter semester to encourage students’ involvement in extra-curricular activities. The Student Engagement Department, a division of Student Affairs, coordinates the event along with students from each club who are encouraged to decorate their booths and find engaging ways to attract new members to their clubs.

The event adopts a “by students, for students,” approach which provides students an opportunity to participate in student life activities as well as share ideas and create memorable activities and performances. Extracurricular activities such as these provide opportunities for students to expand their networks, communicate professionally as well as develop new skills and talents.

Dr. Salem Al-Naemi, President of UDST described the event as a bridge that creates more interaction between students and contributes to their personal and professional growth.

He added: “UDST adopts a student-centered approach, therefore we aim to give a holistic experience to our

students that supports their development, builds their character, and strengthens their creativity and innovation. The different clubs founded at the University reflect as well students’ interest in being active outside the classroom while pursuing their academic life.”

Students at UDST can start their own club or join an existing one. The clubs’ list is extensive and reflects the great involvement of UDST’s management in creating extra-curricular activities that answer the aspirations of the students and their interests.

The list includes the following: Photography Club, Music Club, Volunteers Club, Art Club, Debate Club, Deen Club (Religion) Toastmasters Club, Four Paws Club (animal welfare), Theater Club, Environment Club, Book Club, Best Buddies Club. New clubs have also been created this semester and include Qatari Student Association, the Filmmakers Club, Fan Club, and Cooking Club.

Other Student Affairs departments – Sport and Wellness and the Library – also participated, providing additional opportunities for students to be involved in.



Clubs Festival





A new academic year starts at U DST with new programs and close to 6000 students

University of Doha for Science and Technology welcomed back students to campus for the start of the new academic year. Close to 6000 new and returning students joined the University for the 2022-2023 academic year across 4 different Colleges: Business Management, Computing and Information Technology, Engineering Technology, and Health Sciences.

This year saw an increase of 15% in the application rate after announcing 12 new programs that the University has made available for this Fall term. At U DST, both Qatari citizens and children of Qatari women are exempt from the payment of tuition fees for Bachelor's degree and diploma programs.

U DST offers applied Bachelor's and Master's degree programs in addition to diplomas and certificates. 58 programs are tailored to the needs of Qatar's economy, of which 8 are unique in Qatar: Bachelor of Applied Business Administration in Banking and Financial Technology; Bachelor of Applied Science in Data Science and Artificial Intelligence; Bachelor of Applied Science in Respiratory Therapy and Bachelor of Applied Science in Medical Radiography; Bachelor of Applied Science in Digital Communications and Media Production; Bachelor of Science in Electrical Engineering - Applied Electrical Power and Renewable Energy; Bachelor of Engineering in Construction Engineering; Bachelor of Science in Electrical Engineering - Applied Automation and System Control Engineering.

Dr. Salem Al-Naemi, President of U DST expressed his confidence that the University would continue to grow at a fast pace. He said: "U DST's core values of performance, excellence, and achievement are the foundation of our commitment towards our students and our nation. Our aim is to help our community self-develop and seek innovation that serves society and achieves sustainability under the Qatar National Vision 2030. We have developed and actioned many strategies in collaboration with our partners which will result in the reveal of multiple unique projects that will benefit our society and position U DST as a leading institution in applied education. We are also on the verge of witnessing a one-of-a-kind event in Qatar and that is the much-awaited FIFA World Cup Qatar 2022™. We are all looking forward to this world event that will bring together people from across the globe to celebrate not only football but the state of Qatar. I wish everyone a happy and safe return and we start this term full of hope and optimism as the University gears up to equip its students with the tools to face changes and achieve new goals."

Prior to the first day of classes, students took part in orientation sessions organized by the Student Engagement department. New joiners were introduced to the many advanced laboratory and simulation facilities that the campus boasts, and were able to meet highly skilled counselors who will be supporting them through their study journey. Furthermore, students had the opportunity to engage in different activities and join clubs and a wide variety of sports teams.



UDST hosts the Annual President's Welcome Event

At the beginning of every Academic Year, Dr. Salem Al-Naemi, President of UDST brings the University's community together for engaging discussions on our yearly strategy and action plans.

The event is also an occasion to hear from UDST's leaders on our new policies, and anticipate any uncertainties that may lie ahead. During his speech, Dr. Salem said: "In an era where information and knowledge are growing at exponential rates, at a time where significant technological advances are helping us solve real-world problems, I see opportunities for all of us. I see opportunities to reinvent applied education, to find innovative ways connecting the classroom to the industry, ways that will empower our students and help them master their careers. I see opportunities to reimagine applied science and problem-solving research... opportunities to connect with the local and global community and make a difference."



UDST signs an MoU with Mowasalat (Karwa)

Effective Use of Technology for Road Safety: A Mutual Concern

University of Doha for Science and Technology has signed a memorandum of understanding with Mowasalat (Karwa). The agreement sets a framework for cooperation and ongoing projects between both entities. This includes conducting research and development studies, particularly in the areas of road safety and technology. UDST and Mowasalat will perform many training exchanges and launch professional development programs focused on health, safety, environment, and "Train the Trainer" model.

Mowasalat (Karwa) will also offer UDST students the chance to conduct their internships at its premises and will support UDST's graduates with employment opportunities. The organization will also take part in the University's Career Fair and will cooperate with UDST and its students on many events and awareness campaigns that tackle road safety such as Traffic Week, Mowater event, and technical advancements such as Skills Competition, UDST's largest co-curricular event of the academic year. The signing parties will also benefit from a joint learning experience related to operational aspects of transportation.



UDST and Silatech sign a collaboration agreement: An initiative that bridges the gap between employers and job seekers to provide economic empowerment opportunities for youth in Qatar

University of Doha for Science and Technology and Silatech established a collaboration agreement to support youth economic empowerment in Qatar through bridging the gap between employers and job seekers and developing their professional skillset to be competitive in the job market. Under the agreement, UDST will support the database expansion of Silatech's employability portal Ta3mal to create a greater reach among job seekers and employers through the University's partners' network.

The partnership will also offer UDST, its students, and its alumni access to Ta3mal to promote the University's vacancies. In parallel, students and alumni will have access to the portal to benefit from 1200+ online courses, skills updates, and access to job opportunities. UDST and Silatech will join forces to support the professional development of young job seekers and prepare them for the transition to the job market.



UDST signs an MoU with Al Sulaiteen Agricultural Research Studies and Training Center

University of Doha for Science and Technology (UDST) has signed a memorandum of understanding with Al Sulaiteen Agricultural Research, Studies and Training Center (SARSTC). The signing ceremony took place at UDST in the presence of Dr. Salem Al-Naemi, President of UDST and Mr. Abdallah Salem Al Sulaiteen, Chairman SARSTC, and different stakeholders.

The agreement brings forward many collaboration opportunities in the fields of scientific research, capacity building, exchange of staff and scientific information, and more. Both parties agreed to join efforts in the conduct and promotion of scientific research and development, in the areas of agriculture, water, and renewable energy, in addition to food security, agricultural production systems, nutritional security and diet diversification. The MoU sets also a platform to develop joint proposals to seek research grants aiming at funding collaborative research, development and training activities.



UDST's project selected to be showcased at QNRF "Waste to Value" research outcome seminar

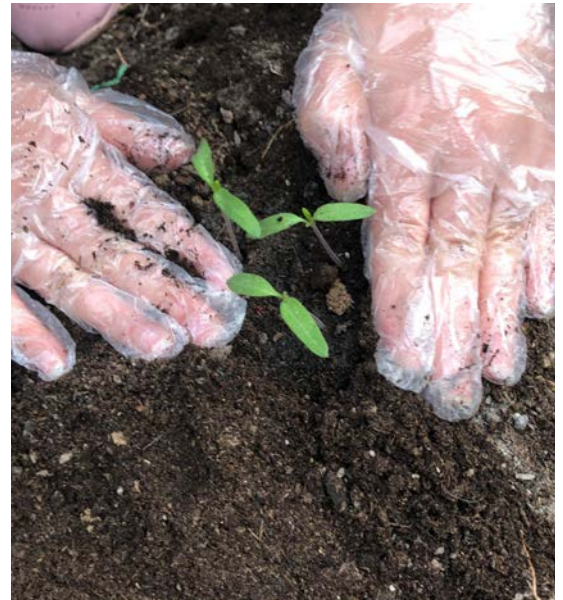
UDST's project "Designing and Optimizing a Composting System for Converting Animal Farming and Food Wastes into Value-Added Products", funded by QNRF, has been chosen for presentation at the online research outcome seminar "Waste to Value".

This project has been conducted under the supervision of Dr. Amin Esmaeili and Mr. Azad Ashraf with the participation of students from the College of Engineering Technology - Chemical and Processing Engineering: Mariam Hassan, Psalm Bontigao and Gharam Al-Ali Amal Al-Sayegh.

A national interest

Qatar's food consumption has been forecasted to grow to 1.9 million tons in 2023 due to several reasons such as the rising population, the increase in tourists' visits, and social and sports activities. Qatar's Strategic Food Security Projects 2019-2023 aim at increasing the local livestock and food production to about 30% of the total demand of the country by the end of 2023. On the other hand, food waste is a huge concern for Qatar, with studies showing that over half of the municipal garbage is composed of food waste and only a minimal portion of this discarded food is being recycled. Therefore, developing and applying new technologies to manage and convert food wastes to value-added products is of great importance to the sustainable development of the State of Qatar.





Composting: a viable solution

UDST's study aimed at designing, constructing, and optimizing a semi-automatic and low-cost composting system that is capable to treat various types of bulky organic wastes existing in Qatar and convert them into economically-valuable products and fertilizers that are more concentrated and have a high amount of nutrients like N(Nitrogen), K (Potassium), and P(Phosphorus).

In this project, UDST's team produced several batches of compost by combining various organic wastes including food wastes and sheep and camel manures to find the best composition for the composting purpose. The produced composts have been applied to grow tomatoes in both a traditional greenhouse and a smart and sustainable greenhouse equipped with various sensors such as thermocouples, pH meters, and humidity meters to monitor the plant growing conditions and the best combination of organic wastes was proposed.



FIFA World Cup Qatar 2022™ Let's get ready!

With less than three months to go until the big kick-off, UDST Post will be dedicating "The Social" section to share with its readers facts, figures and all the information related to the greatest football show on earth. This month we are shedding light on what fans can expect during the tournament.



The Corniche

📍 Doha Corniche

1 6km stretch from Sheraton Hotel to MIA Park

2 Carnival atmosphere

3 Roving performers

4 Food and beverage outlets

FIFA Fan Festival™

📍 Al Bidda Park

1 Live matches

2 Football activities

3 Stage performances

4 Sponsor activations

Qatar2022™

Last-Mile Cultural Activation

Vicinity of all stadiums

- 1 More than 6,000 performances
- 2 Artists from across the world
- 3 21 locations

Al Maha Island Lusail

Lusail

- 1 Theme park
- 2 Ice skating
- 3 Circus
- 4 Concerts
- 5 Variety of international restaurants

Arcadia Spectacular

Near Ras Bu Fontas metro station

- 1 Dance festival
- 2 Live DJs
- 3 Theatrical décor and techno music

Qatar2022™

974 Beach Club

974 Beach (near Stadium 974)

- 1 Music
- 2 Water sports
- 3 Food and beverage outlets
- 4 Retail stores

Lusail Boulevard

Lusail City

- 1 Street performers
- 2 Vehicle parades
- 3 Light shows
- 4 Food and beverage outlets

MDLBEAST

Al Wakrah

- 1 Music festival
- 2 Live DJs and artists



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