



40 Winners in Local Competitions of Hamdan Foundation's 26th Cycle

Winter Program for the Gifted:
Panel Discussions and Workshops
to Refine Students' Skills

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of "Innovators" Competition

Honoring Winners of 2nd Excellence
and Creative Engineering Award
on 16 January 2024

45

Visitors to "Thukhor Social
Club" for Senior Citizens

Hamdan Foundation
Organizes
"FabLab" Winter Camp



January 2024

Issue 153



Cover Story

AIT Akhbar
amayoz

Monthly Educational Magazine

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Al Hashimi

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Translation

Mohammed Ahmed

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Technical Supervision

Maher Mohammed



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A leading foundation in promoting excellence

Mission

To develop and apply pioneering programs and awards to empower medical and educational excellence and sponsor talents



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Issue and Correspondence:

Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences

Headquarters - Dubai - United Arab Emirates, Telephone: 5013333 - Fax: 5013300
E-mail: info@ha.ae

www.ha.ae

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World Giftedness Center Awards Accredited

40 Winners in Local Competitions of Hamdan Foundation's 26th Cycle

Appreciating Sheikh Rashid bin Hamdan's efforts for supporting and advancing the Foundation's projects to success



Humaid Al Qatami:

- Educational award results reflect strength of partnership in our quest to achieve desired goals
- The Foundation's belief in education propels us to continue working towards enhancing public awareness and creating promising opportunities to improve performance
- Arbitration was characterized by integrity, neutrality, objectivity, and adherence to highest international standards

Dubai - 'Akhbar Al Tamayoz'

The Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences revealed the results of the 26th cycle of its local awards competitions. These include the categories of distinguished students (academic and non-academic), university students (academic), teachers, and educators. The Foundation also announced the accreditation of the results of the World Giftedness Center Awards, which include the Applied Research Global Award of Gifted Education and the School Global Award Initiative of Gifted Education.

The number of participants in the local awards reached 198, with a total of 40 winners. 6 countries from different regions participated with 6 research projects in the School Global Award Initiative of Gifted Education.

As for the School Global Award for Gifted Education, 9 countries participated, presenting a total of 14 initiatives. 2 initiatives from the Kingdom of Saudi Arabia and the United States of America were the winning ones.

Remarkable Success

In his speech on the occasion of accrediting the results of the local awards and the World Giftedness Center Award, His Excellency Humaid

Al Qatami, Chairman of the Board of Trustees of the Foundation, stated, "The Foundation, in collaboration with a distinguished panel of judges, has successfully conducted the arbitration process for both the local and global awards at the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences. The process was characterized by integrity, neutrality, objectivity, and adherence to the highest international standards. The results of this cycle were crowned with remarkable success, benefiting from the generous support that the Foundation has received from His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, by issuing the law establishing the Foundation, and the generous support of His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai and Chairman of the Executive Council of Dubai, and the leadership of Sheikh Rashid bin Hamdan Al Maktoum, the Supreme President of the Foundation. The educational award results this year reflect the strength of our partnership in our quest to achieve the desired goals of these awards. What started as an initiative by the late Sheikh Hamdan bin Rashid Al Maktoum in 1998 has evolved into a

program with significant momentum in empowering the educational quality process, transforming the educational performance pattern, and achieving knowledge and scientific excellence."

Promising Opportunities

His Excellency Al Qatami added, "The belief of the Foundation in education as a key pillar of development and excellence propels us to continue working towards enhancing public awareness and creating promising opportunities to improve educational performance. We invest in the exceptional care provided by the wise leadership to this sector. As we continue the journey of excellence with our partners, we are proud of the response of participants in this cycle, totaling 40 winners out of 198 participants who succeeded at the local awards level. The Applied Research Global Award of Gifted Education received applications from 6 countries, while 2 out of 14 initiatives were granted the School Global Award for Gifted Education."

His Excellency expressed his gratitude to Sheikh Rashid bin Hamdan Al Maktoum for his efforts in supporting and advancing the Foundation's projects to success. He also conveyed his thanks and appreciation to the members of the Board of Trustees of the Foundation and the Central Arbitration Committee



for their sincere efforts and outstanding performance. His Excellency extended heartfelt congratulations to all the winners of the Hamdan Awards, wishing them continued progress and excellence. He also wished better luck to the participants who did not succeed in the upcoming cycles. His Excellency expressed thanks to partners, whether individuals, institutions, or organizations, locally, regionally, and internationally, acknowledging and appreciating their dedicated support for the journey of excellence.

Qualitative Leap

Dr. Khalifa Al Suwaidi, the Secretary-General and CEO of the Foundation, stated, "We are pleased to announce the accreditation of the results of the local awards competitions for the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences. This cycle witnessed a qualitative leap in participation, confirming the maturity of awareness in the educational field and the interaction of the targeted individuals with the developments in the award criteria."

He added that "this response, as we have been accustomed to from participants over the past years spanning more than a quarter of a century, ensures that the Foundation receives valuable contributions in its

Khalifa Al Suwaidi:

- This cycle witnessed qualitative leap, confirming maturity of awareness and interaction with developments in awarding criteria
- Hamdan Foundation and its strategic partners continue to exert efforts and contribute to enhancing education

various awards. This has contributed to driving the educational process and the journey of excellence and quality across all elements of the educational system, including students, teachers, academics, and educational institutions."

Dr. Al Suwaidi added, "The Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences continues, in collaboration with its strategic partners, to exert efforts and contribute to enhancing and developing the educational process.

This aligns with the UAE's policies aimed at supporting excellence and distinguished individuals, highlighting their contributions, and encouraging innovation and creativity in the educational sector across all its institutions. This is achieved through the Foundation's initiatives and awards, which witness continuous development, whether by upgrading the arbitration system and evaluating contributions or by introducing and adding new categories. As a result, the Foundation has secured its leading position among global awards in the education sector."

Educational Environment

The World Giftedness Center Awards were launched simultaneously with the inauguration of the World Giftedness Center in October 2021 during Expo Dubai 2020. The awards aim to support ongoing efforts to create a better educational environment for the gifted worldwide and leverage global expertise and best practices in this field for wider dissemination.

Arbitration for these awards is carried out by an international jury that includes world-class experts in these fields. The awards target Ph.D. researchers in the field of raising and caring for the gifted as well as school educators who have special initiatives and projects in raising and caring for the gifted.



**5 Prizes for Qatar, 4 for Oman,
3 for the UAE, and 1 for Bahrain**

Celebrating Conclusion of 3rd Edition of Future Science Challenge Competition

Dubai - 'Akhbar Al Tamayoz'

The Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences organized a virtual ceremony to honor the winning teams in the third edition of the Future Science Challenge (FSC) competition. The event was hosted by the Hamdan bin Rashid Al Maktoum Center for Giftedness and Innovation, under the theme "Towards More Sustainable Future."

In the competition, Qatar achieved the highest score with 5 awards, followed by Oman with 4, then the UAE with 3, and finally Bahrain with only 1.

The FSC competition attracted 535 students within 216 teams. The Emirates Schools Establishment participated with 118 teams, the Emirates Science Club with 3 teams, and the Hamdan Center for Giftedness and Innovation with 2 teams. The Ministry of Education in Bahrain participated with 34 teams, while the Ministry of Education and Higher Education in Qatar had 34 teams, and the Ministry of Education in Oman had 21 teams. Additionally, there were four teams from the Sabah Al Ahmad Center for Giftedness and Creativity (SACGC) in Kuwait.

The third edition of the FSC was held under the theme "Towards More Sustainable Future," focusing on the areas of homes, water conservation, and shopping. This theme aligns with the vision of the UAE, the UAE's Net Zero 2050 Strategy, the declaration of 2023 as the Year of Sustainability, and other initiatives in this field.

The winners in the award categories



- **535** students in 216 teams from the GCC participated in the FSC

- **Dr. Khalifa Al Suwaidi: The competitions of Hamdan Foundation contribute to discovering talented students and supporting them to launch their creative journey**

were announced, including the Junior category for talented students aged 10 to 13 years and the Senior category for gifted students aged 14 to 17 years. Applications were received from various Gulf Cooperation Council countries. An esteemed judging panel, comprised of distinguished specialists, educators, and experts in the fields of robotics and programming, evaluated the submitted works.

Senior Category

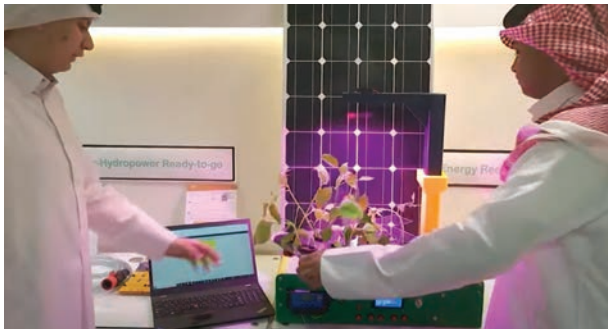
In the Senior category, the AquaCare team from Qatar won the FSC champion award. The Sustainable Home team from Qatar received the Best Designer award, while the Wireless Wonders team from the UAE won the Best Innovator award. The Qstss Innovators team from Qatar,



Seniors' Awards - Future Science Challenge Champion AquaCare team from Qatar



Juniors' Awards - Future Science Challenge Champion & Best Engineer The Inspiring Minds team from Oman



Seniors' Awards - Best Designer
The Sustainable Home team from Qatar



Seniors' Awards - Best Innovator
The Wireless Wonders team from the UAE



Seniors' Awards - Best Engineer
Qstss Innovators team from Qatar



Seniors' Awards - Best Engineer
Dhofar team from Oman



Juniors' Awards - Best Presenter
The Innovation Stars team from Qatar



Seniors' Awards - Best Presenter
OBK team from Qatar



Juniors' Awards - Best Innovator
The SNF team from the UAE

along with the Dhofar team from Oman, were recognized as the Best Engineer. The Best Presenter award went to the OBK team from Qatar.

Junior Category

In the Junior category, the Inspiring Minds team from Oman secured the FSC champion award. The SNF Team from the UAE received the Best Innovator award, while the Inspiring Minds team from Oman won the Best Engineer award. The Best Presenter award in this category went to the Innovation Stars team from Qatar. For the Judges award, the Innovative

Minds team from Bahrain, the Scientific Club 3 team from the UAE, and the Future Pioneers team from Oman were the recipients.

Talents and Skills

His Excellency Dr. Khalifa Al Suwaidi, Secretary-General and CEO of the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, congratulated the winners in all categories, wishing them all success. He also expressed gratitude to all participants and wished the best of luck to those who were not successful this time.

His Excellency stated: "The competition garnered a significant number of entries from talented students representing various GCC countries, unveiling a wealth of talents and skills. The exchange of ideas and knowledge among participants is evident in the impressive works they produce. These works are poised to refine their skills, serving as inspiration for their creative journey towards greater innovation and excellence, with the potential to make a positive impact in their communities." His Excellency added: "The competitions organized by the Hamdan bin Rashid

Al Maktoum Foundation for Medical and Educational Sciences play a pivotal role in talent discovery, providing care and support to students, enabling them to pursue their creative paths unhindered.”

Encouraging Innovation

The FSC provided a platform targeting talented and outstanding students in the field of science and technology from the GCC countries. With a primary focus on fostering innovation in the realms of science and technology, particularly emphasizing artificial intelligence and the Internet of Things. The objective was to bridge technological advancements with the social dimension, focusing on the positive impact on society by using the latest technologies. The competition sought to inspire and motivate young individuals to apply their acquired knowledge to tackling real-world challenges through engaging contests and challenges designed to stimulate their cognitive abilities.

The projects presented by students stood out for their innovative aspects and emphasis on achieving sustainability in various domains. Those projects included applying the Internet of Things and artificial intelligence technologies to address societal needs such as water conservation in homes, smart agriculture practices, and the preservation, transportation, and storage of food. The projects in this edition showcased the students' commitment to making a positive impact on society, reflecting their awareness not only of technological advancements but also their desire to enhance people's lives and contribute to the achievement of sustainable development goals.

Training Program

A high-quality training program was designed and delivered for team supervisors to assist each team in achieving their projects in the best possible way. The program spanned three days, during which supervisors were introduced to smart embedded systems, precision controllers, and how to handle input and output units. It is noteworthy that the FSC competition recently received accreditation from the leading international organization stem.org, which highlights the quality and importance of the competition in the field of science and technology.



Winning Teams: Seniors' Awards

• Future Science Challenge Champion

AquaCare team from Qatar

• Best Designer

The Sustainable Home team from Qatar

• Best Innovator

The Wireless Wonders team from the UAE

• Best Engineer

Qstss Innovators team from Qatar

Dhofar team from Oman

• Best Presenter

OBK team from Qatar

Juniors' Awards

• Future Science Challenge Champion

The Inspiring Minds team from Oman

• Best Innovator

The SNF team from the UAE

• Best Engineer

The Inspiring Minds team from Oman

• Best Presenter

The Innovation Stars team from Qatar

Judges' Awards

- The Innovative Minds team from Bahrain
- The Scientific Club 3 team from UAE
- The Future Pioneers team from Oman



Organized by Hamdan Foundation
for Medical and Educational Sciences

3 Teams Win 6th Edition of “Innovators” Competition



Competition Objectives:

- Attracting teams and individuals with innovative ideas
- Providing appropriate environment to assist and nurture innovative ideas, transforming them into projects
- Supplying resources needed for project execution through FabLab UAE

• **Khalifa Al Suwaidi:**

We aim to explore and honor innovative talents in Emirati society

- **“Aman” connects to ventilation system in houses through integrated system to eliminate suffocation risk until civil defense arrives**
- **“Smart Air-Water” project condenses air humidity and produces water suitable for plants and humans**
- **“Solar-Powered IoT” project aims to benefit from technology and solar energy at the same time**

Dubai - Dareen Mahmoud

The Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences revealed the winners' names of the sixth edition of the “Innovators” competition. The competition aims to attract teams and individuals with innovative ideas and provide the appropriate environment to assist and nurture innovative ideas, transforming them into projects, and supplying the resources needed for their execution through the FabLab UAE.

The competition received a large number of applications, and the results, as well as the names of the winners and participating teams, were announced on the Foundation's social media accounts. Ali Salem Ali bin Ghleita Al Muhairi won with his project “Aman,” while Abdullah Ahmed Mohammed Al Hammadi and Fatima Rashid Awad won for their project “Smart Air-Water.” A team consisting of Jamal Omar Beshir, Mohammed Baraa Adnan, Farzan Siddiqi, and Zain Kamal Risan won for their project, “Solar-Powered IoT.”

Significant Increase

His Excellency Dr. Khalifa Al Suwaidi, Secretary-General and CEO of the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, said, “We are pleased to announce the results of the ‘Innovators’ competition, which has witnessed a significant increase in participation from the targeted categories. Through this competition, we aim to explore innovative talents

in Emirati society, honor them, and provide support to help them turn their ideas and projects into tangible reality through FabLab UAE.”

Integrated System

Captain Ali Salem Ali bin Ghleita Al Muhairi, from the Directorate General of Civil Defense - Dubai, explained his project, the “Aman” system, saying, “The system is connected to the ventilation system in the house through an integrated system consisting of a smoke detector, a control panel, a path diversion device, a smoke suction motor, and the solar power system. The system works as a first responder that automatically activates when detecting smoke, then sends an alarm to the Civil Defense Operations Center, and directly eliminates the risk of suffocation until the arrival of the civil defense.”

Furthermore, Abdullah Ahmed Mohammed Al Hammadi, who is studying computer engineering at the UAE University, explained his “Smart Air-Water” project, which Fatima Rashid Awad participated in, and said, “The project condenses air humidity and produces water suitable for plants and humans.”

Finally, Jamal Omar Beshir, Mohammed Baraa Adnan, Farzan Siddiqi, and Zain Kamal Risan explained their “Solar-Powered IoT” project, saying, “The project benefits from both technology and solar energy, as it can monitor and detect the level of water pollution, determine whether it is acidic or basic, and detect its temperature without any human intervention.”



Elite Arbitrators Evaluated Projects Competing in 6th Edition of “Innovators”



Dubai - Dareen Mahmoud

An elite group of arbitrators evaluated the participating works of the sixth edition of the “Innovators” competition, where they assessed and selected the teams from the first stage who had the most distinguished works to get to the winning stage.

Professor Dr. Aisha Salem Al Dhaheeri, head of the Innovators arbitration committee, said, “The innovations in the implementation phase were done as per the executive plan, and all of them keep pace with the UAE’s approach to sustainability.”

Mohammed Al Shamsi, member of the arbitration committee, said, “More than 30 teams registered for this competition. 15 teams were selected in the initial arbitration stage. Actually, it was difficult to choose the teams for the final stage because many of the ideas were creative and applicable in daily life.”

Diversity of Ideas

Engineer Abdullah Al Balushi, member of the arbitration committee, explained the second phase of the sixth edition of the competition, where the presented ideas were used to achieve the

- **Aisha Al Dhaheeri: Innovations in implementation phase were done as per the executive plan**
- **Mohammed Al Shamsi: It was difficult to select winners because many of their ideas were creative and applicable**
- **Abdullah Al Balushi: Presented ideas were used to achieve the goals of the Year of Sustainability**
- **Firas Abu Sariya: We look forward to seeing more creative ideas that use technology**

goals of the Year of Sustainability. The diverse ideas included environmental conservation, using clean energy, and using technology in agriculture.

Firas Abu Sariya, member of the arbitration committee, said, “We have noticed the use of technology in implementing projects, such as the use of digital manufacturing, programming, and electronics, and we look forward to seeing more creative ideas that use cutting-edge technology.”

Educational Lab

The FabLab UAE, based at the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, was established according to the integrated national innovation strategy. It is the first comprehensive educational lab for innovation in the UAE, accredited by the international Fab Lab organization, meeting the standards and specifications of fab labs worldwide.

The lab aims to create a supportive environment for innovation by providing community centers that allow the use of the latest devices, tools, and software, as well as offering training courses in the digital manufacturing world for all segments of society.





Organized by Hamdan Foundation and Aligned with STEM Standards

Winter Program for the Gifted: Panel Discussions and Workshops to Refine Students' Skills

- **Dr. Khalifa Al Suwaidi:**
Training programs encourage talented students to excel and be creative
- **Abdul Noor Al Hashimi:**
The Foundation's team provided guidance and counseling to the participating students





Dubai - 'Akhbar Al Tamayoz'

Organized by the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, the Winter Program for the Gifted 2023 attracted students aged 10 up to 17. The program included many panel discussions, events, workshops, and activities aimed at refining students' skills in alignment with the requirements and standards of 21st century education and the global STEM approach.

The program aimed to help gifted students grow and develop, as well as enhance positive adaptation in the areas of emotions, knowledge, and professions, contributing to boosting motivation for learning and achieving success.

The program was supervised by a distinguished group of experts and specialists in the fields of technology, innovation, and education, overseeing the implementation of the program and delivering lectures and workshops.

- **Elite group of experts and specialists in technology and innovation supervised the program**
- **The program targeted students aged 10 to 17**

Innovative Journey

His Excellency Dr. Khalifa Al Suwaidi, Secretary-General and CEO of the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, said, "The Winter Program for the Gifted has been prepared to keep pace with developments and support talented students with the skills that qualify them to progress in their innovative journey, providing them with knowledge and guidance. These activities align with the Foundation's goals of enhancing creativity and innovation in society through engaging training programs held within the Foundation, providing an enjoyable environment for the gifted and innovative to encourage and motivate them to excel and be creative."

Guidance and Counseling

His Excellency Abdul Noor Al Hashimi, Deputy CEO of the Foundation, expressed his delight at the conclusion of the event and honoring the students after achieving remarkable success, as the Foundation's team provided



effective guidance and counseling to all participating students. The Winter Program included the 'Technology and Humanity' program, targeting the age group of 10 to 13 years. During this program, students used technology to understand the human body by creating projects that combined biology and technology, such as heart health, muscle activity, and assisting the visually impaired. The interactive platform (PICTOBLOX) was also used for project programming.

Renewable Energy

In the Renewable Energy Applications program targeting students aged 10 to 13, the objective was to practically apply the theoretical concept of renewable energy. Students

generated renewable energy from various sources, stored it, and then used it sustainably. They built devices or attachments powered by the renewable energy they generated, balancing the amount produced with the device's needs without causing damage. The students also visited the Mohammed bin Rashid Al Maktoum Solar Park. The BILDITIS EDU program was designed by engineers and educators from UNICEF to nurture students' curiosity and provide hands-on applications of theoretical sciences in engineering, design, money management, and contracts. The program also focused on enhancing imagination and creativity for problem-solving. By using materials and construction equipment

mimicking real-life scenarios, students engaged in a scientific and enjoyable experience, enabling them to build their dream homes by following actual engineering practices. This program also targeted students aged 10 to 13.

Enrichment Program

The winter program also included an enrichment program for the age group of 14 to 17 titled 'Scientific Talent and Personal Development,' an Arabic version of the YOUTHMAX program endorsed by the John Maxwell Leadership Foundation. It was tailored to meet the needs of talented students, enabling them to unlock their potential, discover latent abilities, and apply best practices in communication, self-leadership,



and situation management through reality-simulating sessions aligned with international standards and approved by the John Maxwell Leadership Foundation. Furthermore, participants received a Maxwell YOUTHMAX certificate.

Students from the same age group also participated in an enrichment program developed in collaboration with DP World, where a presentation about DP World and its subsidiaries was delivered. Students took a field trip to Jebel Ali Port and Rashid Port to understand the operational processes. Additionally, they visited a coral reef farm and a remote-control room to learn about services, opportunities, and development at 'P & O Marinas,' a subsidiary of DP World.



In Open Day Within Winter Program for the Gifted

45 Visitors to “Thukhor Social Club” for Senior Citizens

Dubai - ‘Akhbar Al Tamayoz’

The Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences organized an open-day activity, where students visited the “Thukhor Social Club” for senior citizens, an initiative of the Higher Committee for Development and Citizens Affairs.

The club welcomed 45 visitors from the students participating in the 2-week Winter Program for the Gifted 2023, aiming to enhance communication and social ties across different generations and

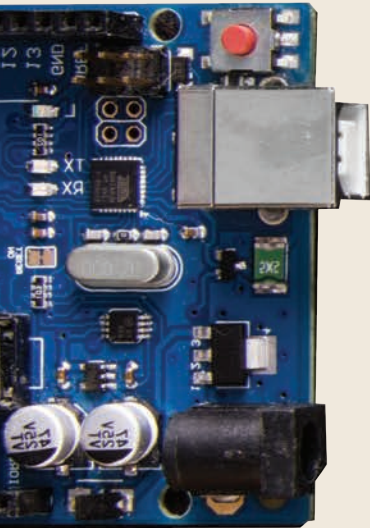
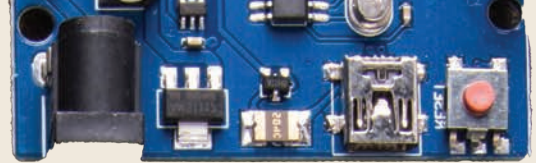
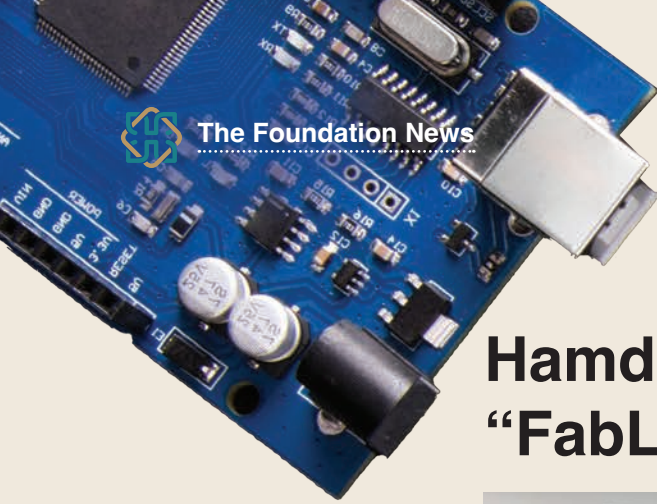
introduce young people to activities offered by the club to senior citizens. Thukhor club is committed to improving the quality of life of senior citizens and integrating them into society by providing a group of integrated services that help them keep up with life and participate in creating a better future, benefiting from their long experience and expertise.

The students participated in a panel discussion in the club’s library, which includes knowledge resources and integrated solutions for all kinds of knowledge materials.

- Stronger communication and social ties across generations and introducing young people to Thukhor activities
- The club hosted talented people and provided them with opportunities to enjoy various experiences







Hamdan Foundation Organizes “FabLab” Winter Camp



- **Topics include: create your virtual assistant using AI, industrial product design, and home security system**
- **Creating supportive infrastructure and environment for innovation, spreading a culture of innovation and digital manufacturing**

Dubai - ‘Akhbar Al Tamayoz’

The Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences organized the “FabLab Winter Camp 2023,” which reflects the vision of FabLab UAE to create an innovative Emirati generation able to manufacture. During the camp, students learned about the basics of artificial intelligence (AI), machine learning, and deep learning, which are the most prominent technology trends in the future.

The camp addressed the following topics: create your virtual assistant using AI, designing industrial products, and design home security systems. The participants were divided into 4 teams, and each one worked on problem-solving using AI.

FabLab UAE aims to create an integrated infrastructure by providing community centers

(FabLab Fabrication Laboratories), providing an innovation-supported environment, spreading the culture of innovation and digital manufacturing, and qualifying FabLab visitors in the field of digital manufacturing.

It is noteworthy that FabLab is an abbreviation of (Fabrication Laboratory). These laboratories are equipped with the latest technological devices, tools, and programs in the field of digital manufacturing to serve all segments of society.

FabLab UAE is a member of the FabLab International Foundation (Fab Foundation), an American non-profit organization affiliated with the Massachusetts Institute of Technology (MIT). It offers an international network of manufacturers, scientists, engineers, teachers, and students of different ages, operating in approximately 1000 FabLabs in more than 67 countries so far.





Honoring Winners in October 2024

Introductory Session about Role of “UNESCO-Hamdan Prize for Teacher Development” in Enhancing Educational Process Globally



Dubai - ‘Akhbar Al Tamayoz’

The Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, in cooperation with the United Nations Educational, Scientific, and Cultural Organization (UNESCO), organized an introductory session about the “UNESCO-Hamdan Prize for Teacher Development” and its role in enhancing the educational process at the global level.

The session was attended by His Excellency Dr. Khalifa Al Suwaidi, Secretary-General and CEO of the Hamdan Foundation for Medical and Educational Sciences; Borhene Chakroun, Director of Policies and Lifelong Learning Systems Division at UNESCO; Carlos Vargas, Chief of the Section for Teacher Development at UNESCO; and several officials from member states.

The session focused on the contribution of the winning projects to promoting the Sustainable Development Goals (SDGs), besides reviewing the nomination and application mechanism for the eighth edition of the prize, including an explanation of the required criteria and indicators.

The Hamdan Foundation launched

- **Highlighting winning projects’ contribution to promoting SDGs**
- **Detailed explanation on nomination and application mechanism for 8th edition of the prize**

the eighth edition of the “UNESCO-Hamdan Prize for Teacher Development” in June 2023.

The prize aims to support, encourage, and enhance teachers’ performance and effectiveness, ultimately contributing to the achievement of educational goals for all.

Moreover, it serves as a platform for sharing and promoting outstanding teaching practices on a global scale.

The \$300,000 reward is given every two years and distributed equally to three winners worldwide. It’s given to those who provide distinguished educational practices that contribute to improving the performance and effectiveness of teachers in developing countries or within marginalized or underserved communities.

Applications are accepted exclusively in English and French. Interested participants can access the prize official website to review the eligibility criteria and submit their applications. All applications will undergo a rigorous evaluation process by an esteemed international jury committee composed of prominent experts in the field. The committee will select the winners, who will be recognized during an official ceremony coinciding with World Teachers’ Day in October 2024.

Since its inception in the 2009/2010 academic year until the seventh edition in 2021/2022, the “Hamdan-UNESCO Prize for Teacher Development” has attracted the participation of 804 participants. Throughout this period, a total of 20 distinguished institutions have been recognized as winners.

For a Sustainable Talent of Students

Hamdan Center for Innovation Organizes Workshop for Parents of Gifted Students



Dubai - 'Akhbar Al Tamayoz'

The Hamdan bin Rashid Al Maktoum Center for Giftedness and Innovation, affiliated with the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, organized a virtual workshop for parents of gifted students titled "Our Children and the Sustainability of Talent."

Presented by Dr. Thabet Al Nabulsi, the workshop topics focused on the importance of investing in students' talents, effective ways to sustain talents, and the role of collaboration between parents and society.

The virtual workshop aimed to increase awareness, interaction, and communication effectively between participants to ensure utilizing the potential of gifted students and stimulating their spirit of initiation and creativity in society.

The workshop presenter holds a Ph.D. in behavior modification and a master's degree in talent and creativity. He is the founder of the Challenger Team company for leadership, launched in 1995. He also served as Secretary-General of the Ministry of Youth in Jordan from 2018 to 2019 and specializes in development and community growth.

- The workshop addressed investing in talents and the role of collaboration between parents and society
- Ensuring utilizing potential of gifted students and stimulating their spirit of initiation and creativity



Discussing Developments of 2nd Cycle Holding 1st Jury Meeting of “School Initiatives” and “Applied Research in Gifted Education” Awards

Dubai - ‘Akhbar Al Tamayoz’

The jury of the “School Global Award Initiative of Gifted Education” and the “Applied Research Global Award of Gifted Education” held their first meeting, chaired by Prof. Dr. Abdullah Aljughaiman, a faculty member in the Department of Special Education at King Faisal University in the Kingdom of Saudi Arabia.

The attendees reviewed the developments of the School Global Award Initiative of Gifted Education and the Applied Research Global Award of Gifted Education, in their second cycle, which received applications until 19 November 2023.

These awards reflect the commitment of the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences to encourage the best practices and outstanding efforts in the field of gifted education worldwide. These international awards recognize outstanding contributions in gifted education, talent development, and other related fields.

These awards in the field of talent education signify the World Giftedness Center’s commitment to recognizing and supporting groundbreaking contributions to gifted education.



Furthermore, these awards serve as a global platform, encouraging collaboration and innovation among researchers and educators worldwide. The winner will receive \$25,000 to

acknowledge their outstanding contributions to nurturing gifted students and developing talents. By fostering international collaboration, the World Giftedness Center aims to create a shared platform that helps the international community embrace talent and gifted individuals and disseminate the culture of using best practices.



Rashid bin Hamdan Sponsors a Ceremony to be Hosted at Mohammed bin Rashid Library

Honoring Winners of 2nd Excellence and Creative Engineering Award on 16 January 2024



Dubai - 'Akhbar Al Tamayoz'

The UAE Society of Engineers celebrates the winners of the second edition of the Excellence and Creative Engineering Award 2023, which is held under the patronage of Sheikh Rashid bin Hamdan bin Rashid Al Maktoum, Supreme President of the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, during a ceremony to be held at the Mohammed bin Rashid Library on 16 January 2024.

The Society had completed the arbitration of 378 applications from various government and private entities in the country, including those working in the field, in addition to a significant number of consultants, engineering service providers, industrial companies, emerging engineering companies, contractors, students, and faculty members from educational institutions and research centers, project owners, and project management companies.

Award Objectives

The award aims to highlight the best engineering practices and innovative models, achieve leadership and excellence in engineering fields, and contribute to ensuring a sustainable future.

Additionally, during the ceremony, an excellence exhibition will showcase the best projects, contributions, and distinguished engineering practices to the public and visitors.

The registration process lasted for

- **378 applications received from various government and private entities and workers in the sector**
- **Highlighting best practices and innovative models and achieving leadership in engineering fields**
- **Registration process continued for 3 months after opening application doors in July**
- **Organizing excellence exhibition for best projects, applications, and distinguished engineering practices**

three months, starting from the opening of the nomination period in late July till the closing on 31 October 2023.

International Standards

The award is based on the best international standards of excellence and innovation in the engineering sector, and it operates with complete transparency and high precision. Furthermore, the arbitration committee consisted of experts in various engineering fields managing the arbitration process, and they selected the award nominees after a deep review of the submitted files according to various criteria and standards such as impact, achieved results, innovation, scope of work, and more.

The award includes two main categories: legal personality and individual, with a total of 13 subcategories. The legal personality category includes the following awards: Pioneering Engineering Project, Best Engineering Consultancy Company, Best Engineering Services Company, Best Construction Company, Best Industrial Company / Corporation, Best Startup Engineering Company, and Best Scientific Research in Engineering Field.

The Pioneering Engineering Project Award is divided into three subcategories: Best Mega Project, Best Medium Project, and Best Small Project.

The Individual category includes the Leading Personnel Award, Outstanding Engineer Award, Outstanding Student Award, and Rising Engineer Award.



A 2-Times Winner: as University Student and as Teacher
Aisha Al Kaabi: Preparation in Advance and Documentation of Files are Key Reasons for Winning the Hamdan Foundation Award

Dubai - 'Akhbar Al Tamayoz'

A two-time awardee by the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, when she was a university student in 2016 and last year in the Distinguished Teacher category, Aisha Matar Saleh Al Kaabi stressed that the most important reasons for winning the award include: preparation in advance for the award, collecting, arranging, and documenting files according to standard; and completing the necessities before preparing the file. Furthermore, she advises applicants to be patient and not to rush to obtain the best results, as the journey of winning and excellence usually takes more than a year.



Al Kaabi holds a bachelor's degree in education, specializing in the preparation of teachers of mathematics and science, and she works at the Al Hosn School for the first and second cycles - boys.

Believing that the most important factor for winning is determination and willpower, Al Kaabi said, "Since I was a student, I participated in the competition, but I didn't win that time. I continued participating in the university stage until I won the award for the first time in 2016 in the University Student category. Later, when I became a teacher, I continued participating, but in the Distinguished Teacher category, and I won the award for the second time."

The Excellence Journey

Al Kaabi continued, "Winning the Hamdan bin Rashid Al Maktoum Foundation award changed my life for the better. After I won the award for the first time, I got several offers from the Foundation to study for a master's degree, as well as several training courses inside and outside the country. The most useful program was the 'Master of Educational Innovation—School Leadership' from the United Arab Emirates University, as a scholarship from the Foundation. This was at the beginning of my career as a teacher, at a time when I needed someone to guide me to excellence and innovation in education. I studied within the first batch of the program. At first, we were studying in Dubai, but after the coronavirus pandemic, we continued to study virtually. I graduated with distinction and 1st honor degree in 2021."

She added, "As a teacher, all my interest is focused on human power, which I divide into a student who will build the future and a teacher who will

Her best practices as teacher:

- Endearing mathematics to students, integrating it into their lives, and presenting it realistically
- Creating happiness room at school and ensuring that most happiness causes are provided to obtain best results



raise this student. Therefore, no matter how many distinguished practices I have, I consider that my best practices are endearing students to mathematics, integrating it into their lives, presenting it in a realistic way that touches their interests, and providing a supportive environment for the teacher."

Causes of Happiness

"I have created a happiness room at school, and I ensured that most possible causes of happiness are provided inside it, such as multiple sports equipment, hot and cold drinks, places for relaxation and reading, etc. I also always ask for feedback from the teachers about how to obtain the best results in this room," Al Kaabi stated.

She pointed out that winning the award requires her to support and encourage others to excel and participate in it, and she feels that she must make more efforts to excel and advance year by year.

Al Kaabi concluded, "May God have mercy upon the founder of the award, the late Sheikh Hamdan bin Rashid Al Maktoum, who was the spiritual father of pioneers and the main supporter of creativity in the educational field."