

### Rashid bin Hamdan Honors the Winners of the 3rd Edition of the “Future Science Challenge” Competition



**9** September is the Deadline  
to Accept Nominations  
for Local Educational Awards

The Hamdan Foundation  
for Medical and Educational  
Sciences Participates in UNESCO's  
Policy Dialogue Forum

Gulf Talent Council Discusses  
Enhancing the Efforts of Nurturing  
Talents and the Programs to Develop  
their Capabilities

Students from the Hamdan Center  
for Giftedness Participate  
in the Gulf Forum for Gifted  
Students in Kuwait

March 2024

Issue 155



Cover Story

**AIT Akhbar Tamayoz**

Monthly Educational Magazine

**Chief Editor**

Abdul Noor Ahmed  
Al Hashimi

**Managing Editor**

Hasan Mohammed

**Secretary Editor**

Amathil Mhd. Gheyath

**Coordinator**

Mustafa Abu Ras

**Editorial Board**

Mohammed Mazloum

Fatin Matar

Dareen Mahmoud

**Translation**

Mohammed Ahmed

**Photography**

Mohammed Subhi Halawa

**Technical Supervision**

Maher Mohammed



06



10



14

**Rashid bin Hamdan: "Mother Endowment" Reflects the Great Value of Mothers and Solidifies their Dignity and Presence in Society**

04

**Rashid bin Hamdan Honors the Winners of the 3rd Edition of the "Future Science Challenge" Competition**

06

**9 September is the Deadline to Accept Nominations for Local Educational Awards**

05

**Gulf Talent Council Discusses Enhancing the Efforts of Nurturing Talents and the Programs to Develop their Capabilities**

10

**The Hamdan Foundation and the University of Sharjah Sign an MoU to administer and adjudicate the Arab Research Award in Healthcare**

14



The Hamdan Foundation for Medical and Educational Sciences Participates in UNESCO's Policy Dialogue Forum

16

Students from the Hamdan Center for Giftedness Participate in the Gulf Forum for Gifted Students in Kuwait

18

The Hamdan Foundation Organizes Activities and Events to Enhance Creative Thinking and Innovation Trends in Educational and Medical Fields

20

Commencing the School Evaluation Phase for the Global "EFQM-Hamdan Education Model"

22

Hamdan Giftedness Test Assessments Conducted for 7,800 Public School Students

24



### Vision

A pioneering foundation fostering excellence

### Mission

Designing and implementing distinguished awards and programs that empower achievements in medicine and education, while nurturing the giftedness of individuals




### 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](mailto:info@ha.ae)

[www.ha.ae](http://www.ha.ae)

 [foundationhbr](https://twitter.com/foundationhbr)

 [foundationhbr](https://www.facebook.com/foundationhbr)

 [foundationhbr](https://www.instagram.com/foundationhbr)

 [hamdanaward](https://www.youtube.com/channel/UC...)



Commended the initiative launched by His Highness Sheikh Mohammed bin Rashid

## Rashid bin Hamdan: “Mother Endowment” Reflects the Great Value of Mothers and Solidifies their Dignity and Presence in Society

- Supreme President of the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences:
- The Foundation believes that building distinguished nations begins with distinguished mothers, teachers, and schools
- This initiative carries enlightened thinking, significant interest, and support for global education, affirming the continued contribution of the UAE in pushing UN efforts to spread and improve education



### Dubai - ‘Akhbar Al Tamayoz’

Sheikh Rashid bin Hamdan Al Maktoum, Supreme President of the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, commended the “Mother Endowment” initiative launched by His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE, Ruler of Dubai, with a value of one billion dirhams. The initiative coincides with the blessed month of Ramadan to honor mothers and invest in their appreciation by establishing schools around the world to provide quality education for millions of individuals deprived of learning opportunities, along with fostering their future and improving living conditions in remote communities.

Sheikh Rashid stated, “The titling of the initiative as ‘Mother Endowment’ reflects the great value of mothers, solidifying their worth, dignity, and the importance of their presence in the conscience of society. It highlights their role and sacrifices in human development and their significant efforts in the process of upbringing and knowledge transfer from generation to generation. This constitutes a fundamental role in human development



and the construction of resilient and worthy societies”. He added that this initiative carries enlightened thinking, significant interest, and support for global education, affirming the continued active contribution of the UAE in pushing UN efforts to spread and improve education worldwide.

### Distinguished Practices

He also highlighted the support and empowerment provided by His Highness Sheikh Mohammed bin Rashid Al Maktoum to the Hamdan bin Rashid Al Maktoum Foundation due to its specialization in targeting educational and medical excellence, nurturing talented individuals, enhancing educational performance, and disseminating distinguished global educational practices.

He further emphasized that the Foundation’s belief remains steadfast that building distinguished nations begins with distinguished mothers, teachers, and schools, along with other elements of the educational system. The Foundation will continue to fulfill its noble educational mission as intended by its founder, the late Sheikh Hamdan bin Rashid Al Maktoum, may God rest his soul in peace.

Commenced on 4 March 2024 under the slogan “Excellence Race Needs the Excellent”

## 9 September is the Deadline to Accept Nominations for Local Educational Awards

### Dubai - ‘Akhbar Al Tamayoz’

The Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences announced the commencement of the 2024-2025 cycle of its educational awards at the local level, along with the opening of nominations through its website.

The Foundation accepts submitting applications to the cycle, whose slogan is decided to be ‘Excellence Race Needs the Excellent’, from 4 March 2024 until 9 September 2024.

Through the Foundation’s website, all information regarding application requirements is available. The submitted projects will be subject to a comprehensive evaluation by judging panels carefully selected for their high qualifications and cumulative expertise in the fields of judging and assessment. The judging panels will ensure applying the highest international standards, which have seen significant development and modification to keep pace with the rapid advancements in science and technology.

### **Development and Advancement**

His Excellency Humaid Al Qatami, Chairman of the Board of Trustees of the Foundation, stated, “We are proud to launch the new cycle of the Foundation’s awards under the slogan inspired by His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE, Ruler of Dubai, ‘Excellence Race Needs the Excellent’. This motto underscores the importance of excellence and innovation in development and advancement, especially in the education sector, which serves as the foundation for societal excellence”.

His Excellency added that by launching this suite of awards, the Hamdan Foundation continues to create opportunities for discovering the talented, encouraging the innovative and creative, and supporting them with all the necessary knowledge and skills, ensuring their continued excellence in the future. His Excellency anticipated increased

### **Humaid Al Qatami:**

- The Hamdan Foundation continues to create opportunities for discovering the talented and supporting the innovative
- More engagement is expected as a result of the awareness campaigns conducted by the Foundation in collaboration with its partners

### **Khalifa Al Suwaidi:**

- The Foundation aims to honor the outstanding segments and invites the targeted groups to nominate themselves and submit their applications



participation this year, expecting the awards to attract more interest and engagement from the targeted audience in the educational and medical sectors, as a result of the awareness campaigns conducted by the Foundation in collaboration with its partner institutions.

### **Honoring the Outstanding**

On his part, His Excellency Dr. Khalifa Al Suwaidi, Secretary-General and CEO of the Foundation, stated, “we are delighted to announce the commencement of nomination for the local awards presented by the Hamdan Foundation for Medical and Education Sciences for the 2024-2025 Cycle. Through these awards, we aim to honor outstanding students, educators, and institutions. Since the inception of these awards, the Foundation has dedicated itself to their development, introducing new categories, and making qualitative adjustments to keep pace with scientific and technological advancements, as well as enhancing the evaluation tools. We invite the targeted groups to seize this opportunity, nominate themselves for the award, and submit their applications to compete for it”.

Dr. Al Suwaidi added that the local awards of the Foundation include the Distinguished Student Award, Distinguished University Student Award, Distinguished Teacher Award, Distinguished Educator Award, Distinguished School Award, and Education Supporting Institutions Award. It is worth mentioning that the previous cycle of the local awards witnessed significant participation, with 198 participants and 40 winners.





Organized by the Hamdan Center for Giftedness under the theme “Towards a More Sustainable Future”

## Rashid bin Hamdan Honors the Winners of the 3rd Edition of the “Future Science Challenge” Competition



- **Abdulrahman Al-Asmi:** The competition reflects the keenness of the Gulf Cooperation Council countries to stimulate innovation and creativity



- **Khalifa Al Suwaidi:** The Hamdan Foundation is committed to developing its initiatives and launching awards in technology fields

### Dubai - ‘Akhbar Al Tamayoz’

Sheikh Rashid bin Hamdan Al Maktoum, Supreme President of the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, honored the winners of the Future Science Challenge competition in its third edition, themed “Towards a More Sustainable Future” and organized by the Hamdan bin Rashid Al Maktoum Center for Giftedness and Innovation.



The honoring ceremony was held at “Majlis Zaabeel” and attended by His Excellency Dr. Abdulrahman bin Mohammed Al-Asmi, Director-General of the Arab Bureau of Education for the Gulf States; His Excellency Humaid Mohammed Al Qatami, Chairman of the Board of Trustees of the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences; His Excellency Dr. Khalifa Al Suwaidi, Secretary-General and CEO of the Hamdan Foundation; Dr. Eesa Mohammed Al Bastaki, President of the University of Dubai; senior officials from educational bodies and institutions; and several student delegations and officials from the Gulf countries.

### Brilliance and Excellence

His Excellency Dr. Abdulrahman bin Mohammed Al-Asmi said, “The competition reflects the keenness of the Gulf Cooperation Council countries and their wise leadership to stimulate innovation and creativity among our young generations, and to recognize their brilliance and excellence in scientific fields at an early stage”.

His Excellency Dr. Khalifa Al Suwaidi said, “It is a great honor for us at the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences to honor the winners of the Future Science Challenge competition, themed ‘Towards a More Sustainable Future’. This aligns with the vision of the UAE and its Net Zero 2050 strategy, as well as the declaration of 2023 as the Year of Sustainability. Through this, we aim to provide opportunities for talented individuals from the Gulf Cooperation

Council countries to participate and unleash their talents, showcasing their innovative projects in the fields of technology and science”.

He pointed out that the Hamdan Foundation is committed to developing its initiatives to keep pace with changes across all levels, by launching competitions and awards in the technological fields, which have become the cornerstone for all other sectors. He also extended his gratitude to Sheikh Rashid bin Hamdan Al Maktoum, Supreme President of the Foundation, for his generous patronage of the Foundation’s events and initiatives.

His Excellency congratulated the winners, wishing them further success and excellence. He also expressed sincere gratitude to the judging committee for their diligent work in evaluating the entries and for their valuable contribution to the success of the “Future Science Challenge” competition and the achievement of its objectives.

### The Winners

The winners were honored and awarded prizes, with the team “Sustainable Home” from Qatar winning the Best Designer award. This team transformed the concept of modern aeroponic agriculture into reality, using advanced technologies such as smart internet and smart control.

The “SNF Team” from the UAE won the Best Innovator award in the Juniors category. This team created a project called “Smart Kitchen”. This project reflects a modern vision of smart consumption and a shift towards a

- The projects were distinguished by innovative ideas and advanced methods that reflect talented students’ skills and abilities





healthy and sustainable lifestyle. In the Seniors category, the “Wireless Wonders” team from the UAE won the Best Innovator award. The project sustainably addresses water leak issues using technology based on an early detection system.

### Juniors Category

As for the champions of the Future Science Challenge and the Best Engineer award in the Juniors category for this edition, it was won by the “Inspiring Minds” team from the Sultanate of Oman. This team created a smart refrigerator that integrates with an electronic platform to facilitate communication, record available food items, and send notifications. The project utilizes Internet of Things (IoT) technology and relies on advanced controllers and techniques such as digital fingerprinting, with the possibility of introducing artificial intelligence (AI) to enhance its sustainable service in providing food to the needy.

The “QSTSS Innovators” team from Qatar won the Best Engineer award for the Seniors category. They presented an innovative solution to enhance agriculture through a robot that relies on AI and IoT technologies to improve crop quality and increase agricultural sector efficiency. The “Dhofar” team from the Sultanate of

### Innovative Ideas

The organizers of the competition stated that the projects submitted to the Future Science Challenge competition were characterized by innovative ideas and advanced methods that reflect the remarkable skills and abilities of talented students in the Gulf countries. Through these projects, they were able to acquire additional skills and broaden their horizons.

Oman also won the Best Engineer award for the Seniors category. This team presented an innovative solution for monitoring the freshness of vegetables and fruits for consumption at home or in storehouses, thereby contributing to environmental, economic, and health sustainability.

The “Innovation Stars” team from Qatar won the Best Presenter award in the Juniors category. This team designed a “Smart Alert System” using IoT technology and smart sensors for disaster management.

The Best Presenter award in the Seniors category went to the “OBK” team from Qatar, who presented an innovative solution through a distinctive presentation of a smart device that serves as a personal assistant for plant care. This device features remarkable technology that simulates the capabilities of an agricultural engineer, providing more information and detailed guidance for successful plant cultivation.

The champion of the Future Science Challenge for the third edition in 2023 in the Seniors category was the “Aqua Care” team from Qatar. The team excelled and demonstrated innovation in all competition criteria, including design capability, innovative thinking, programming skills, technology and electronics, presentation and communication skills, and sustainability.







Convened at its HQ at the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences

## Gulf Talent Council Discusses Enhancing the Efforts of Nurturing Talents and the Programs to Develop their Capabilities

- Opening the new HQ of “FabLab UAE” at the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences
- Several students and innovators showcased their inventions that were accomplished at the Hamdan bin Rashid Al Maktoum Center for Giftedness and Innovation

### Dubai - ‘Akhbar Al Tamayoz’

The Gulf Talent Council discussed methods of cooperation and coordination among the member states of the Arab Bureau of Education for the Gulf States. During a meeting held at its headquarters at the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences in Dubai, the council touched on ways to enhance the efforts of discovering and nurturing talented individuals. The meeting also underscored the programs and projects aimed at developing the members’ capabilities and monitoring achievements, as well as the opportunities and how to grasp and benefit from them in supporting the educational sector in the council’s countries.





**Khalifa Al Suwaidi:**

- Hosting the Gulf Talent Council’s meeting is part of our efforts to enhance joint Gulf cooperation efforts
- FabLab UAE provides the tools and knowledge necessary to promote a culture of invention and digital manufacturing



The meeting was attended by His Excellency Dr. Abdulrahman bin Mohammed Al-Asmi, Director-General of the Arab Bureau of Education for the Gulf States; Dr. Mohammed bin Ibrahim Al Mualla, Undersecretary of the UAE Ministry of Education for Academic Affairs; Dr. Moza Saeed Al-Khateri, Head of the Gifted and Talented Care Team; His Excellency Dr. Saad bin Awad Al-Harbi, Undersecretary for Programs at the Ministry of Education at the Kingdom of Saudi Arabia; Dr. Abdullah bin Falah Al-Sahmah, Senior Advisor at the Arab Bureau of Education; Dr. Thuraya bint Hamad bin Hilal Al Rashidiyah, Director General of Special Education and Continuing Education in the Sultanate of Oman; Mona Salem Awad, General ICT

Supervisor for Computers in Kuwait; Haya Mohammed Al Kaabi, Head of the Special Education and Gifted Students Department in Qatar; and Shaima Ali Saeed Al Hakour, Head of the Gifted Student Center in the Kingdom of Bahrain. The Gulf Talent Council witnessed the opening of the digital manufacturing lab “FabLab UAE” at the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, in the presence of His Excellency Humaid Al Qatami, Chairman of the Board of Trustees of the Foundation, and many officials. They inspected the lab’s sections and the services provided in the field of digital manufacturing, especially the activities targeted towards the educational sector. Additionally,



several students and innovators presented their inventions that were accomplished at the Hamdan bin Rashid Al Maktoum Center for Giftedness and Innovation.

### Unified Efforts

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 today to host the meeting of the Gulf Talent Council at our headquarters at the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences. This comes as part of our efforts to enhance joint Gulf cooperation and unify efforts with various relevant entities in the Gulf Cooperation Council to serve the education sector and focus on nurturing talented individuals, sharing experiences, successful practices, and expertise." He added that these efforts, undertaken under the umbrella of the Arab Bureau of Education for the Gulf States, aim to crystallize an effective framework of cooperation and coordination in the field of nurturing talent, contributing to supporting common goals in meeting the requirements of educational development, and keeping pace with global changes. It also enhances the knowledge community and elevates the tools and methods used in the education sector.

### Significant Step

On the occasion of the opening of the FabLab, His Excellency Dr. Al Suwaidi remarked that the inauguration of the FabLab UAE at its new headquarters within the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences constitutes a significant step aimed at enhancing the efficiency of the services provided by the Foundation to the community, the education sector, and talented individuals in the field of digital manufacturing. He explained that the FabLab UAE provides the tools and knowledge necessary to promote a culture of invention and digital manufacturing using modern digital manufacturing techniques. Additionally, it contributes to providing an integrated environment for the talented and innovative, offering them all the necessary resources and enhancing their creative and innovative capacities.









## The Hamdan Foundation and the University of Sharjah Sign an MoU to administer and adjudicate the Arab Research Award in Healthcare

### Dubai - 'Akhbar Al Tamayoz'

The Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences and the University of Sharjah have entered into a joint memorandum of understanding (MoU) pertaining to the administration and adjudication of the Arab Research Award in Healthcare and to bolster and facilitate collaborative efforts in medical research and scholarly publications.

The MoU was signed by His Excellency Dr. Khalifa Al Suwaidi, Secretary-General and CEO of the Hamdan Foundation; and His Excellency Prof. Dr. Hamid Majul Al Nuaimi, Chancellor of the University of Sharjah.

The terms of the agreement emphasized the importance of encouraging distinguished researchers in the healthcare sector across the Arab world. It aims to recognize their work and outstanding achievements, provide appropriate recognition for leading scientific activities at the regional level, foster an academic environment conducive to sharing successful experiences among Arab countries, build professional and academic capacities for youth in the medical sector, enrich experiences, and enhance cooperation among professionals in the educational field across the Arab world.

The signing ceremony was attended by Professor Dr. Mamar Battayeb, Vice President for Research and Graduate Studies; Professor Dr. Rabih Halwani, Director of the Research Institute for Medical and Health Sciences; and from the Hamdan bin Rashid Foundation, Dr. Salama Al Muhairi, Director of Medical Excellence Management; Khulood Ahli, Head of Medical Awards Department; and Dr. Sherine Hamada, Awards Senior Consultant.

### The MoU Terms:

- Encourage distinguished researchers in the healthcare sector across the Arab world
- Recognize researchers' work and outstanding achievements
- Provide appropriate recognition for leading scientific activities regionally
- Foster an academic environment conducive to sharing successful experiences among Arab countries
- Build professional and academic capacities for youth in the medical sector
- Enrich experiences and enhance cooperation among professionals in the educational field across the Arab world







Sponsored the “Status of Teachers Worldwide” report that was completed by the UNESCO team

## The Hamdan Foundation for Medical and Educational Sciences Participates in UNESCO’s Policy Dialogue Forum

### Dubai - ‘Akhbar Al Tamayoz’

The Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences participated in the 14th Policy Dialogue Forum organized by the United Nations Educational, Scientific, and Cultural Organization (UNESCO) in Johannesburg, South Africa, from 26 to 29 February 2024, under the theme “Addressing Global Teacher Shortages: Dignifying, Diversifying, and Valorizing the Profession”. His Excellency Dr. Khalifa Al Suwaidi, Secretary-General and CEO of the Foundation, said, “We are pleased to participate in the 14th Policy Dialogue Forum, based on the Foundation’s membership in UNESCO’s Teachers

Task Force, through which we aim to ensure Emirati representation in this important annual forum. We consider it an opportunity to showcase the UAE’s interest and contributions in the development of education, as well as to share knowledge and experiences with experts, stakeholders, and education enthusiasts from around the world. It is an investment in improving teachers’ performance and addressing various education-related issues and emerging challenges, including, but not limited to, the global teacher shortage affecting educational access and learning opportunities”.

### **Global Report on Teachers**

His Excellency Dr. Al Suwaidi added

that the Foundation sponsored the “Global Report on Teachers: Addressing Teacher Shortages and Transforming the Profession” project, which was completed by UNESCO’s international team, within the framework of the organization’s goals to monitor and improve teachers’ conditions globally.

He explained that the report was based on a realistic study and included important indicators for educational decision-makers worldwide regarding the challenges facing educational systems in light of declining numbers of teachers and reduced interest in this profession that is vital for human development.





**Khalifa Al Suwaidi:**

- The Foundation is keen on participating in UNESCO's Policy Dialogue Forum to ensure Emirati representation
- The forum is an opportunity to share knowledge and experiences with experts and showcase the UAE's interest in the development of education
- The "Status of Teachers Worldwide" report was based on a realistic study and included important indicators for educational decision-makers





## Organized by the Sabah Al-Ahmad Center for Giftedness and Creativity Students from the Hamdan Center for Giftedness Participate in the Gulf Forum for Gifted Students in Kuwait

**Khalifa Al Suwaidi: The forum contributes to honing the talents of gifted students and enriching their knowledge**

### Dubai - 'Akhbar Al Tamayoz'

Talented students from the Hamdan bin Rashid Al Maktoum Center for Giftedness and Innovation participated in the first Gulf Forum for Gifted Students held in Kuwait. Organized by the Sabah Al-Ahmad Center for Giftedness and Creativity, affiliated with the Kuwait Foundation for the Advancement of Sciences, the event welcomed gifted students from various Gulf Cooperation Council countries.

His Excellency Dr. Khalifa Al Suwaidi, Secretary-General and CEO of the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, emphasized the importance of these events and activities in honing the talents of gifted students, enriching their knowledge, providing them with new skills and experiences, and familiarizing them with the cultures of other communities in

- **Training program for accompanying supervisors of students focused on enhancing educational leadership**

### **The Forum Objectives**

- **Nurturing the talents of gifted students and enriching their cognitive and social experiences**
- **Sharing knowledge and successful practices, while fostering an understanding of different cultures**

the Gulf states.

His Excellency also praised the efforts of the Sabah Al-Ahmad Center for Giftedness and Creativity in Kuwait for organizing this important forum to enhance the skills and potential of gifted students in the Gulf Cooperation Council countries and provide them with knowledge to broaden their horizons.

### **The Forum Objectives**

With the aim of nurturing the talents of gifted students and enriching their cognitive and social experiences through workshops and cultural visits, the forum served as an ideal platform for sharing knowledge and successful practices, while fostering an understanding of different cultures. Additionally, the forum featured a specialized training program for accompanying supervisors of students, comprising workshops and lectures focused on enhancing educational leadership and teaching skills.

Moreover, the event offered a range





of activities and sessions, starting with a workshop on discovering passion and setting goals. Interactive workshops such as artificial intelligence and the power of speech were presented.

### Scientific Workshops

Scientific workshops covered topics like artificial intelligence, entrepreneurship, website design, and 3D modeling.

The participating students conveyed their delight at being part of the inaugural Gulf Forum for Gifted Students, expressing gratitude for the opportunity to acquire fresh insights and experiences. They emphasized the value of sharing knowledge and expertise with fellow students from across the Gulf region. Additionally, they commended the meticulous organization of the forum's events and activities by the Sabah Al-Ahmad Center for Giftedness and Creativity, attributing much of its success to their efforts.





In conjunction with Emirates Innovates 2024

## The Hamdan Foundation Organizes Activities and Events to Enhance Creative Thinking and Innovation Trends in Educational and Medical Fields

- Khalifa Al Suwaidi: The Hamdan Foundation is keen on expanding its services in innovation
- Supporting national and societal efforts towards advancing innovation and creativity in the UAE to global horizons

### Major Activities and Events:

- A specialized training program in mechanical machine manufacturing in collaboration with the University of Wollongong in Dubai
- A workshop for Dubai Government employees on AI and its applications in manufacturing innovative projects
- Many topics related to innovation and digital manufacturing, such as programming, design, and AI
- Exhibition of innovative projects aimed at disseminating the culture of innovation and manufacturing in society and attracting outstanding students



## Dubai - 'Akhbar Al Tamayoz'

The Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences marked the Emirates Innovates 2024 events by organizing a series of activities and initiatives aimed at enhancing creative thinking and innovation trends in both the educational and medical fields from 19 to 22 February 2024.

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 organization of Innovation Week activities by the Foundation coincides with the institutional events of Emirates Innovates 2024, which emphasize the necessity of enhancing national and societal efforts towards advancing innovation and creativity in the UAE to global horizons."

His Excellency added that the Hamdan Foundation is keen on expanding its services in the field of innovation, especially as it operates the first digital manufacturing lab, the FabLab UAE. This is done through organizing exhibitions, activities, and workshops for talented students and creating the appropriate environment for the success of these activities, which contribute to honing students' talents and promoting a culture of creativity and innovation in society and among government employees, pushing them towards innovation and presenting innovative ideas in various fields of their work and specialties".

### Programs and Workshops

The Secretary-General and CEO of the Foundation further explained that the activities of the Hamdan Foundation during Innovation Week included a specialized training program in mechanical machine manufacturing in collaboration with the University of Wollongong in Dubai, as well as a workshop for Dubai Government employees on artificial intelligence (AI) and its applications in manufacturing innovative projects.

He also mentioned that there are many topics related to innovation and digital manufacturing, such as programming, design, AI, and other activities offered at the FabLab UAE. The events also included an exhibition of innovative projects aimed at enriching and disseminating the culture of innovation and manufacturing in society and attracting outstanding and innovative students. It is worth mentioning that 'Emirates Innovates' is considered the largest national event celebrating innovation and innovators across the UAE. Launched in 2016 to spotlight impactful innovations, the event highlights ambitious Emirati innovators to support them by showcasing their innovations and expanding their businesses.





Implemented by the Hamdan Foundation in collaboration with the European Foundation for Quality Management

## Commencing the School Evaluation Phase for the Global “EFQM-Hamdan Education Model”

- **Khalifa Al Suwaidi:**  
An executive team composed of leading education experts participates in the second phase

- **Russell Longmuir:**  
The EFQM-Hamdan Model is a globally recognized framework that supports educational institutions and improves their performance





## Dubai - 'Akhbar Al Tamayoz'

The Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences commenced the second phase of the "EFQM-Hamdan Education Model", a global educational initiative developed in collaboration with the European Foundation for Quality Management (EFQM).

His Excellency Dr. Khalifa Al Suwaidi, Secretary-General and CEO of the Hamdan Foundation, said, "We are pleased to have accomplished the first phase of the project, which witnessed the participation of six schools in implementing the model, including five schools from the UAE and one school from Kuwait. Additionally, the certified trainer program for the "EFQM-Hamdan Education Model" was implemented, resulting in the accreditation of four UAE trainers by the Hamdan Foundation and the EFQM".

He added that the training program for schools to apply the standards of the "EFQM-Hamdan Education Model" has been completed within the specified period.

### Strengths and Improvement Opportunities

Dr. Al Suwaidi emphasized that the second phase is commencing with the participation of an executive team composed of leading experts in the education sector.

His Excellency Dr. Khalifa Al Suwaidi pointed out that the second phase includes evaluation processes and field visits conducted by both international and local assessors to measure the performance of all schools, determining their levels according to the criteria and parameters specified in the model.

He stated, "The team will commence its tasks by reviewing nomination files through the AssessBase platform belonging to the EFQM, followed by introductory sessions and field visits lasting four days. The team will conclude its work by preparing a detailed report for each school, outlining strengths and improvement opportunities".

### Improving Performance

Russell Longmuir, CEO of the EFQM, said, "By implementing the second phase of the 'EFQM-Hamdan Education Model', the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences becomes a globally recognized framework that supports educational institutions in managing transformation and improving performance. Recognizing



## 4 UAE trainers receive accreditation from the Hamdan Foundation and EFQM

### The EFQM-Hamdan Model is an innovative toolkit to enhance the quality and outcomes of education

the importance of the education sector and its significant impact on society and economic development, this distinguished educational model has been developed to meet the needs of this sector and enhance the quality of education".

The "EFQM-Hamdan Education Model" represents an innovative toolkit aimed at enhancing the quality of education and educational outcomes in both national and international schools. This is achieved through the adoption and application of the standards and parameters included in the model, which have been designed by an international team of specialists according to the best international practices.



Implemented by the Hamdan Foundation between January and March 2024

## Hamdan Giftedness Test Assessments Conducted for 7,800 Public School Students

**Khalifa Al Suwaidi:**

**Conducting the HGT assessments marks a significant stride in identifying and supporting gifted students at schools**

- The program aims to discover gifted students and nurture them according to scientific principles and methodological standards
- The HGT utilizes a range of sophisticated and standardized scientific instruments
- The test is a leading initiative launched by the Foundation as part of its efforts to support and provide care for the gifted



## Dubai - 'Akhbar Al Tamayoz'

The Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences has conducted assessments using the Hamdan Giftedness Test (HGT) at public schools during the period from January to March 2024 as part of the 'Discover Talented Students' program in collaboration with Emirates Schools Establishment. The assessments were administered to approximately 7,800 students in various emirates of the country so far. The program aims to discover gifted students and nurture them according to scientific principles and methodological standards. In the program, the HGT utilizes a range of sophisticated and standardized scientific instruments, facilitating the enhancement and cultivation of talent discovery aptitudes among educational practitioners. The HGT is one of the leading initiatives launched by the Foundation as part of its efforts to support and provide care for the gifted.

### A Significant Stride

His Excellency Dr. Khalifa Al Suwaidi, Secretary-General and CEO of the Hamdan Foundation, said, "The implementation of assessments using the HGT in public schools in collaboration with the Emirates Schools Establishment marks a significant stride in the endeavor to identify and support gifted students within these institutions. By employing specialized scientific programs, the Foundation endeavors to align with the most current and esteemed international standards and practices in the realm of gifted education".

He explained that the adoption of contemporary scientific standards aims to identify gifted individuals and offer them tailored care and support, aligning with the Foundation's vision and objectives. This approach focuses on nurturing talents, investing in them, and fostering the development of students' capabilities and aptitudes.

Dr. Al Suwaidi underscored the Foundation's efforts towards providing support and care for gifted students according to advanced scientific principles and methodological standards by identifying the type and level of talent to determine their needs and provide them with appropriate educational services and programs to prepare them to achieve their future aspirations.

The Secretary-General of the Hamdan Foundation emphasized that these institutional efforts contribute to enhancing UAE's position as a leading global hub in the fields of talent, creativity, and innovation.





## Inviting targeted parties to apply and submit their projects

# 28 August is the Deadline for Nominations for the Hamdan-ICESCO Prize for Voluntary Development of Education Facilities in the Islamic Countries

- Informational workshops will be organized in April 2024
- The judging process will begin in September 2024 through a team of international arbitrators
- Application and judging processes will be conducted via <https://tahkeem.ha.ae/login.xhtml>



### Dubai - ‘Akhbar Al Tamayoz’

The Islamic World Educational, Scientific, and Cultural Organization (ICESCO) and the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences have announced the commencement of applications for the Hamdan-ICESCO Prize for Voluntary Development of Education Facilities in Islamic Countries.

His Excellency Dr. Khalifa Al Suwaidi, Secretary-General and CEO of the Hamdan Foundation, stated, “we are delighted to announce the opening of nomination for the Hamdan-ICESCO Prize for Voluntary Development of Education Facilities in Islamic Countries for the year 2023-2024. This initiative comes within the framework of partnership and collaboration between ICESCO and the Foundation”.

He added, “Through this partnership, we aim to identify and honor initiatives and entities contributing to the development of educational facilities in Islamic Countries, in addition to encouraging voluntary organizations to contribute to the development of the education system in the Islamic World by focusing on

the development, qualification, and construction of educational facilities. This aligns with the visions and objectives of our wise leadership in the United Arab Emirates, which aim to enhance education and ensure its quality by unifying efforts and collaborating with all relevant institutions in the region and around the world to achieve our goals and provide the necessary support to advance education and expand its activities in support of academic excellence”.

His Excellency extended the invitation to all targeted entities to participate in the prize and submit their projects, wishing them success in their efforts to develop education. He also expressed his appreciation to the organizers of the prize at ICESCO and the Foundation for their continuous efforts in working towards the success of the prize and achieving its objectives.

### Informational Workshops

On her part, Marwa Sahrawi, Director of the Educational Excellence Department at the Foundation, stated that the Foundation will organize informational workshops in April 2024

for those interested in participating and in need of detailed explanations and clarifications. The deadline for submissions will be 28 August 2024. She further added that the judging process will begin in September through a team of international assessment experts, while the results are expected to be announced by the end of the year.

It is worth mentioning that the Hamdan-ICESCO Prize for Voluntary Development of Education Facilities in Islamic Countries, was launched in 2017 in collaboration with ICESCO. The prize is intended to motivate and honor those involved in voluntary initiatives and charitable work in the field of education, as well as to encourage voluntary efforts to develop new educational facilities. Additionally, it aims to enhance the educational infrastructure and facilities in the Islamic world. The prize targets charitable organizations, voluntary institutions, donors, and contributors.

Applications for nomination and the judging process will be conducted through the electronic assessment system at <https://tahkeem.ha.ae/login.xhtml>.



## 5 awards to support healthcare efforts in the UAE and Arab countries

# The Hamdan Foundation Introduces its Medical Awards Through a Workshop at Tawam



### Dubai - 'Akhbar Al Tamayoz'

Dr. Salama Al Muhairi, Acting Director of Medical Excellence at the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, delivered a workshop about the Foundation's medical awards at Tawam Hospital, Al Ain.

Dr. Al Muhairi emphasized that the Foundation's medical awards aim to support healthcare efforts in the UAE and the Arab world. Five of the Awards are tailored to foster scientific research in the medical realm, supporting the advancement of quality, excellence, and innovation in healthcare services. Additionally, one award is specifically dedicated

to promoting research in human genetics and genomics within the Arab world.

She explained that the new medical awards include two Arab awards. The "Arab Award for Research in Healthcare" This award includes a monetary prize of AED 200,000 per winning paper to be conferred upon 2 teams of researchers from the Arab world, in recognition of their exceptional achievement, specifically the publication of a substantial research paper in the field of medicine and healthcare, featured in an internationally recognized, peer-reviewed journal. The second award is 'The Arab Award in Genetics', which includes a monetary prize of AED 370,000. This award is dedicated

to acknowledging mid-career clinicians and researchers actively engaged in the realm of human genetics and genomics within the Arab world.

Dr. Salama Al Muhairi pointed out that the local awards include the 'Best Research in Healthcare Award', awarded to 3 winners, with a monetary prize of AED 100,000 per winning research. The second award is the 'Innovation in Healthcare Award', where 2 projects/initiatives are honored with a prize of AED 250,000 per winning project. The last one is 'The Hamdan Award for Distinguished Personalities', by which 2 individuals are honored with a prize of AED 200,000 per winner.