

Hamdan Foundation
and ALECSO Honor Winners of
Hamdan-ALECSO Award for
Distinguished Educational Research

Completion of Interviews for
53 Students in the Local Competitions
for Educational Awards

Sessions and Workshops
Enrich Hamdan Forum
for Giftedness
Identification and
Development



Hamdan Foundation
Marks the 53rd
Eid Al Etihad

Final Evaluation
Completed for 9
Projects in the
"Innovators 2024"
Competition

Sheikh Rashid bin Hamdan:
Quality is a Lifestyle
in the UAE and is Steadily
Growing in the GCC Region

Launching Hamdan-ALECSO Award for Arab Digital
Innovations in Education

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and is Steadily Growing in the
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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




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Extensive participation with 154 research papers from 11 countries

Hamdan Foundation and ALECSO Honor Winners of Hamdan-ALECSO Award for Distinguished Educational Research

Sheikh Rashid bin Hamdan Launches Hamdan-ALECSO Award for Arab Digital Innovations in Education



Sheikh Rashid bin Hamdan:

Education in the UAE achieved is witnessing exceptional progress under owing to the leadership's support

We work with ALECSO to enhance bilateral cooperation in serving Arab education to improve educational environments



Dubai - 'Akhbar Al Tamayoz'

Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences and the Arab League Educational, Cultural, and Scientific Organization (ALECSO) honored the winners of the Hamdan-ALECSO Award for Distinguished Educational Research. The award ceremony was held as part of the second day of the 19th Conference of Arab Ministers of Higher Education and Scientific Research, hosted in Abu Dhabi.

The winners were honored by Sheikh Rashid bin Hamdan bin Rashid Al Maktoum, Supreme Chairman of Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, alongside His Excellency Dr. Mohamed Ould Amar, Director-General of the Arab League Educational, Cultural, and Scientific Organization (ALECSO); HE Dr. Abdulrahman Abdulmannan Al Awar, the Minister of Human Resources and Emiratization—Acting Minister of Higher Education and Scientific Research in the UAE; and HE Humaid Al Qatami, Chairman of the Board of Trustees of Hamdan bin Rashid Al Maktoum Foundation.

The ceremony was attended by senior officials, including ministers of higher education, heads of organizations, and other dignitaries from across the Arab world.

The ceremony also witnessed the announcement of the Hamdan-ALECSO Award for Arab Digital Innovations in Education, a new initiative aimed at promoting and encouraging innovation and honoring innovators.

Exceptional Progress

In his speech delivered on behalf of Sheikh Rashid bin Hamdan bin Rashid Al Maktoum, HE Humaid Al Qatami welcomed the attendees and emphasized that education in the UAE has achieved exceptional progress under the leadership of His Highness Sheikh Mohamed bin Zayed Al Nahyan, President of the UAE, and His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, along with the rulers of the Emirates. HE stated, "As we honor the winners of the Hamdan-ALECSO Award for Distinguished Educational Research today, we celebrate the success of the partnership between ALECSO



Humaid Al Qatami:
Our unceasing efforts focus on upgrading educational performance and encouraging innovation



and Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences. Initiated by the late Sheikh Hamdan bin Rashid Al Maktoum, may he rest in peace, this partnership was inspired by noble values aimed at shaping Arab education systems capable of addressing intertwined cultural and social challenges, especially the rapid digital revolution, to enable Arab societies to achieve greater opportunities for excellence and sustainability”.

Bilateral Cooperation

HE continued, “Driven by this vision, we have worked with ALECSO to enhance bilateral cooperation in serving Arab education through a new project aimed at improving educational environments in line with digital advancements and encouraging creative minds and outstanding ideas. On behalf of myself and HE Dr. Mohamed Ould Amar, Director-General of ALECSO, I am pleased to announce the launch of the Hamdan-ALECSO Award for Arab Digital Innovations in Education. We firmly believe in the role of technology in advancing education and recognize that innovative minds are the foundation for building a knowledge-based society that contributes to the progress of our nation and its position among other nations”.

Concluding the speech, Sheikh Rashid bin Hamdan bin Rashid Al Maktoum congratulated the winners of the Hamdan-ALECSO Award for Distinguished Educational Research and extended his gratitude to the ALECSO team and the jury for their efforts.

Improving Education

HE Professor Mohamed Ould Amar, Director-General of ALECSO, expressed his gratitude to Sheikh Rashid bin Hamdan bin Rashid Al Maktoum for his patronage; HE Humaid Mohammed Al Qatami for his leadership; Dr. Khalifa Al Suwaidi; and the Hamdan bin Rashid Al Maktoum Foundation team for their efforts in strengthening the partnership with ALECSO. He emphasized the importance of the vision and objectives of this distinguished award, which aims to support researchers and encourage creative educators, stating that educational innovation is fundamental to adapting to technological and scientific developments, making education systems more responsive to contemporary needs.

HE congratulated the winners and all participants from Arab countries for their contributions.

Professor Mohamed Ould Amar added,



Mohamed Ould Amar: Educational awards play a crucial role in motivating researchers to be creative and innovative

“Distinguished educational research is essential to developing education, improving its outcomes, and enhancing its competitive advantage. This is evident through improving teaching and educational practices. The results of distinguished educational research, on the one hand, allow teachers to improve their performance by employing emerging and innovative teaching methods, techniques, and strategies that help adapt to learners’ tendencies and cognitive styles and respond to their individual needs. On the other hand, it contributes significantly to developing educational policies and improving educational decision-making through the objective data and scientific analyses it provides, which encompass the components of the educational system”.

HE added: “ALECSO is keen to encourage educational researchers and maximize the benefits of educational research in its work plans and activities. It recognizes research papers by publishing them in all its journals, especially in the Arab Journal of Education, which ALECSO has been publishing periodically for more than 40 years. This is further reflected in its partnerships for organizing awards and competitions with Arab entities

concerned with developing education and advancing educational scientific research, including this prestigious partnership between ALECSO and Hamdan Foundation. These awards play a crucial role in motivating researchers to be creative and innovative in education and in highlighting and valuing best practices”.

Professor Mohamed Ould Amar concluded his remarks by extending his thanks and appreciation to the staff of Hamdan Foundation for their success in organizing the 27th session. He also congratulated all the winners, participants, and the jury for their efforts in reaching the final results.

Continuous Efforts

HE Humaid Al Qatami, Chairman of the Foundation’s Board of Trustees, stated: “Today, we are pleased to celebrate another group of winners in this session of the Hamdan-ALECSO Award for Distinguished Educational Research, and we extend our congratulations to the winners and wish them continued success. In a further stage in the ongoing efforts to improve educational performance and encourage innovation, we cooperate with ALECSO through Hamdan-ALECSO Award for Arab Digital Innovations in

Education. Signing a memorandum of understanding with ALECSO on this project reflects our commitment to this initiative. This award will receive entries from various Arab countries with the aim of encouraging digital innovations and enhancing the digital field, which has become the foundation of all aspects of life”.

Winner Research Papers

This year’s award was granted to four research papers from Saudi Arabia and Egypt.

Dr. Zainab Hassan Hamid Ali Al-Salami from Ain Shams University, Egypt, was recognized for her research on “Developing a Model for Employing Generative AI in Project-Based Learning in Teacher Preparation Programs and Its Impact on Innovative Outputs and Passion”. Dr. Rahma bint Suleiman bin Hadi Thakir and Mr. Hassan bin Dhafer bin Hassan Al-Zahrani from Saudi Arabia received the award for their research on “The Impact of Employing Knowledge based trips AI-Enhanced Knowledge Quests Supported with AI Tools on Academic Achievements and Improving Attitudes Towards Mathematics Among High School Students”.

Professor Abdulaziz bin Fahd bin Ibrahim Al-Asil from King Faisal University, Saudi Arabia, was honored for his work on “An Educational Program Based on Metaverse Technology and Its Effectiveness in Enhancing Digital Future Skills and Positive Attitudes Among University Students”.

A research team from King Abdulaziz University, Saudi Arabia, including Dr. Iman bint Ali Al-Mohamadi, Ms. Malak bint Ali Al-Fahmi al-Zahrani, Ms. Bashayer bint Abdullah Al-Qarni, Dr. Iradah bint Omar Hamad, and Ms. Jwana bint Abdullah Al-Jahani, was awarded for their research on “The Use of AI Applications in Graduate Research: Prevalence and Its Relationship to Perceived Impostor Syndrome”. “Graduate students’ use of artificial intelligence applications in scientific research, the scope of its Prevalence, and its Relationship to Perceived Impostor Syndrome”.

This year, the award attracted extensive participation with 154 research papers from 11 countries. Saudi Arabia led the submissions with 103 research papers, followed by Egypt with 17, and the UAE with 16. Jordan and the Sultanate of Oman participated with five research papers each, while Morocco and Qatar contributed two research papers each. Additionally, Palestine, Bahrain, Kuwait, and Syria submitted one research paper each.



Hamdan Foundation and ALECSO Sign MoU to Stimulate and Promote Digital Innovation in Education

Dubai - ‘Akhbar Al Tamayoz’

Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences and the Arab League Educational, Cultural, and Scientific Organization (ALECSO) signed a memorandum of understanding (MoU) to launch the Hamdan-ALECSO Award for Arab Digital Innovations in Education, targeting individuals and institutions across the Arab world.

The MoU was signed during the ceremony honoring the winners of the Hamdan-ALECSO Award for Distinguished Educational Research. Hamdan-ALECSO Award for Arab Digital Innovations in Education aims

to stimulate and promote digital innovation in teaching and learning. It also seeks to provide innovative solutions through modern digital tools, such as artificial intelligence, to sustain development in the education and learning sectors. The award fosters the exchange of knowledge, ideas, and expertise in digital education. It enhances cooperation and partnerships between educational institutions and digital transformation leaders, highlighting pioneering initiatives in digital education. Furthermore, it disseminates best practices for integrating modern and emerging digital technologies that impact teaching and learning.

Sheikh Rashid bin Hamdan
in an interview during the honoring ceremony of Hamdan-
ALECSO Award's winners:

Quality

**is a Lifestyle in the UAE and is
Steadily Growing in the GCC Region**



Dubai - 'Akhbar Al Tamayoz'

Sheikh Rashid bin Hamdan Al Maktoum, Supreme Chairman of Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, emphasized that quality has become a lifestyle in the UAE and is growing steadily in the GCC region. In an interview on the sidelines of the ceremony honoring the winners of Hamdan-ALECSO Award for Distinguished Educational Research, Sheikh Rashid bin Hamdan said: "Hamdan-ALECSO Award for Digital Innovations in Education will contribute to enhancing digital innovations and addressing the local and Arab challenges facing the education sector in the Arab community. Over the past 26 years, Hamdan Foundation has contributed to providing the Arabic library with many award-winning research papers. The Foundation cooperates with 70 institutions around the world in the Global Talent Mentoring program for gifted students under the umbrella of the World Giftedness Center".

Sheikh Rashid bin Hamdan added: "We are reformulating the medical awards system so that it delves through its criteria matrix to the core of improving the quality of healthcare. We seek to enhance the Foundation's interest in medical research for its crucial role in improving and developing preventive and therapeutic services".

Here is the full text of the interview:

• **Let us begin with Hamdan-ALECSO Award for Distinguished Educational Research, whose winners were honored during the 19th Conference of Arab Ministers of Higher Education and Scientific Research in Abu Dhabi. How would you assess the performance of this award?**

Hamdan-ALECSO Award for Distinguished Educational Research is an updated version of the Applied Educational Research Award at the Arab World level, following improvements made in partnership with the Arab League Educational, Scientific, and Cultural Organization (ALECSO). In principle, research is one of the important foundations for developing the educational system as it is a pillar of sound decision-making.

If we consider quality education a core element of educational doctrine, then developing the educational system in its most precise details—such as curricula, teaching methods, developing educational environment,

We are seeking robust partnerships with well-established international institutions

The Foundation evaluated over 38,000 students and identified more than 2,200 gifted ones

We are proud of our expertise in managing joint projects aimed at gifted individuals in partnership with potential collaborators

World Giftedness Center' platform supports 135 gifted students from 26 countries, mentored by 232 experts from 34 countries

We cooperate with 70 institutions worldwide in the Talent Mentoring program under the umbrella of the World Giftedness Center

Over 26 years, Hamdan Foundation provided the Arabic library with many research papers that have won its awards

Educational system development requires sound scientific principles to build a more effective educational system that aspires to the future

Research is one of the important foundations for developing the educational system as it is a pillar of sound decision-making

supporting the teaching profession, solving educational problems, and adapting to modern developments and changes—requires sound scientific principles to build a more effective educational system that aspires to the future, avoiding obstacles with clear visions and accurate calculations.

Thanks God, over the course of 26 years, Hamdan Foundation has been able to provide the Arabic library with many research papers that have won its awards. These papers have examined and diagnosed aspects of education and produced realistic results that have significantly assisted decision-makers and those interested in improvement and development.

We continue in this direction in light of the growing response from the Arab educational community. Statistics from the recent edition of Hamdan-ALECSO Award indicated significant participation, resulting in 154 research papers qualifying for arbitration, representing 11 countries.

This interaction motivates us to move forward with more diligence and dedication. We are committed to supporting educational research, enabling it to gain prominence and earn the trust of educational decision-makers, including officials, teachers, parents, developers, and others. In addition to this award, the Foundation has contributed to conducting numerous international studies in cooperation with our global partners, such as UNESCO. One of the most notable studies is the "Global Report on Teachers", which serves as a reference addressing the global teacher shortage crisis and exploring ways to support and advance the teaching profession.

• **We carefully listened to your speech today, which included the announcement of a new award in partnership with ALECSO, the Hamdan-ALECSO Award for Digital Innovations in Education. Could you shed light on this award, its objectives, and expected impact?**

The harmony in visions that we observe in our partnership with ALECSO has led to a strong alignment in our approaches regarding joint programs, especially those that aim to bridge the gap between current educational realities and the ambitious goals we envision in the face of rapid technological development and advanced innovations.

Given the Foundation's extensive experience and professional relationships with many scientific institutions and global experts

in education, the importance of innovation in driving radical change becomes evident. This change shifts us from traditional education to interactive education that targets the creative thinking skills of key stakeholders within the educational system. Signs of this transformation include the rapid growth in the use of technology, artificial intelligence (AI), and online education, alongside the availability of support from governments and educational institutions.

From this standpoint, Hamdan-ALECSO Award for Digital Innovations in Education aims to encourage and honor digital innovations and pioneering initiatives that enhance digital learning, improve the quality of education, and provide effective and innovative digital solutions to educational challenges in the Arab world using AI technologies.

We believe this award is one of the most unique initiatives supporting the use of third-generation digital technologies in education, including AI, generative AI, the Metaverse, virtual and augmented reality, smart mobile applications, innovative sustainable websites, computer software, and IT solutions.

Consequently, the award will contribute to enhancing digital innovations and addressing local and Arab challenges in the education sector. Together with ALECSO, we hope the award will attract students, faculty, and administrative staff in universities and schools, as well as specialists in educational technologies from government institutions, companies, and individuals across the Arab world.

• The vision of Hamdan bin Rashid Al Maktoum Foundation focuses on being pioneer in excellence. Do you believe that this vision has been achieved after 26 years?

Since the launch of Hamdan bin Rashid Al Maktoum Award for Distinguished Academic Performance in 1998 by the late Sheikh Hamdan bin Rashid Al Maktoum, may his soul rest in peace, it has received all the support and care needed from His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, along with His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai, Deputy Prime Minister and Minister of Defense of the UAE, and Chairman of the Executive Council of Dubai; and His Highness Sheikh Maktoum bin Mohammed bin Rashid Al Maktoum, First Deputy Ruler of Dubai, Deputy Prime Minister and Minister of Finance of the UAE, and

We are reformulating the medical awards system and criteria matrix to improve the quality of healthcare

We seek to enhance the Foundation's interest in medical research for its role in developing preventive and therapeutic service

We are leveraging our resources to build partnerships that strengthen the UAE's role in international efforts Hamdan-ALECSO Award for Digital Innovations is unique in using digital technologies in improving education

First Deputy Chairman of the Executive Council of Dubai.

The Foundation has gone through multiple stages. Initially, it focused on establishing the educational excellence industry. Then, it worked to consolidate the concept of excellence in societal awareness by introducing methodologies and standards of educational excellence. This phase was enriched with generous support from the award's sponsor and saw the creation of local, regional, and international partnerships. The subsequent phase of development and empowerment included a significant transformation, reflecting the institutionalization of the initiative, the launch of qualitative projects, and the expansion of the scope of beneficiaries.

It is evident that quality has become a lifestyle in the UAE and is steadily growing in the GCC region. Government programs aimed at quality services, launched concurrently with the award, have created harmony between theoretical frameworks of quality education and practical applications in government services. This has created a consistent context to foster educational outcomes steeped in the philosophy of quality and driven by creative thinking to solve problems innovatively.

Thanks to these efforts, Hamdan Foundation has achieved its goals and has emerged as a leading entity attracting educators and developers. It continues to explore broader horizons through robust partnerships with well-established international institutions.

If we examine the impact of educational excellence, we see its clear contributions to improving educational outcomes, enhancing the efficiency of school institutions, and expanding the reach of educational and training programs in quality, innovation, and teacher development.

We also observe the UAE's rising competitiveness in international educational rankings and global competitions such as the scientific Olympiads, the Internet of things, and robotics. According to this strategy, the Foundation formed a notable partnership with the European Foundation for Quality Management (EFQM) and launched a global project to enhance educational performance worldwide. The EFQM-Hamdan Education Model is an evaluation and measurement program for educational quality applicable to institutions globally. This model has gained traction internationally, with many entities seeking accreditation, and it is expected

Hamdan-ALECSO Award for Digital Innovations in Education Objectives:

- Encourage and honor digital innovations and pioneering initiatives that enhance digital learning
- Provide effective and innovative digital solutions to educational challenges in the Arab world using AI technologies
- Enhance digital innovations to address local and Arab challenges in the education sector

to significantly influence educational quality enhancement over time.

• What are the most prominent of these partnerships, and how does education in the UAE benefit from them?

The Foundation's relationship with UNESCO began in 2008, supported by the late Sheikh Hamdan bin Rashid, who received the organization's highest medal of appreciation for his contributions to education. This distinguished relationship led to the launch of the UNESCO-Hamdan Prize for Teacher Development in 2010, alongside other initiatives like the UNESCO-Hamdan Fund, which supports global programs aligned with UNESCO's vision, and the renovation of the main hall at UNESCO's headquarters. This partnership builds on the strong foundations laid by the late Sheikh Zayed, may his soul rest in peace, and continues under the patronage of His Highness Sheikh Mohammed bin Zayed Al Nahyan, President of the UAE, His Highness Sheikh Mohammed bin Rashid Al Maktoum, and Their Highnesses the Rulers of the Emirates.

The Foundation's success with UNESCO in supporting distinguished teaching practices, particularly in underprivileged regions and areas lacking sufficient support, monitoring, or evaluation, has strengthened the UAE's contributions to global education efforts. Encouraged by this success, the Foundation expanded its partnerships to include the Islamic World Educational, Scientific and Cultural Organization (ICESCO) and ALECSO, launching joint awards and programs. Additionally, the Foundation collaborates with EFQM on the Hamdan Global Education Model, which provides internationally recognized accreditation for educational institutions. This initiative provides a framework for measuring the quality of educational institutions worldwide and offers an internationally recognized accreditation certificate.

The Foundation also works with 70 global institutions through the Global Talent Mentoring under the umbrella of the World Giftedness Center; and not to mention the FabLab organization which focuses on digital fabrication.

The Foundation took the initiative to establish "FabLab UAE" as the first accredited digital manufacturing laboratory. These partnerships have, of course, enriched the pool of available knowledge and expertise, creating opportunities to develop programs aimed at advancing the educational field in the country. Moreover, the

Foundation has significantly contributed to the educational development movement through the innovative models, programs, and projects it offers.

• Speaking of gifted students, to what extent does the Hamdan Foundation embrace this category? Is there a comprehensive plan to ensure their empowerment and maximize their potential?

Hamdan Foundation is not the only institution embracing gifted students, but it has adopted a national vision for identifying and supporting gifted individuals using tools tailored to the specific characteristics of Arab societies and their residents. From this perspective, we developed a specialized discovery toolkit in collaboration with prestigious German universities. This project has been successfully completed, resulting in the first Emirati-Arab discovery toolkit that is scientifically rigorous and easy to implement. Using this toolkit, the Foundation has evaluated over 38,000 students and identified more than 2,200 gifted students to date.

The Foundation provides support to many of these gifted students, engaging them in enrichment programs and activities while preparing them for international competitions. Students from Hamdan Center for Giftedness and Innovation have consistently achieved the top three positions in these competitions. However, comprehensive care for gifted students, in its scientific sense, demands resources, technical specifications, and specialized capabilities that exceed the Foundation's current capacities.

We are proud of our expertise in managing joint projects aimed at gifted individuals in partnership with potential collaborators. Additionally, we are actively expanding our services to the global gifted community—including students, teachers, researchers, parents, and educational institutions—through the World Giftedness Center. This platform supports 135 gifted students from 26 countries, taught by 232 experts from 34 countries, further demonstrating our commitment to nurturing talent worldwide.

• Let us move to the medical sector. What is the Foundation's approach to supporting this important field?

As you know, the medical sector is one of the most vital, essential, and diverse sectors. It received significant attention from the late Sheikh Hamdan bin Rashid, may his soul rest in peace, as he was the first person responsible for healthcare

in Dubai, in addition to his passion for following medical advancements globally. From this vision came his initiative to launch an award for medical sciences in 1999, aimed at recognizing achievements and encouraging further development.

Indeed, the award made a notable impact by organizing international conferences, selecting pressing topics, and honoring doctors, researchers, and health institutions that positively contribute to improving treatment services and healthcare.

Building on this remarkable legacy of achievements over two decades, we at Hamdan Foundation have redefined the awards system. Our updated matrix of criteria focuses on directly enhancing the quality of healthcare. Additionally, we have amplified the emphasis on medical research, given its crucial role in improving and advancing preventive and therapeutic services. Medical research also contributes to providing a deeper understanding of diseases and their mechanisms, paving the way for inventing innovative and effective methods for prevention and treatment.

• According to this proposal, do you intend to establish international partnerships in the medical field, similar to those in education?

The advanced position that the UAE enjoys internationally, as one of the most active countries addressing global issues and supporting international efforts across various fields, is a direct result of the wise leadership's vision, which aspires to achieve stability and prosperity for humanity. This stature presents us with significant opportunities to forge partnerships with relevant organizations and institutions to enhance cooperation and bolster international efforts to address global health challenges.

At the Hamdan Foundation, we are committed to leveraging our resources to build partnerships that strengthen the UAE's role in international efforts. These partnerships facilitate the transfer of medical knowledge and health expertise between nations, contributing to improving the efficiency of health systems and achieving sustainable development goals, particularly those related to ensuring healthy lives and promoting well-being for all.

In alignment with this approach, we are actively working on partnerships in collaboration with the relevant authorities in the UAE. We also have preliminary visions for projects through which we can contribute meaningfully to advancing global health initiatives.



Hamdan Foundation Marks the **53rd Eid Al Etihad,** Highlighting the UAE's Journey of Achievements and Leadership



Ahmed bin Humaid Al Tayer:
The achievements of our successful national journey owe their gratitude to the guidance of our wise leadership

Hamdan bin Rashid is a national and humanitarian icon whose contributions will remain etched in the nation's proud history

Humaid Al Qatami:
Hamdan Foundation continues its activities to support the UAE's journey by advancing science

Since establishment, the UAE has focused on disseminating knowledge, advancing education, and encouraging communities to value it

Dubai - 'Akhbar Al Tamayoz'

Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences celebrated the 53rd UAE Eid Al Etihad (National Day). The celebration was attended by His Excellency Humaid Mohammed Al Qatami, Chairman of the Board of Trustees of the Foundation; HE Rashid bin Fahad; HE Saeed Al Raqbani; HE Mohammed bin Dhaen Al-Hamli; HE Dr. Jamal Al Mehairi, Vice Chairman of the Foundation's Board of Trustees; HE Hussain Lootah; and members of the Board; along with officials and employees.

Pioneering Model

The event was also attended by HE Ahmed bin Humaid Al Tayer, former Minister of State for Financial Affairs and a prominent administrative, financial, and sports figure from the earlier generation who witnessed the nation's founding and development phases. During his lecture titled "The United Arab Emirates: Memories and Achievements", HE Al Tayer shared his personal accounts of the nation's founding and growth, reflecting on his time in various ministerial and administrative roles within the government and his proximity to national decision-makers.

He provided an in-depth look at the UAE's early journey and how it achieved remarkable progress in a short span, becoming a pioneering model thanks to its wise leadership and the efforts of the founding fathers, the late Sheikh Zayed bin Sultan Al Nahyan and Sheikh Rashid bin Saeed Al Maktoum, and their contemporaries.

Wisdom and Determination

HE Al Tayer highlighted numerous details of the country's critical historical phases, including the arduous tasks undertaken by the founding fathers with wisdom, patience, determination, and a clear vision. HE emphasized the ambitious plans that were successfully implemented to ensure a dignified and prosperous life for the country's citizens and residents.

HE stated, "These remarkable achievements did not come easily but were the result of overcoming significant challenges and difficulties. The wise leadership of that time managed to navigate and overcome these obstacles through strategic policies and plans encompassing all vital sectors. Today, the UAE stands as a hub for innovators, creators, and talents from around the globe, across all fields and disciplines, and has cemented its position among



the world's most advanced nations".

Exceptional Leadership

HE added, "The UAE's aspirations remain ongoing and boundless. Under the exceptional leadership of His Highness Sheikh Mohamed bin Zayed Al Nahyan, President of the UAE, and his brother His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, along with Their Highnesses the Rulers of the Emirates, the UAE has secured its place in global competitiveness across all fields. The achievements of our successful national journey owe their gratitude to the guidance of our wise leadership and the dedication of Emiratis and residents alike".

HE Al Tayer also shed light on the humanitarian and governmental contributions of the late Sheikh Hamdan bin Rashid Al Maktoum, particularly in empowering federal and local institutions under his leadership. He described the late Sheikh Hamdan as a national and humanitarian icon whose contributions will remain etched in the nation's proud history.

HE concluded by expressing his happiness to participate in the Foundation's 53rd Eid Al Etihad celebration and extended his congratulations on this significant national occasion.

Prosperity

On this occasion, His Excellency Humaid Al Qatami, Chairman of the Board of Trustees of Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, extended his heartfelt congratulations on Eid Al Etihad, wishing continued prosperity and progress for the UAE and its leadership.

HE remarked: "On this cherished occasion, we extend our warmest congratulations to His Highness Sheikh Mohamed bin Zayed Al Nahyan,

President of the UAE, and His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai. He also conveyed congratulations to Rulers of the Emirates, the Crown Princes, the Deputies of the Rulers and to Sheikh Rashid bin Hamdan Al Maktoum, Supreme Chairman of Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences and to the people and residents of the UAE on this beloved occasion".

HE Al Qatami emphasized the UAE's early dedication to advancing education, disseminating knowledge, and encouraging communities to value education as a tool to equip generations with the necessary skills to meet market demands and achieve sustainable development.

Initiatives

HE added: "In this spirit, the Foundation was established to enhance the quality of education through initiatives, awards, and programs that foster talent, innovation, and scientific research".

Al Qatami stated, "The Foundation continues its broad activities to support the UAE's journey by advancing science in various fields and aligning with global progress in knowledge. It does so by leveraging expertise, nurturing talented students and exceptional educators, and building strategic partnerships at local, regional, and international levels".

He concluded: "On the 53rd Eid Al Etihad of the United Arab Emirates, we are honored to be part of this remarkable journey. We take this opportunity to renew our unwavering commitment to our homeland and pledge to continue working diligently to realize its bright vision for the future. We wish our nation more pioneering, stability, and prosperity, and for the path of achievement and progress to persist in elevating our country and fulfilling the aspirations of its people".



Organized by Hamdan Foundation to strengthen collaboration between educational, industrial, and international partners

Sessions and Workshops Enrich Hamdan Forum for Giftedness Identification and Development

The forum reflects the vision of the late Sheikh Hamdan bin Rashid who believed in building a talented and distinguished generation capable of achieving success and innovation

Lauding the forum's role in enhancing collaboration and inspiring initiatives to support and nurture talents

Khalifa Al Suwaidi: The forum provided a platform for discussing key issues and challenges related to identifying and fostering talents, reinforcing the importance of investing in gifted individuals

Dubai - 'Akhbar Al Tamayoz'

Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences organized the Hamdan Forum for Giftedness Identification and Development at UAE University in Al Ain, themed "Interaction among Education, Industry, and International Partnerships in Giftedness Identification and Development".

The forum reflects the vision of the founder of Hamdan bin Rashid Al Maktoum Foundation, the late Sheikh Hamdan bin Rashid Al Maktoum, may his soul rest in peace, who believed in building a talented and distinguished generation capable of achieving success and innovation by providing the necessary opportunities and platforms to develop talents and invest in them effectively.

The forum sought to foster collaboration and dialogue among academics, specialists, and individuals passionate about talent discovery. It aimed to raise awareness of the importance of identifying talents, providing the necessary support to enable academic and professional success, and creating a platform for showcasing and discussing the latest academic research and studies in the field.

The event also served as an opportunity for participants to share ideas and experiences in developing new strategies for talent identification and support. It emphasized strengthening partnerships and collaboration among key stakeholders, including educational institutions, governmental entities, and the private sector, to enhance talent discovery efforts. Moreover, the forum inspired participants to craft practical and actionable plans for implementing the strategies and initiatives explored during the discussions.

Supporting Gifted Individuals

His Excellency Dr. Khalifa Al Suwaidi, Secretary-General and CEO of Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, highlighted that the forum aims to strengthen collaboration between educational, industrial, and international partners to support the development of gifted individuals. Attendees included a distinguished group of academics, experts, and students committed to nurturing talents.



Dr. Al Suwaidi emphasized that the forum provided a comprehensive platform for discussing key issues and challenges related to identifying and fostering talents, emphasizing the importance of investing in gifted individuals as a cornerstone of a prosperous future.

HE pointed out that "the forum seeks to enhance joint efforts between education and industry to support gifted individuals, build their skills, and empower them to achieve excellence across various fields. It represents an important step in shaping a new generation of leaders and innovators capable of guiding the future".

HE said, "Hamdan Foundation is committed to creating an optimal environment for developing talents and providing full support through innovative programs and initiatives focused on enhancing abilities and skills".

Sessions and Workshops

The forum featured a keynote session titled "Talent from School to University: Guiding Towards Future Readiness", delivered by Dr. Alaa El-Din Abdelhamid, Professor of Measurement, Evaluation, and Statistics at Aswan University in Egypt. A panel discussion followed, with leading specialists and academics

exchanging ideas on fostering interaction across sectors to support and nurture gifted individuals.

Additionally, the forum included specialized workshops on best practices in identifying and developing talents. Among these was a workshop titled "Challenges and Opportunities for Talent Development in the Digital Age" and another focused on the "Space Science Enrichment Program for Gifted Students". Various presentations showcased practical projects and case studies aimed at fostering innovation and creativity among youth.

Attendees praised the forum as a vital platform for enhancing cross-sector collaboration and inspiring initiatives to support and nurture gifted individuals.

Participants in the forum emphasized that identifying and nurturing talents is essential for sustained progress and development in modern societies. They highlighted the importance of supporting and caring for talented individuals as they form a critical foundation for building a prosperous future. Hamdan Forum for Giftedness Identification and Development stands as a pioneering initiative, reflecting the UAE's unwavering commitment to fostering an encouraging and supportive environment for exceptional talents.



Projects and Initiatives of Hamdan Foundation Highlighted at GESS 2024



Dubai - 'Akhbar Al Tamayoz'

Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences participated in the 2024 Global Educational Supplies & Solutions (GESS) exhibition, held at Dubai World Trade Centre and lasting for three days.

The audience explored models of projects and programs implemented by Hamdan Foundation to support excellence in medical and educational fields. The Foundation's booth showcased its international, regional, and local initiatives as well as its educational innovation experiences.

As part of the "Leaders in Education Conference" held alongside GESS, His Excellency Dr. Khalifa Al Suwaidi, Secretary-General and CEO of Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, led an insightful workshop titled "School Quality: How Do We Achieve It?". It explored comprehensive school quality standards, emphasizing the importance of integrating all aspects of the educational process. Central to the discussion was the Hamdan Model for Schools, a holistic approach that merges innovation with high standards in educational performance.

Dr. Al Suwaidi explained how the model provides an inclusive educational environment that contributes to supporting the gifted, developing teachers, and modernizing curricula. He also showcased the Foundation's pioneering initiatives, including the "Hamdan Giftedness Test", a sophisticated tool designed to identify and support gifted students through scientifically advanced methodologies, aimed at providing an ecosystem to develop their capabilities and achieve their full potential.

Master of Innovative Education

Additionally, HE Al Suwaidi highlighted the "Master of Innovative Education" program, which focuses on equipping educators with skills in innovative teaching practices and preparing them for leadership roles within educational institutions.

Launched in collaboration with UAE University, the Master of Innovative Education program is among the leading initiatives for preparing educational leaders and enabling them to use innovative methods in teaching and management, thus enhancing the quality of education in schools.

Further, HE introduced "FabLab UAE", a state-of-the-art educational lab



Khalifa Al Suwaidi: Hamdan Educational Awards contribute to advancing educational excellence across the UAE and the Gulf region

A workshop explored comprehensive school quality standards and the importance of integrating educational process aspects

Hamdan Giftedness Test is a sophisticated tool aimed at providing an ecosystem to develop students' capabilities and achieve their full potential

Highlighting the Master of Innovative Education program, which focuses on equipping educators with innovative teaching skills

Introducing FabLab UAE, a state-of-the-art educational lab dedicated to fostering innovation among students and teachers

dedicated to fostering innovation and creativity among students and teachers. It enables participants to explore the latest tools and technologies in a dynamic learning environment. HE stressed that FabLab is the first of its kind in the UAE and aims to prepare an innovative Emirati generation by providing training workshops, contributing to developing students' technical skills, and broadening their horizons.

Hamdan Educational Awards

Dr. Al Suwaidi also discussed "Hamdan Educational Awards", a hallmark of Hamdan Foundation's dedication to advancing educational excellence across the UAE and the Gulf region. These awards recognize the exceptional contributions of students, teachers, educators, schools, and supporting organizations.

Visitors expressed significant interests in the comprehensive strategies presented by Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, particularly those aimed at teacher development and fostering creativity in school environments. These initiatives are seen as having a positive impact on the overall quality of education, not only in the UAE but also regionally and globally.

GESS highlights the latest educational solutions and products, bringing together education experts from around the world to exchange ideas and innovative approaches. Over 16 years, it has established itself as a key event for education stakeholders in the Middle East. It serves as a platform to showcase cutting-edge classroom products and solutions through intensive conference programs, interactive workshops, and a prestigious awards ceremony.



Completion of Interviews for 53 Students in the Local Competitions for Educational Awards





Dubai - 'Akhbar Al Tamayoz'

Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences has completed the second phase of personal interviews for nominees in the "Distinguished Student" and "Distinguished University Student" categories at the local level for the 27th cycle of its educational awards.

A total of 53 students, who successfully met the rigorous evaluation criteria and requirements, participated in this phase of the interviews conducted by highly competent arbitration committees to ensure transparency and fairness in the evaluation process.

Comprehensive Evaluation:

The personal interviews, hosted at Zayed Educational Complex in Al Mizhar, focused on the academic abilities, personal skills, and creativity

levels of the shortlisted students. Each nominee underwent a comprehensive evaluation covering critical thinking skills, problem-solving abilities, initiative, and leadership qualities.

The students demonstrated great preparedness for the second phase, responding effectively to the judges' questions and presenting their achievements and creative ideas through well-prepared presentations. This reflected their high level of commitment and ambition.

Dr. Ali Saeed Al Kaabi, General Coordinator and Head of the Central Arbitration Committees, stated, "The Distinguished Student category aims to identify and nurture innovative talents among students, providing them with the support needed to continue their journey in the fields of innovation and creativity, achieve their aspirations, and benefit from their ideas and projects".

Ali Al Kaabi:
The Distinguished Student category aims to identify and nurture innovative talents

Personal interviews focused on the academic abilities, personal skills, and creativity levels



Results to be announced later in December

Final Evaluation Completed for 9 Projects in the “Innovators 2024” Competition

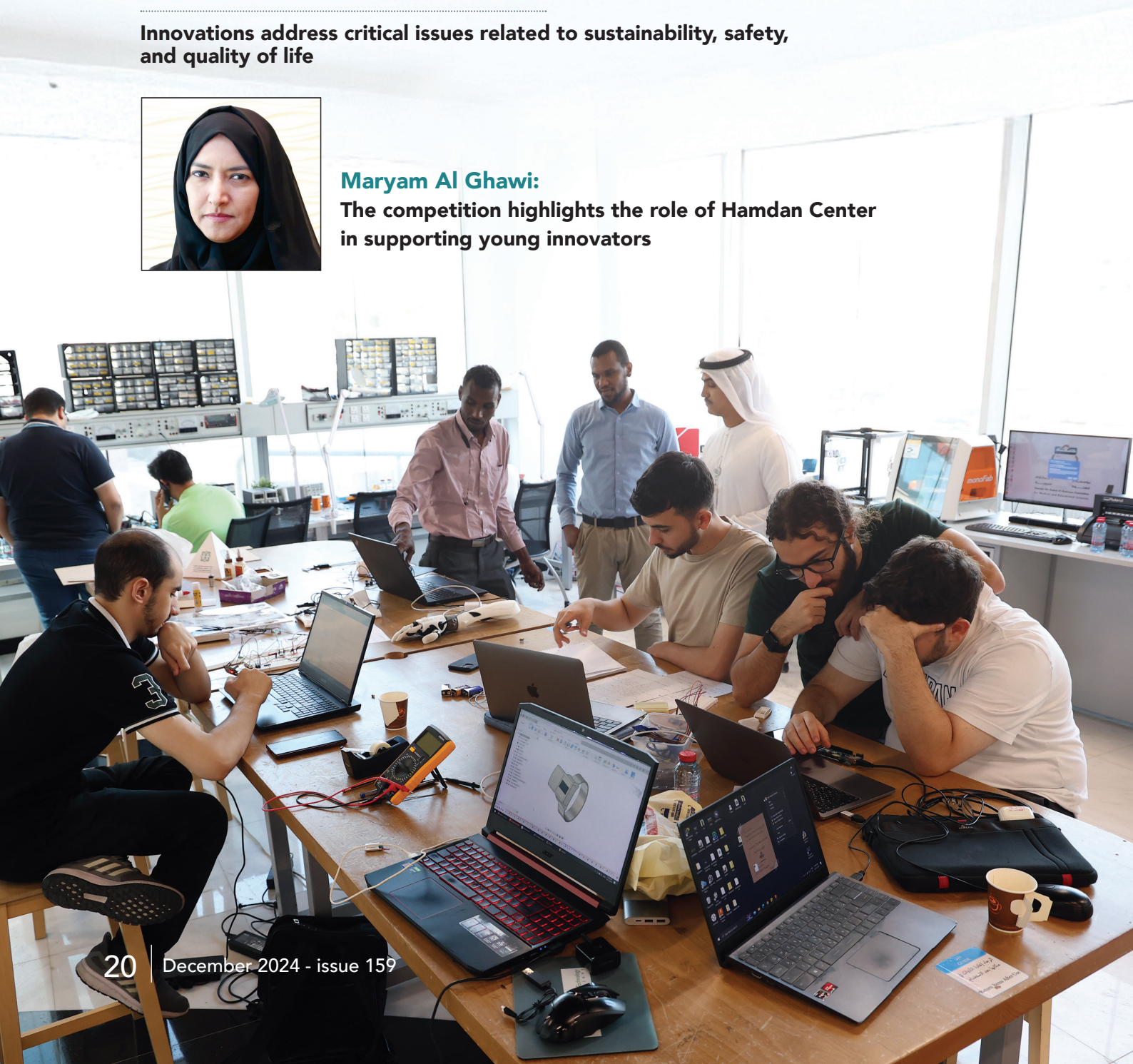
Projects evaluated based on criteria including creativity, social impact, and practical applicability

Innovations address critical issues related to sustainability, safety, and quality of life



Maryam Al Ghawi:

The competition highlights the role of Hamdan Center in supporting young innovators



Dubai - 'Akhbar Al Tamayoz'

Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences announced the completion of the final evaluation phase for projects submitted to the "Innovators 2024" competition, organized annually by FabLab UAE. The final results are set to be announced later in December 2024.

This stage marks a crucial step in selecting the winners, as projects were evaluated based on rigorous criteria, including creativity, social impact, and practical applicability.

The competition included the participation of 137 teams, out of which 45 teams met the eligibility criteria. Following the preliminary evaluation, 20 teams advanced, and nine were shortlisted for the implementation and final judging phases.

The evaluated projects included nine innovative solutions across diverse fields, such as a mind-controlled home automation system, a project to enhance groundwater sustainability, the "Falaj" water resource management system, a novel technology for cleaning solar panels using sound waves, hydroponic systems for home use, the "StressSync" device for stress management, a smart bracelet for drowning detection, a flexible and smart shading system, and the "CrossSafe" project for enhancing pedestrian safety. These projects exemplify creativity and ambition, addressing critical issues in sustainability, safety, and quality of life.

A Model of Creativity

Dr. Maryam Al Ghawi, Director of the Hamdan bin Rashid Center for Giftedness and Innovation, stated, "With the conclusion of the final evaluation process, we are one step closer to crowning the winners, who exemplify creativity and innovation in the UAE".

She emphasized that the competition highlights Hamdan Innovation Center's role in supporting young innovators by providing opportunities and resources to transform their ideas into successful projects that contribute to societal development and bolster the UAE's standing in innovation, science, and technology. Dr. Al Ghawi expressed pride in the high caliber of projects presented this year, reflecting the creativity of the youth.

The judging panel comprises a



9 innovative solutions across diverse fields:

- Mind-controlled home automation system
- Project to enhance groundwater sustainability
- "Falaj" water resource management system
- Innovative technology for cleaning solar panels using sound waves
- Hydroponic systems for home use
- "StressSync" device for stress management
- Smart bracelet for drowning detection
- Flexible and smart shading system
- "CrossSafe" project for enhancing pedestrian safety

distinguished group of experts in innovation and creativity.

Holistic Support

The organizers highlighted that the winning projects will receive holistic support, including a monetary award of AED 20,000, a certificate of appreciation recognizing their achievements, media promotion opportunities both locally and internationally, and technical assistance to turn ideas into marketable products. The competition aims to attract individuals and teams with actionable innovative ideas, encouraging creative thinking and honing their skills.

It seeks to provide an enabling environment, such as FabLab UAE, to transform exceptional ideas into tangible projects that add value to society and align with the UAE's vision for innovation and sustainable development.



Organized by Hamdan Foundation's WGC

Specialized Workshop

Recommends Continuous Assessment and Regular Curriculum Updates to Align with Gifted Students' Needs

Dubai - 'Akhbar Al Tamayoz'

The World Giftedness Center (WGC), an initiative of Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, organized a specialized workshop recommending continuous assessment and regular curriculum updates to align with the evolving needs of gifted students. The workshop also encouraged flexibility in activities and projects to enhance student engagement.

Held virtually, the workshop attracted over 200 educators and experts in gifted education from around the world.

The workshop emphasized the importance of integrating Social and Emotional Learning (SEL) as a core component to balance academic challenges with emotional support, fostering the holistic development of students. It also highlighted the role of technology and creative tools in creating a learning environment that encourages exploration and innovative expression, deepens students' understanding, and enriches their educational experiences.

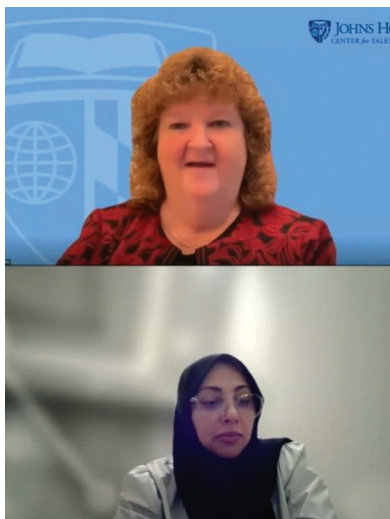
Empowering Gifted Students

Dr. Maryam Al Ghawi, Director of Hamdan Center for Giftedness and Innovation, stated: "Organizing these specialized workshops is part of the vision of the WGC, established by Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, to empower gifted students through advanced educational approaches tailored to their individual needs, supporting scientific excellence in global gifted education".

Dr. Al Ghawi emphasized that the Foundation believes adopting creative and technological strategies in educational curricula directly contributes to sustainable academic and personal growth for gifted students. She expressed her aspiration to continue working on these initiatives in collaboration with leading international experts to promote a culture of excellence and establish a global network supporting gifted education worldwide.

Adopting Strategies

The workshop, led by Dr. Kimberley Chandler, Curriculum Director at



Maryam Al Ghawi:
Adopting creative and technological strategies in educational curricula directly contributes to sustainable academic and personal growth for gifted students

Participation of over 200 educators and experts in gifted education from around the world
The workshop was presented by Kimberley Chandler, one of the world's leading experts in gifted education curriculum design

Recommendation to integrate social and emotional learning as a core element to balance academic challenges with emotional support

the Center for Talented Youth (CTY) at Johns Hopkins University and one of the world's foremost experts in gifted education curriculum design, explored several challenges gifted students face in traditional curricula. Key issues discussed, including boredom caused by a lack of intellectual challenges, which can lead to decreased motivation and increased isolation. Social and emotional challenges, such as perfectionism and difficulties connecting with peers, were also addressed, emphasizing the need for specialized strategies to support their holistic development.

Dr. Chandler shared her vision for designing customized curricula that meet gifted students' needs, allowing them to explore advanced topics and areas of personal interest. She highlighted academic acceleration as an effective tool for advancing students based on their abilities and curriculum compacting, which involves replacing traditional content with advanced, level-appropriate activities.

Skill Development

The workshop underscored the necessity of integrating SEL into gifted education. SEL helps develop self-awareness and emotional regulation, enabling students to overcome personal challenges and build healthy social relationships.

Dr. Chandler proposed strategies such as cooperative learning, which fosters teamwork and conflict resolution, and personal goal setting, which strengthens self-management skills and intrinsic motivation.

The workshop also explored the use of artificial intelligence (AI) as an innovative tool for advanced educational experiences. A model involving diagnostic labs and medical case studies was presented, where students apply critical thinking and analysis to diagnose virtual medical cases under the supervision of an AI mechanism. These activities help students develop advanced analytical skills, preparing them to tackle real-world scientific challenges. Studies indicate that integrating AI enhances student satisfaction and improves academic performance.



Continuous support for its student teams in global scientific competitions

Hamdan Foundation's Team in FIRST LEGO League Develops Innovative Solutions for Underwater Environmental Preservation



Dubai - 'Akhbar Al Tamayoz'

The student team from Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences is competing in the FIRST LEGO League by building a robot capable of performing complex tasks on the challenge table to achieve the highest possible score. The Foundation aspires to achieve notable international accomplishments, with the team developing innovative solutions to contribute to underwater environmental preservation. This year's competition theme, "Submerged", focuses on environmental challenges related to marine ecosystems. The competition comprises several stages, starting at the local level, progressing to the national level, and culminating in the global championship.

Continuous Support

Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences continues to support its student teams in the fields of science and innovation by providing training and preparation for participating in the FIRST LEGO League. This initiative reflects the Foundation's commitment to enhancing students' technical and innovative skills, empowering them to tackle scientific challenges at local, regional, and international levels. Last year, the Foundation's team achieved remarkable accomplishments in these competitions, underscoring the Foundation's global standing in scientific endeavors.

Maryam Al Ghawi: we are committed to providing all forms of support to our student teams in prestigious scientific competitions

Scientific and technological competitions are inspiring educational platforms for students, enabling them to acquire practical skills in strategic fields

Participation in competitions helps prepare a generation of innovators capable of making a positive impact in their communities

Enhancing Abilities

Dr. Maryam Al Ghawi, Director of Hamdan bin Rashid Center for Giftedness and Innovation, stated:

"We are committed to providing all forms of support to our student teams in these prestigious scientific competitions, not only to represent the country but also to enhance their innovative capabilities and inspire them to achieve

significant accomplishments".

She added that the Foundation's participation in the FIRST LEGO League is not new. Last year, Hamdan Center's team achieved a distinguished result in the 2024 Open Robotics Championship held in Norway, securing the third place in robot performance in the European Championship and the first place in the friendly competition by outperforming top teams in the semifinals and finals.

Dr. Al Ghawi explained that the team officially qualified for the international championship after winning the first place in robot design and performance at the national level, a remarkable achievement that reflects the Foundation's commitment. She expressed confidence that the teams will exhibit high levels of creativity and excellence in this year's competition, befitting this pioneering experience.

Inspiring Platforms

Scientific and technological competitions like the FIRST LEGO League serve as inspiring educational platforms for students, providing them with practical skills in strategic areas such as artificial intelligence and robotics. These events also enhance critical thinking and teamwork skills. Participation in such competitions helps prepare a generation of innovators capable of making a positive impact in their communities and developing innovative solutions to future challenges.



Organized by Hamdan Foundation, featuring global healthcare experts and specialists

A Medical Webinar Recommends Comprehensive and Advanced Screening for Early Detection of Genetic Anomalies and Potential Risks

Dubai - 'Akhbar Al Tamayoz'

A medical webinar organized by Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences on the latest advancements in antenatal care recommended encouraging comprehensive and advanced screening to detect genetic anomalies and potential risks early. It also emphasized the need to standardize procedures and medical practices based on the latest scientific evidence to improve the quality of care provided to mothers and newborns.

Held on Zoom, the webinar's recommendations highlighted the importance of investing in continuous medical education, focusing on skill development for healthcare professionals to keep pace with modern diagnostic and obstetric technologies. It also called for strengthening international collaboration between healthcare and research institutions to promote scientific research and knowledge exchange, ultimately contributing to better health outcomes for mothers and newborns worldwide. The webinar drew significant participation from healthcare experts and specialists worldwide. It showcased key advancements in antenatal care, including increased early detection rates, improved management of pregnancy complications, technological innovations in obstetric interventions, and the expansion of comprehensive prenatal screening programs. The discussions underscored the necessity of standardizing practices based on the latest scientific evidence to enhance maternal and child health outcomes.

Enhancing Knowledge

Dr. Salama Al Muhairi, Director of Medical Excellence at Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, emphasized the importance of such webinars in enhancing the knowledge of healthcare professionals and equipping them with the latest developments in diagnostics and obstetric care. She stated: "The advancement of antenatal care is a critical strategic goal in modern medicine due to its pivotal role in improving the overall health of mothers and newborns. Studies show that early diagnosis of pregnancy-related complications significantly improves delivery outcomes and reduces maternal and neonatal mortality and morbidity rates".

Education and Training

Dr. Al Muhairi highlighted the need to provide an integrated environment for obstetric care that combines modern technology with standardized medical practices to ensure the highest levels of care and prevention.

She added: "Continuous education and medical training are essential to keeping up with the rapid advancements in genetics and early detection. Advanced genetic screening now enables the early identification



Salama Al Muhairi: Medical webinars contribute to enhancing healthcare professionals' knowledge and equipping them with the latest developments

Emphasizing the importance of standardizing procedures and medical practices based on the latest scientific evidence

Highlighting the need to invest in continuous medical education and focus on developing the skills of healthcare professionals

Activating international collaboration between healthcare and research institutions to promote scientific research and knowledge exchange

of specific conditions that may affect the mother or fetus, allowing for more precise and effective interventions". She noted that these updates urge the establishment of sustainable partnerships between educational and medical sectors and the development of interactive training programs that empower healthcare professionals with the latest scientific tools and advanced diagnostic technologies.

Challenges and Opportunities

Speakers addressed several critical topics, including the challenges and opportunities in digital-era antenatal care and programs enhancing prenatal screening science. The discussions also explored ways to improve continuous training for medical professionals to bridge knowledge and practice gaps. The webinar featured prominent international speakers, including Dr. Yaser Faden, Chair of the Department of Obstetrics and Gynecology at King Saud Bin Abdulaziz University for Health Sciences, Saudi Arabia; Dr. Sara Bisari, Technical Director of Cytogenetics at the National Reference Laboratory, UAE; and Dr. Jihad Chalouhi, Co-founder of the SFERE Center and fetal surgery expert at Necker Hospital for Sick Children, Paris, France. Their participation added a global perspective, sharing diverse experiences and expertise.

The session was moderated by Prof. Shamsa Al Awar, Chair of the Department of Obstetrics and Gynecology at UAE University, who enriched the discussions and facilitated meaningful exchanges between speakers and participants.