



**Hamdan Foundation
Chosen as Headquarters
for Gulf Talent Council**

Dubai Maker Faire

Sponsors Pioneering Ideas

**Dubai Mini
Maker Faire**
26 - 28 February

**Hamdan Center
for Giftedness and
Creativity in 2018 ..**

Programs, Activities
to Promote Students

AIT Akhbar Tamayoz

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**Concluding
2nd Phase
of Adjudicating
Local Participations**

January 2019

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Tamayoz





Monthly Educational Magazine

Cover Story



OUR VISION

To be pioneers in the management of excellence in educational performance and fostering talent and Innovation

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**Hamdan Foundation
Chosen as Headquarters
for Gulf Talent Council** **04**

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Dubai Maker Faire
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**Dubai Mini
Maker Faire**

14

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Concluding
2nd Phase
of Adjudicating
Local Participations

08



**Hamdan Center for Giftedness
and Creativity in 2018 ..**

Programs, Activities
to Promote Students

16





Homeschooling .. The Conversant's Option

- The Future Design Lab is one of the most important government initiatives that foresight the future. It diagnoses the reality and offers innovative solutions in various areas of life, based on scientific standards that examine, analyze, measure, and anticipate events, developments and changes. This initiative introduces legislations that serve the investment in future sectors, within the march of achieving the UAE Vision 2021 and of the UAE Centennial 2071.
- What is particularly important here is the field of education, which witnessed the first application of distance learning through homeschooling of four children of an Emirati family -- a family that decided to teach its children at home under parental supervision. Thanks to their educational expertise, the parents were able to provide an authentic learning environment that covered the aspects of knowledge, values, and psychology. This experience received the attention and encouragement of His Highness Sheikh Mohammed bin Rashid Al Maktoum, UAE Vice President and Prime Minister, and Ruler of Dubai, who gave the utmost care to education, and provided a package of initiatives and projects for its development. That package will necessarily drive education to the spaces of quality, flexibility, diversity and sustainability.
- The sphere of this experience, according to similar ones in the developed countries, will successfully accommodate a group of families with a profound culture, very advanced skills in education, and efficient family management. They should have this opportunity because they deserve it. Having established a home-based education system that ensures its proper functioning and guarantees rights and duties, homeschooling in the UAE has become a reality, and is expected to prevail among a proportion of learners. The sources of knowledge are available to all, and the proportion of those who are conversant with education task is good in society. However, this type of education is not easy. It requires a double effort from parents to cover teaching and education duties, as well as providing psychological needs and developing social skills, etc. not to mention the human dimension in the school community. In that community, a network of human relationships is interacted, based on effective communication, which in turn creates a culture and individual behavior that is harmonious with the values and trends of the community and society, and responds well to the process of learning. Although this system contains advantages and benefits, it requires deep awareness and exceptional capabilities for those wishing to apply it, especially for the lower stages of education. Certainly, preparing the human for the future remains the most important requirement of the state and individuals; that is why the educational mission rises with the nobility of the UAE values, ambitious and visionary leadership, and infinite knowledge.

Abdul Noor Ahmed Al Hashimi
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Held its 1st Meeting, Discussed
Formation of Committees

Hamdan Foundation Chosen as Headquarters for Gulf Talent Council

Dubai - 'Akhbar Al Tamayoz'

The Gulf Talent Council held its first meeting at its permanent headquarters, hosted by the Hamdan bin Rashid Al Maktoum Foundation for Distinguished Academic Performance in Dubai, in the presence of representatives from the ministries of education in the member states of the The Arab Bureau of Education for the Gulf States.



The meeting discussed administrative procedures related to the establishment, organization of roles, and formation of special committees of the Council. It concluded by electing Abdulrahman Mohammed Al Hammadi, Undersecretary of the Ministry of Education for Supervision and Support Services, as the Chairman of the Board of Trustees of the Gulf Talent Council, and Dr. Amna Abdullah Al Shamsi, Assistant Undersecretary of Welfare and Activities, as the Chairman of Executive Committee of the Council for one year.

Members

The Council includes Eng. Abdulrahman Mohammed Al Hammadi; Dr. Amna Abdullah Al Shamsi; Dr. Hassan Obaid Al Muhairi, Assistant Undersecretary for Accreditation and Educational Services for Higher Education at the Ministry of Education; Dr. Lubna Ali Al Shamsi, Executive Director of School Operations Sector at the Ministry of Education; Dr. Mariam Ali Al

Ghawi, Director of Talented Education at the Hamdan bin Rashid Al Maktoum Foundation for Distinguished Academic Performance; Faisal Abdulla Darboul Al Shehhi, Head of Distinguished Talents Department at the Hamdan bin Rashid Al Maktoum Foundation for Distinguished Academic Performance; Khalid Mahmoud Al Saidi, Director of Education Department, Ministry of Education in Bahrain; Sulaiman bin Hamood Al Harasi, Adviser to the Minister for Studies and Research at the Ministry of Education in Oman; Dr. Abdullah Mohammed Al Suwaid, Director of Talent Management at Sabah Al Ahmad Center for Talent and Creativity in Kuwait; and Saleh bin Abdullah bin Mohammed Al Qarni, Program Officer of the Arab Bureau of Education for the Gulf States in Saudi Arabia.

Common Policies

The Gulf Talent Council was established following the initiative of the Hamdan bin Rashid Al Maktoum Founda-

tion for Distinguished Academic Performance to host the Council's headquarters under the decision of the Executive Office of the Arab Education Bureau. The aim of the Council is to develop common policies among the GCC countries to promote the sector of talent education and sponsor the gifted, to unite efforts in various fields of talent education. It also focuses on spreading knowledge and sharing experiences and programs among member states, as well as assisting in the promotion and organization of effective educational work in the field of educating and caring for talented people

Coordination

Abdulrahman Mohammed Al Hammadi said: «The first meeting focused on the process of coordination and nomination, in addition to laying down guidelines for future work and unifying efforts among member states through the exchange of talent-related expertise. We are

optimistic that future projects will reach and assist talented students at the GCC level, as we are working on unifying various programs and activities in the member states, and plan on presenting them as an integrated entity to discover and support talented gulf students by carrying out developed and sophisticated mechanisms.»

Fruitful Meeting

Dr. Amna Abdullah Al Shamsi said: «The first meeting of the Gulf Talent Council was very fruitful with the presence of all representatives of the GCC countries, who shared their experiences and expertise in the field of talent. Through this meeting, we seek to develop unified frameworks to support talent at the Gulf level. We are looking forward to benefiting from the member countries' experience, as well as introducing them to the programs and projects provided by the UAE in the field of talent. Future meetings will address the development of the operational plans of the Council.»

Gulf Talent Council

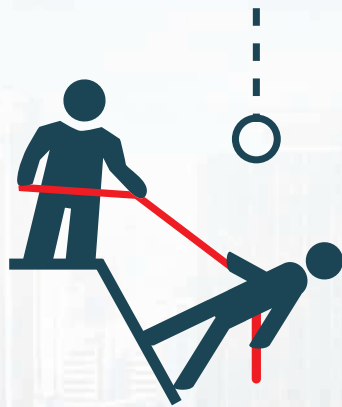
Electing
Abdulrahman Al Hammadi
as Chairman for Board
of Trustees of Gulf Talent
Council



Objectives

To assist in the promotion and organization of effective educational work in educating and caring for talented people

To spread knowledge and share experiences and programs among member states





To develop a common policy among the GCC countries to promote the sector of talent education and sponsorship

To unite efforts in various fields of talent education





Interviews With 165 Students
in 2 Days at Giftedness
and Creativity Center

Hamdan Foundation Concludes **2nd Phase** of Adjudicating Local Participations



Dubai - 'Akhbar Al Tamayoz'

The Hamdan bin Rashid Al Maktoum Foundation for Distinguished Academic Performance completed the second phase of electronic adjudication for the 21st session of its awards, where interviews were conducted with 165 students over the course of two days, at the Hamdan bin Rashid Al Maktoum Center for Giftedness and Creativity in Al Bidaa area.

Dr. Jamal Al Muhairi, Deputy Chairman of the Board of Trustees and Secretary General of the Hamdan bin Rashid Al Maktoum Foundation for Distinguished Academic Performance, said: «We are pleased to complete the second phase of the electronic adjudication process for the current session, where the adjudication committees have conducted interviews with 165 students. This process was carried out by adopting the Integrated Electronic Adjudication System in both the application and adjudication phases for the first time.» He then added «We consider this process to be a paradigm shift towards increasing the

Dr. Jamal Al Muhairi:
Electronic adjudication is a paradigm shift towards increasing quality and effectiveness



quality and effectiveness of the Foundation's system. It facilitates the process of submission for applicants to local awards, in line with the Foundation's strategies to implement smart systems in



the educational sector in general.» Dr. Al Muhairi added: «Through this pioneering program, we seek developing the Foundation's awards so that to include an inte-

grated database that ensures the accuracy of inputs and avoid losses. The System also keeps the participants involved and updated on the latest developments, procedures and adjudication processes.»

Positive Impressions

Dr. Ousha Al Muhairi, Chairman of the Distinguished Student Committee said: «Electronic adjudication turned out to be a worthwhile experience -- it has facilitated the procedure significantly, not only for the participating students, but also for jury in general. Despite some challenges that we faced, as this session was our first attempt at implementing the electronic adjudication



cation in both application and adjudication phases, it was generally a successful experience by all standards, and a step towards strengthening the Foundation's position in the world.»

Dr. Al Muhairi talked about the transparency and credibility of the E-Adjudication System, pointing out that many students received higher grades in the interviews of the second phase compared to the first phase, which is based on theoretical aspects. This, in turn, gave positive impressions and feedback about the success of the experiment.

New Environment

Khawla Bahloq, Assistant CEO for Excellence and Talent Department, said: «The experience of electronic adjudication for the first time in the history of the Hamdan bin Rashid Al Maktoum Foundation for Distinguished Academic Performance at the 21st session, has helped



create a new environment for both students and jury.»

The number of participants increased by 19 percent to reach 411 this year, counting 66 applications higher than the previous sessions.

The number of applications amounted to 297 in the Distinguished Student category, 25 in the Distinguished University Student, 30 in the Distinguished Teacher, and two in the Best Implemented Project, in addition to 11 ap-

plications in the Best Scientific Innovation, 9 in Education-Supporting Institution and 28 in the Distinguished Educator. The Distinguished Central Administration category was withheld because there are no applicants.

As for the GCC participations, which will be included in the E-adjudication next session, they were also increased by 12 percent, reaching 98 participants from all categories, 37 of

Dr. Ousha Al Muhairi: Successful experience that strengthens the Foundation's position in the world

Khawla Bahloq: Increasing number of participants of People of Determination Category this year

50 Jury from various universities assessed local and GCC applications



which in the Distinguished Student category, 32 in the Distinguished Teacher, 23 in Distinguished School and seven in the Highly Distinguished Gulf Teacher.

More than 50 specialists from various universities participated in the local and GCC adjudication process. Bahlooq pointed out that a number of files were excluded due to not meeting the category requirements, bringing the number of local participants from the UAE, who are eligible for interviews to 322 during the first phase of electronic adjudication process. After that, the second and last phase of the electronic adjudication began, which includes conducting a series of interviews with the students, in which some results were higher, compared to theoretical aspects of the first phase.

Positive Impact

She then added: «The Electronic Adjudication System



was implemented at the UAE's local awards, including a number of categories like Distinguished Student (3-5), Distinguished Student (6-12), and Distinguished University Student. The process includes 10 committees of adjudicators, each of which consists of two, who assesses the files separately. The Hamdan bin Rashid Al Maktoum Foundation has been keen to carry out the electronic adjudica-

tion events at the Hamdan Center for Giftedness and Creativity in order to benefit from the Center's facilities.» Bahlooq pointed out that the number of participants in the People of Determination category has increased considerably this year, reflecting the positive impact of the Hamdan Foundation's efforts in supporting talent in students and gifted people from all segments of society.

19 % increase in local participations in the current session

12 % increase in GCC participations, reaching 98 applications

Integrated database to ensure accuracy of inputs and avoid losses

Excluding a number of files that did not meet the category requirements





Launched on 26 February

Dubai Maker Faire

Sponsors Pioneering Ideas
and Innovative Projects,
Transforms Them Into Reality

**Dubai Mini
Maker Faire®**



Dubai - 'Akhbar Al Tamayoz'

Between 26 and 28 February, the Hamdan bin Rashid Al Maktoum Foundation for Distinguished Academic Performance launches the second session of «Dubai Maker Faire 2019» under the slogan «Unleash Your Creativity,» which corresponds with the Month of Innovation, in Zaabeel Halls 2 and 3 at Dubai World Trade Center.

The Faire is held with the aim of supporting manufacturers, innovators, craftsmen, armatures, engineers, students and various groups of society. The Faire also helps develop and sponsor projects and innovations through providing opportunities and coordination with stakeholders to adopt pioneering ideas and transform them into actual products.

The Faire, which comes as an outcome of the Foundation's efforts to promote a culture of innovation and creativity for various groups and members of the community, is attended by a number of official figures, experts, and specialists in the field of innovation, in order to share knowledge and experience from around the world, and motivate participants from various members of society, as well as encouraging them to become part of the innovation culture.

Sustainable Future

Dr. Jamal Al Muhairi, Deputy Chairman of the Board of Trustees and Secretary General of the Hamdan bin Rashid Al Maktoum Foundation for Distinguished Academic Performance, said: «In line with the UAE's strategic efforts aimed at achieving a sustainable future based on innovation and talent development, the Foundation is proud to host Dubai Maker Faire in the UAE. The Faire is the world's largest event embracing the projects of manufacturers and innovators



from around the world.»

This leading Faire is the product of the Foundation's ongoing efforts to encourage embracing the culture of innovation and leading talented people on the path of creativity. It is evident that the world of creativity enables societies to develop and grow, as is the case for the UAE community, which provided the proper environment for creativity and innovation.

The pioneer Maker Faire aims to highlight the emerging youth industries and innovations, which combine modern technology and craftsmanship. This in turn provides these industries with immense opportunities amidst an international gathering of global organizations, and a number of the world's best experts in the field of modern technology. It also encourages young innovators in the UAE and abroad.

5 Main Axes

The Faire includes a number of activities that are divided into five main axes. The first focuses on Projects Section, which is allocated according to different fields, such as engineering, industrial, scientific,

Inspiring and interesting lectures on innovation, manufacturing, creativity delivered by ministers, experts, inventors

5 Projects to be selected by Assessment Committee after public vote for top 10 projects

Various art and entertainment shows, special projects to be created throughout the Faire days

The Faire aims to support innovators, craftsmen, amateurs, engineers, students

technical, educational, and recreational in addition to many others fields. The Assessment Committee will select the top five projects following the public vote for the Top 10 Project, provided that the visitor is present at the Faire halls. The organizing committee has allocated AED 100,000 award prizes for the winners, in addition to the opportunity to receive the sponsorship to turn the idea into real products.

Inspiring Lectures

The Faire activities also include a number of inspiring and interesting lectures in the fields of innovation, manufacturing, and creativity presented by a number of ministers, experts, engineers, and inventors from around the world. It also hosts a number of technical, craft, and artistic workshops, such as 3D printing, welding, laser cutting, sewing, and furniture manufacturing, targeting various age groups.

The Faire additionally hosts Hackathon Challenge, which is a contest between two teams that work to find innovative solutions to the challenges ahead, within a specified time limit. The teams are supervised by specialized technicians, and are later appraised by a panel of experts from different disciplines. After the best creative solutions are selected, the winners receive an award of AED 35,000, distributed as follows: 20,000 for first place, 10,000 for second, and 5,000 for third.

Art and Entertainment Shows

The 3-day Faire provides participants and visitors with various art and entertainment shows, in addition to special projects that are to be created throughout the days of the Faire. This allows visitors to participate and interact with others, in addition to the chance of winning various awards presented by the organizing committee.



The 1st Service Center in Dubai to Provide Innovation-Stimulating Environment

Hamdan Center for Giftedness and Creativity in 2018 ..

Programs, Activities to Promote Students and Benefit From Their Skills

Dubai - 'Akhbar Al Tamayoz'

The Hamdan bin Rashid Al Maktoum Center for Giftedness and Creativity, of the Hamdan bin Rashid Al Maktoum Foundation for Distinguished Academic Performance, which is the first service center in Dubai to provide an innovation-stimulating environment, concluded 2018 with a series of innovative programs, held for five days at the Center's headquarters in Al Bada area, Dubai. Part of the Foundation's efforts to enhance the Center's role, these programs included «FabLab UAE Winter Camps,» and «2018 Winter Program for Talented.»

Creativity and Innovation

Dr. Jamal Al Muhairi, Deputy Chairman of the Board of Trustees and Secretary General of the Hamdan bin Rashid Al Maktoum Foundation for Distinguished Academic Performance, said: «We, at the Hamdan bin Rashid Al Maktoum Center for Giftedness and Creativity, aspire to spread creativity, innovation and manufacturing knowledge and skills in the community by organizing several training programs at the Center. The Center is considered the first service center in Dubai to provide an enjoyable learning environment for talented and innovative students that motivates them to fully utilize their skills

under the supervision of a group of experts and specialists.»

He added: «Our continuous efforts are aimed at promoting the students' skills and benefitting from their skills and talents to catch up with the technological development that is taking the world by a storm. These efforts will indeed ensure the UAE's leadership among the countries of the developed world in various advanced technological fields and promising sectors that constitute the future of humanity.»

Starting Point

He continued: «The program represents a starting point for students to lead

a better future by helping them set foot on the right path. This is achieved through the development of the students' innovative skills as well as refining their talents in various areas, especially those related to the technological applications that serve as the backbone of many industries and applications that currently lead the world.»

He then expressed his confidence in the students' ability to constantly aspire for more and take another step towards future prospects that begin with good education. He stated: «We are keen to provide continuous support to students, as the Hamdan bin Rashid Al Maktoum



Foundation strives for a future that bears great promise for our children and the whole people of our beloved country.»

Series of Programs and Workshops

«FabLab UAE Winter Camps» Program, which was held under the slogan «From Idea to Product,» included a series of pioneering training programs and workshops. These were held in the presence of many innovation enthusiasts and talented students in the fields of programming and manufacturing. The program targeted students and innovators with the aim of enhancing their skills by engaging them in workshops, experiments and training sessions, conducted by engineers and specialists in various fields of technology and innovation.

Winter Camps also included «2018 Winter Program for Talented» that involved the «Professional Programmer» Program, in which 16 students participated. The aim of the program was to enhance and develop students' skills in programming, computational thinking and programming algorithms, in order to perform several difficult tasks by using artificial



intelligence to solve various challenges.

The Camp also organized the «Mobile Robotics» Program, in which 15 talented students have participated, with the aim of developing their skills in robot engineering and other related scientific skills, such as scientific analysis and problem solving, using the right engineering methods.

With the hope of achieving a sustainable future for the UAE, the camp also organized the «Sustainable City» Program for 15 students, who were introduced to ways through which a model of a sustainable city is achieved. Students were able to search and come up with solutions to preserve oceans, reduce pollution, increase green spaces, recycle and sort out waste for optimal utilization, in addition to various methods of generating renewable energy from solar, wind and water sources.

In order to provide students with problem solving skills in accordance with innovative scientific strategies, the Center organized the «Machine Transforming» Program to develop the critical thinking skills of 20 students in a model STREAM learning environment.