



Candidates of 20th session
of Hamdan Award:
**Thank you Mohammed
bin Zayed**

#شكرا_محمد_بن_زايد



Hamdan bin Rashid:

The UAE has effective, unique partnerships
with UNESCO



**Hamdan Award
completes personal
interviews and field
visits for 20th session**

**3
projects**

meet the criteria
of winning
UNESCO-Hamdan,
honoring 5 October

January 2018

Issue 111

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

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Cover Story



Hamdan bin Rashid:
The UAE has effective,
unique partnerships with
UNESCO

08

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30 candidates
to 2nd phase of 'Innovators'
competition,
results announced soon

16

Education.. as envisioned
by Zayed
**The generation's weapon
to progress into future**

04

Candidates of 20th session of
Hamdan Award:
**Thank you Mohammed
bin Zayed**

06



**Hamdan
Award**
completes
personal
interviews
and field visits
for 20th
session


12

Hamdan Award concludes
gifted winter camp

20

Introduction

Year of Zayed and education vision



- In the Year of Zayed, May his soul rest in peace, it is necessary to evoke the mission and vision of education on which the founder, leader and teacher built his lofty union monument. This monument was based on cohesive, educated and open-minded Emirati society, side by side with a modern and influential country that has become an example and a reference point for modernists and reformers, as well as experts in various fields and sectors. The vision of education was a constant value system, built on national identity, and stemmed from the matrix of moral values derived from the true Islamic religion and the Arab cultural heritage, which is the rich of ideals and perfection of qualities in word and deed.

- Sheikh Zayed, May Allah have mercy on him, used to constantly urge the people of his country and nation to arm themselves with science and knowledge and emphasize in his educational discourse the duty of human towards the Creator, the Almighty, the duty towards the country and people, and the duty towards other humans, regardless of their race, color or religion. He used to encourage adherence to ethics, preserving heritage, and being proud of authenticity and deep roots. He stressed the morals of good behavior, and commitment to elevated dealing, modesty, tolerance, justice, respect and love of good and extending a helping hand.

- Sheikh Zayed, May his soul rest in peace, applied these behaviors by himself and his family first. That is the reason why Zayed's ethics are deeply rooted in the society and reflected in the Emirati citizens, in the sense that Emirati people are call (the children of Zayed), to glorify his educational role, and to honor his fatherly concern for the people of the country and nation.

- In the centennial anniversary of Zayed, this deep educational philosophy must be observed to revive the memory of the nation and world by the wisdom, courage, tolerance and humanism of Zayed. This approach must be pursued by instilling noble principles and human values in the culture of the young generation of Emirati people; such culture that is committed to values; a culture that satisfies the eternal covenant taken on 2nd of December 1971, which will continue forever.

- Glimpses of the Founding Father's quotes:

- "Our heritage must be preserved, because it is the origin and the roots, and we must stick to our origins and deep roots."

- "Educating and teaching people is in itself a great fortune to cherish. Knowledge is wealth and we are building the future on a scientific basis."

- "Science and culture are the pillars of a nation's progress and the cornerstone of its civilization. Without scientific progress, there would be no civilizations, advanced industry, nor agriculture that meet the needs of citizens."

- "The real asset of any advanced nation is its people, especially the educated ones, and the prosperity and success of the people are measured by the standard of their education."

Abdul Noor Ahmed Al Hashimi
Chief Editor

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Education.. as envisioned by Zayed The generation's weapon to progress into future

Dubai - 'Akhbar Al Tamayoz'

This year, the UAE celebrates the late Founding Leader, Sheikh Zayed bin Sultan Al Nahyan, may his soul rest in peace, by highlighting his role in building the country, in addition to his local and international achievements.

The year 2018, which was marked by His Highness Sheikh Khalifa bin Zayed Al Nahyan, President of the UAE, as a national occasion, is intended to shed more light on noble values, filled with wisdom, respect, determination, will, loyalty, belonging to the UAE, and the willingness to sacrifice all for the sake of this dear country. All these characteristics and more were derived from the late leader and founder, and was inherited to his people throughout each generation. These unique characteristics have had a tremendous impact on the unification of the UAE, and aided this country in the face of challenges and risks.

The late leader is considered



a symbol of wisdom, generosity, and kindness in the UAE and around the world. His initiatives are deemed, to this day, an evidence of his uniqueness as a modern leader who is appreciated by all the peoples and nations of the region and the world. He was one of the greatest and most inspiring figures, with his patience, wisdom and vision. The principles and values presented by the late Sheikh Zayed will remain the foundation of the UAE union, and his development experience will always be a source of inspiration for the countries around the world, and a source of pride locally, in the Gulf region, Arab world, and internationally.

Approach

He believed that "The real asset of any advanced nation is its people, especially the educated ones, and the prosperity and success of the people are measured by the standard of their education," which is why educa-

tion played a leading role in his approach. He exhausted all means in order to support the development of education, and provide all types of opportunities. He also encouraged the youth to study and acquire higher levels of education in all disciplines and scientific research. Not only did he support students and educational institutions within the country, but also he was able to cross the borders and continents to provide support and raise the quality of education in all countries around the world, especially in less developed countries, where the UAE also contributed to building schools, colleges, universities, and libraries.

Sheikh Zayed, may his soul rest in peace, also paid great attention to the youth, based on his belief that they are the pillars of development and progress in any society, and that every country should invest in the abilities of the youth, and employ them ef-



fectively in the community in order to realize advancement and prosperity. He also urged the youth to continue to arm themselves with science, and to join various fields of work, taking into consideration that work is both an honor and a duty. Sheikh Zayed made the youth and their empowerment the ultimate target of the various initiatives launched and pursued by the UAE in its journey to the future.

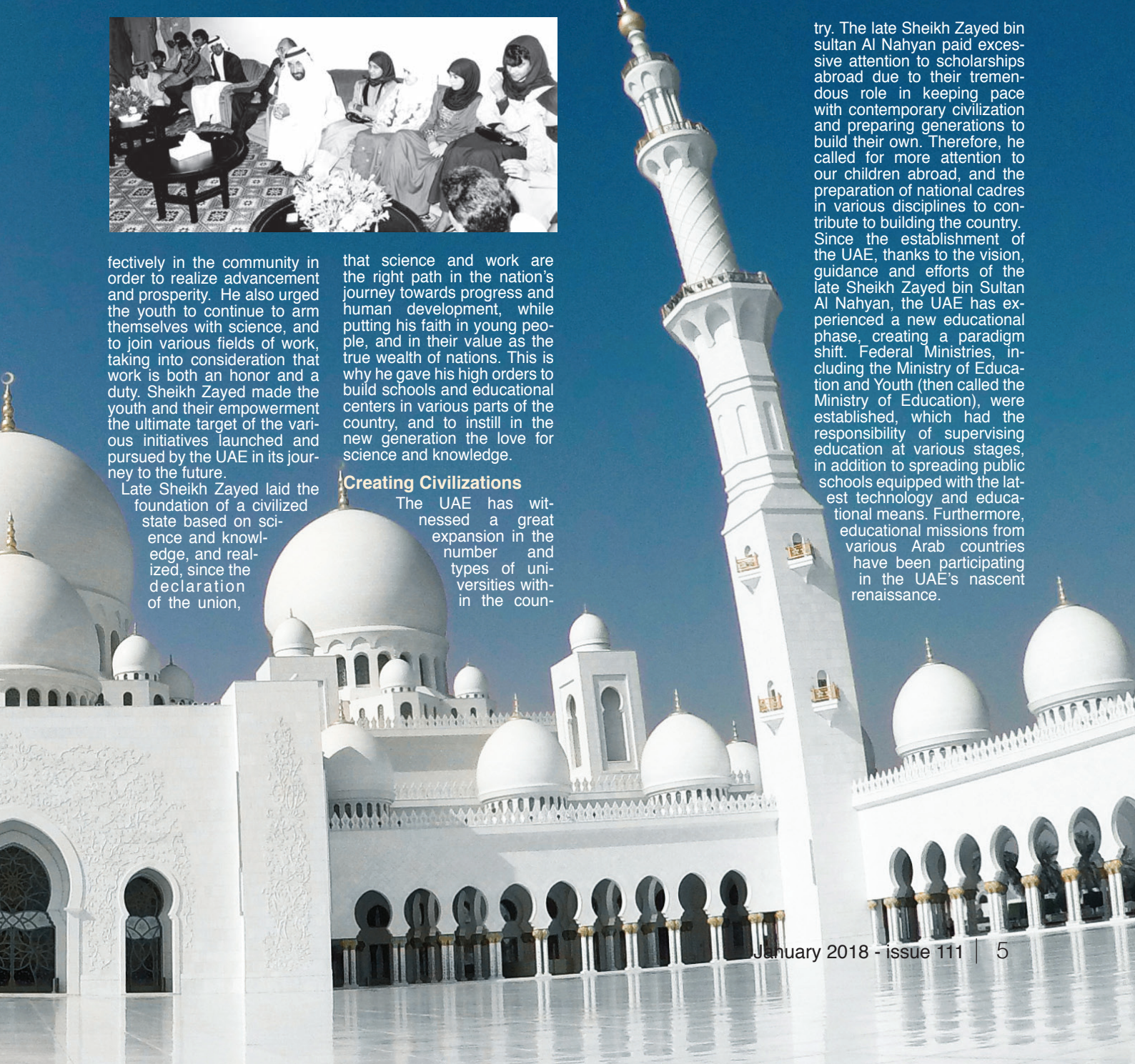
Late Sheikh Zayed laid the foundation of a civilized state based on science and knowledge, and realized, since the declaration of the union,

that science and work are the right path in the nation's journey towards progress and human development, while putting his faith in young people, and in their value as the true wealth of nations. This is why he gave his high orders to build schools and educational centers in various parts of the country, and to instill in the new generation the love for science and knowledge.

Creating Civilizations

The UAE has witnessed a great expansion in the number and types of universities within the coun-

try. The late Sheikh Zayed bin sultan Al Nahyan paid excessive attention to scholarships abroad due to their tremendous role in keeping pace with contemporary civilization and preparing generations to build their own. Therefore, he called for more attention to our children abroad, and the preparation of national cadres in various disciplines to contribute to building the country. Since the establishment of the UAE, thanks to the vision, guidance and efforts of the late Sheikh Zayed bin Sultan Al Nahyan, the UAE has experienced a new educational phase, creating a paradigm shift. Federal Ministries, including the Ministry of Education and Youth (then called the Ministry of Education), were established, which had the responsibility of supervising education at various stages, in addition to spreading public schools equipped with the latest technology and educational means. Furthermore, educational missions from various Arab countries have been participating in the UAE's nascent renaissance.





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Interacting with the national campaign launched by Mohammed bin Rashid Candidates of 20th session of Hamdan Award: **Thank you Mohammed bin Zayed**

Dubai - 'Akhbar Al Tamayoz'

Candidates of Hamdan bin Rashid Al Maktoum Award for Distinguished Academic Performance in its 20th session interacted with 'Thank you Mohammed bin Zayed' campaign, which was launched by His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, to mark the anniversary of the latter's accession

as Ruler of Dubai.

Candidates from many nationalities addressed several letters of thanks in various languages to His Highness Sheikh Mohammed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi and Deputy Supreme Commander of the UAE Armed Forces, for the country that HH is building for generations, and for being the protector of nation's security, and the commander of its army.

The students in the current session praised His Highness Sheikh Mohammed bin Zayed Al Nahyan care for the youth, where HH taught the generations how to serve the country, and planted the spirit of chivalry, bravery and military service in them.

The students also thank His Highness Sheikh Mohammed bin Zayed Al Nahyan for the investment in education, and constant pursuit to provide a decent life for all people of the UAE.

Hamdan bin Rashid Al Maktoum Award for Distinguished Academic Performance posted a video via its official accounts on social networking sites. The video included letters of thanks from the Award's candidates at the current session, which was in line with the national campaign launched by His Highness Sheikh Mohammed bin Rashid Al Maktoum, to thank His Highness Sheikh Mohammed bin Zayed Al Nahyan.



Receiving representative of UNESCO Director-General and jury members of UNESCO-Hamdan Prize

Hamdan bin Rashid: The UAE has effective, unique partnerships with UNESCO

Dubai - 'Akhbar Al Tamayoz'

His Highness Sheikh Hamdan bin Rashid Al Maktoum, Deputy Ruler of Dubai and UAE Minister of Finance, stressed that the UAE, led by His Highness Sheikh Khalifa 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, with the constant follow-up of His Highness Sheikh Mohammed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi and Deputy Supreme Commander of the UAE Armed Forces, has unique relationship with the United Nations Educational, Scientific and Cultural Organization (UNESCO). This relation is embodied in effective partnerships supporting the UN programs that focus on the improvement and development of education infrastructure around the world, and promoting humanitarian and cultural values that provide greater opportunities to overcome challenges that face the international development, stability and peace. The statement was deliv-

ered during the visit of Edem Adubra, the representative of UNESCO Director-General in the international jury of UNESCO-Hamdan bin Rashid Al Maktoum Prize for Outstanding Practice and Performance in Enhancing the Effectiveness of Teachers, with the jury members, on the occasion of closing the Dubai-based adjudication process of the projects nominated to win the fifth edition of the Prize.

Initiatives

His Highness praised the role of UNESCO in developing the cultural sense for world peace, improving the educational conditions in developing countries and supporting the initiatives aimed at bridging the educational and cultural gap between countries and societies, as well as raising the UN efforts in improving knowledge opportunities towards achieving a harmonious system of human values, based on respect, coexistence, development and welfare. His Highness added that the initiatives carried out by the UAE at the level of government and individuals contribute to support these efforts



His Highness reviews report of 5th session applications of UNESCO-Hamdan Prize

Appreciating UNESCO's relentless efforts to establish and disseminate foundations of modern education

Praising the international organization's role in preserving and protecting heritage and historical monuments

His Highness congratulates candidates for winning UNESCO-Hamdan Prize and commends their outstanding giving



efforts and practices to improve teacher performance in developing communities.

Worthiness

His Highness patron of the Prize was briefed by Luke Ria, Chairman of the international jury of UNESCO-Hamdan Prize on the criteria adopted for evaluation, acceptance and approval of nominations. Three projects were worthily selected due to meeting the criteria for winning.

At the end of the meeting, His Highness patron of the Prize congratulated the candidates for winning and expressed his gratitude for the continuation of their outstanding giving in the field of upgrading education. HH also praised the performance of the jury and the responsible teams in the Prize and their success in achieving the objectives of the Prize.



Edem Adubra: UNESCO-Hamdan Prize raised educational initiatives to better applications

UNESCO representative lauded education-supporting initiatives and contributions of the Prize Patron

Performance Optimization

Edem Adubra, the representative of UNESCO thanked His Highness Sheikh Hamdan bin Rashid for his important initiatives and contributions in supporting education, especially those aimed at improving school performance and upgrading learning environments. He stated that UNESCO-Hamdan Prize has contributed to enhancing the opportunities for improved teacher performance in different remote areas, and led educational initiatives towards optimized practices and applications. Their positive results supported the UN's efforts to achieve UNESCO goals.

"This joint program between Hamdan bin Rashid Al Maktoum Award for Distinguished Academic Performance and the UNESCO helped the targeted audience develop their professional skills, and thus provide good education that is characterized by continuous development, and meets the culture of change for the best.



and raise them to achieve their optimized goals. His Highness Sheikh Hamdan bin Rashid Al Maktoum praised the attention and support received by UNESCO-Hamdan bin Rashid Al Maktoum Prize for Out-

standing Practice and Performance in Enhancing the Effectiveness of Teachers from officials, headed by UNESCO Director-General Audrey Azoulay; the thing which realize the aspirations of both sides to support the



150 participants in 5th International Prize

3 projects meet the criteria of winning UNESCO-Hamdan, honoring 5 October

Dubai - 'Akhbar Al Tamayoz

The international jury of the fifth edition of UNESCO-Hamdan bin Rashid Al Maktoum Prize for Outstanding Practice and Performance in Enhancing the Effectiveness of Teachers selected three projects that have successfully met the criteria for winning the Prize. Dr. Jamal Al Muhairi, Deputy Chairman of the Board of Trustees, Secretary-General of Hamdan bin Rashid Al Maktoum Award for Distinguished Academic Performance said 150 participations applied to the current session of UNESCO-Hamdan Prize, representing educational institutions and initiatives from all continents, which applied to win the prestigious award.

The jury completed the Dubai-based adjudication process of the projects nominated to win the Prize in its fifth session.

Dr. Al Muhairi stated that after the initial screening, 90 participants qualified, distributed across 33 continents from Asia, 24 from Africa, 24 from South and Central America and 9 from Europe.

“The international jury will submit a report to Audrey Azoulay, Director-General of UNESCO, to approve the results and announce the winners who will be honored on the Teacher’s Day on 5th of October at UNESCO headquarters, Paris.”

The number of participants in UNESCO-Hamdan Prize since its inception in 2009-

2010 until the fifth session 2017-2018 amounted to 531, from different continents of the world.

Adjudication Process

Luke Ria, Chairman of the international jury of UNESCO-Hamdan Prize explained that the adjudication process had two stages: the preliminary screening and the final adju-

dication. The initial screening committee consisted of five members, who received the participations from UNESCO to check and review, in order to make sure that the needed requirements are met in the nomination applications.

“The international jury was nominated and selected by the Director-General of UNESCO. It consisted of five

members, representing all geographical regions in the world according to the International Classification.”

The jury of the current session was formed by a group of international experts in the field of education. Janis Carroll-Lind (Asia and Pacific Representative), is the Director of Research and Postgraduate Programs. Isao Jado (Africa Representative), is a university professor, senior lecturer at CAM universities, professor at the Higher School of Teachers at NATITINGOU (University of Baracoa), as well as former independent consultant to UNESCO (Paris, Dakar), UNICEF (Benin) and to many non-governmental organizations in Benin – South Africa. Jado also works as the Director of Teacher Training College of Primary Schools in Benin, and consultant to special research and the Vocational Development Center for Teachers in Benin.

Among the international jury is Musfir bin Saud bin Abdullah Al Salouli (Representative of the Arab States), Vice Dean of Development and Quality for Development, Assistant Professor of Mathematics Teaching (King Saud University, College of Education). Denise Vaillant (Representative of Latin America and the Caribbean). She is the Director of the Institute of Education (ORT Uruguay) and President of the Teaching Profession International Observatory (University of Barcelona, Spain). Vaillant has also worked with ministries of education throughout Latin America to implement the policies of teachers and school reform. The fifth member is Luke Ria (Representative of Europe and North America), Professor of Educational Sciences at the French Institute of Education, Lyon, holder of UNESCO Chair in Training



11 Winners in 4 Sessions

The number of winners of UNESCO-Hamdan bin Rashid Al Maktoum Prize for Outstanding Practice and Performance in Enhancing the Effectiveness of Teachers since its first session in 2009-2010 until the fourth one in 2015-2016 amounts to 11 winners.

The winners of the first edition 2009-2010 were Ali Foundation for Education, Pakistan; the Center of Excellence for Teacher Training, Dominican; and Congo Center for Education for All, Congo.

The second session 2011-2012 was awarded to the Rato Bangala Foundation, Nepal; the African Institute for Mathematical Sciences Schools Enrichment Centre, South Africa; and the Banco del Libro, Venezuela.

In the third session 2013-2014, the winners were Oxfam Novib and Education International for their project: Quality Educators for All: Every Child needs a Good Teacher implemented in Mali and Uganda; ProEd Foundation for its project: Teachers Teaching Teachers – Professional Learning Community (PLC) implemented in Panama; and SOS Children’s Village for its project: Teacher Training Program implemented in Madagascar.

While the fourth edition of the Prize 2015-2016 was given to two winners: See Beyond Borders foundation for ‘Teach the Teacher’ project, Cambodia; University of Malaya – Administration of Mathematical and Educational Sciences in the Faculty of Education for ‘Environmental Citizenship Education’ project, Malaysia.



Results report submitted to UNESCO Director-General for approval and announcement of winners

531 participations from different continents in 5 editions of the Prize

Teachers for the 21st Century, and Academic Officer of the Research and Training Program, which includes about 1,000 videos of junior teachers, along with change samples in their teaching methods based on their successive experiences.

UNESCO-Hamdan Prize for was founded in 2008 as an initiative by Hamdan bin Rashid Al Maktoum Award for Distinguished Academic Performance and the United Nations Educational, Scientific and Cultural Organization (UNESCO), with the aims of supporting and enhancing the levels of education and improving the quality of learning, in order to achieve the objectives of Education for All, one of UNESCO priorities.

The Prize is awarded biennially for the three winners from around the world who provide outstanding educational practice contributing to improving the performance and effectiveness of teachers all over the world. Supported generously by His Highness Sheikh Hamdan bin Rashid Al Maktoum, Deputy Ruler of Dubai and UAE Minister of Finance, the US\$ 300,000 Prize is divided equally on the three winners.

341 local and 86 Gulf participations

Hamdan Award completes personal interviews and field visits for 20th session





Dubai - 'Akhbar Al Tamayoz'

Hamdan bin Rashid Al Maktoum Award for Distinguished Academic Performance has completed the final phase of central adjudication of the 20th session, which included conducting personal interviews and carrying out field visits, based on which, the degree of excellence is determined or modified according to the evaluation process. Later on, the winners are decided along with their ranks and positions.

The central adjudication process began at the H Hotel, Dubai, where a meeting was held with jury members. The meeting stressed the Award's aim in establishing impartial transparency in the adjudication process, along with the accuracy of results and credibility in granting the degree of excellence to those who deserve it among the elements of the educational system.

The adjudication committees

conducted interviews with the participants in Distinguished Student category, in order to ascertain the validity of what has been mentioned in the applications. The committee then carried out field visits for the rest of the categories in each field, such as Distinguished Teacher, Distinguished School, and other categories.

The jury of the 20th session said that some applications did not meet the required level, which means that the applicants have to work harder on avoiding the deficiencies in the coming sessions, noting that commitment to standards and accessing previous winning submissions are key elements to winning the Award.

Participations

Dr. Jamal Al Muhairi, Secretary-General of the Award, said the number of local participations in the 20th sessions amounted to 341, including 4 applications to the Distinguished School category, 260 to Distinguished Student, 33 to Distinguished Educator 19 to Highly Distinguished Teacher, 8 to Best

120% increase in Educational Research category and 5 participations from people of determination

New developments in application process for some categories, online application for 5 categories as test phase

65 applications in Educational Research and re-application by previous winners with new researches



Scientific Innovation, 4 to Best Implemented Project, 4 to Distinguished Family, One to Distinguished Teacher, and 8 submissions in Education-Supporting Institutions. On the other hand, 86 applications were submitted from the GCC countries.

Al Muhairi also pointed out that the 20th cycle has witnessed an increase in Educational Research category by 120 per cent, compared to the previous sessions, in addition to 5 submissions among people of determination.

Dr. Al Muhairi further explained that the 20th session has witnessed new developments in the application process for some of its categories this year. One of which is the online submission for 5 categories in the current session as a test phase, namely: Best Implemented Project, Best Scientific Innovation, Education-Supporting Institution, Distinguished Educational Administration, and Distinguished Educator. He also pointed out that this procedure will result in a paradigm shift both in the

The Award News

concept of application and adjudication.

"There is improvement in Educational Research category in general compared to previous years, after having merged this category among local and Arab world submissions, where the number of submissions has reached 65. Some winners in previous sessions have submitted new researches this year as well, which confirms the importance of the Award."

Stages of Adjudication

Dr. Ali Al Kaabi, Chairman of the Adjudication Committee said that central adjudication goes through two basic stages: theoretical adjudication stage, and field visits along with personal interviews stage, which is designed for candidates who have obtained certain level of excellence in the first stage. During this stage, the results of the evaluation will be verified, and practical assessment will be carried out taking into consideration the aspects of excellence possessed by the competing candidates in each category. At the end of this stage, candidates are selected for the Award, the Certificate of Excellence, and the Participation Certificate.

Dr. Sultan Al Suwaidi, Chairman of the Adjudication Committee for the Distinguished School / School Administration category said that candidate schools were able to activate and implement creativity and innovation in their processes. He also pointed out that the criteria of the Award made these schools adhere to and seek excellence in every aspect, because they have adopted these standards and criteria as a slogan and a title to their aspirations.

Spirit of Competition

Dr. Ibrahim Yousif, Chairman of the Adjudication Committee for the Distinguished Teacher and Highly Distinguished Teacher category said that the Award criteria have enhanced the spirit of competition in the field of education among



various groups. It also keeps pace with the modern development witnessed by the field of education. He also pointed out that the continuous development of the Award criteria encourages educational excellence, and helps spread the culture of creativity and quality, as well as highlighting the important role of the parties that support the culture of excellence, especially that the Award is characterized with international criteria.

He also mentioned that application of the Teacher category requires four main criteria; namely teaching performance, moral performance, professional development, and the ability to motivate. The Distinguished Teacher candidate has to pass and acquire 750 out of 1000, while Highly Distinguished Teacher should, in addition to that, meet the criteria of creativity and innovation.

Dr. Aousha Al Muhairi, Chairperson of the Adjudication Committee for the Distinguished University Student said the evaluation forms help facilitate the admission process and aid the students through clarifying weaknesses that should be avoided in applications. She also pointed out that the majority of participating students have succeeded in attaching appropriate evidence to the standards of the Award.







Launched by Fab Lab UAE, attracting 735 participants

30 candidates to 2nd phase of 'Innovators' competition, results announced soon



Dubai - 'Akhbar Al Tamayoz'

Fab Lab UAE, of Hamdan bin Rashid Al Maktoum Award for Distinguished Academic Performance, completed the interviews with 30 participants who qualified for the recently launched 'Innovators' competition, marking the end of the second phase of the evaluation.

Marwa Ibrahim Sahrawi, Head of Innovation Department and Director of Fab Lab in the Award said that Innovators competition has witnessed a great turnout, with more than 735 participants from different emirates of the UAE.

She pointed out that the results of the competition are to be announced soon, having in mind that the committee of specialists completed the final phase, in which applicable ideas were evaluated. Personal interviews were conducted for participants with the best ideas, where each participant presented their idea to the evaluation

Evaluation Criteria

Marwa Sahrawi stated that the evaluation process is based on calculating points, where the idea itself is allocated 70 points. The criteria focus not violate regulations, policies and ethics of the United Arab Emirates. The remaining 30 points are allocated to benefit criterion, which focuses on the clarity of the idea and its tangible impact.

committee, explaining the benefits of its application.

"The competition is in line with the Fab Lab UAE's triplicity (Design, Make, Share), and it is considered one of its qualitative initiatives, as the idea is to attract students who have creative tendencies and applicable ideas or even the ones who have a passion for innovation."

She further explained that the aim of the competition is to encourage students to think creatively and to

provide them with an environment that would help them transform their ideas into reality through Fab Lab UAE. Students participate in this competition with their innovative ideas, and are evaluated by a specialized committee. Later on, Unique ideas are chosen to be realized into a product by Fab Lab UAE.

Incentives and Rewards

Concerning incentives and rewards, Sahrawi said that winning ideas will be reward-

ed a winning certificate and a reward of AED 5000, distributed as follows: (Three winners of each group, the first group: 5-8 year olds, and the second group: 9-12 year olds). Top 15 distinctive ideas will be awarded a Certificate of Distinguished Idea, and all participants will be awarded a Certificate of Appreciation for participation. She added that winners will have the opportunity to transform winning ideas into prototypes and practical projects through Fab Lab UAE.

"The ideas have met the conditions in terms of being applicable in reality, new and not imitated or attributed to others. The ideas should also not be admitted to previous competitions, are not inconsistent with the regulations, policies and ethics in force in the UAE, and should take into account the country's orientations such as preservation of the environment, rationalization, sustainability, energy, and others."

20 students

In Fab Kids and within the winter camp

are trained on digital programming and fabrication





Dubai - 'Akhbar Al Tamayoz'

20 students were trained at the winter camp of Fab Kids, which was organized by Hamdan bin Rashid Al Maktoum Award for Distinguished Academic Performance, in collaboration with the German coach Andreas of Fab Lab Munich. The training included digital programming and manufacturing in order to help them develop their creative thinking abilities and build creative and innovative personalities.

The winter camp targeted students ranging from 6 to 11 years of age, where they were trained by foreign and local experts in digital fabrication, and were able to implement 6 projects.

Marwa Ibrahim, Fab Lab in-charge reassured the Award's relentless keenness on organizing camps that would motivate students, create a supportive environment and establish an innovation-stimulating infrastructure that encourages innovative thinking, as well as spreading the culture of innovation and digital fabrication. The Award also seeks to broaden the scope critical thinking among targeted audience in order to be able to turn their ideas into applicable projects, and to nurture outstanding individuals, as well as to train the staff and pioneers of Fab Lab.

She also said that the winter camp is aimed at directing students to use modern technology in what is beneficial to

them and their communities, as well as building creative and innovative personalities that would help them attain the higher ranks in their fields. The camp also focuses on implementing the seed of innovation in children at an early age, in addition to motivating children to work both individually and within groups.

Motivation

Marwa Ibrahim also pointed out that the main Fab Lab and all its branches encourage students to research, stimulate their curiosity, and keep pace with their country's orientation in order to reach the world's highest ranks in the field of innovation. The Fab Lab's vision also includes spreading the culture of creativity, innovation and manufacturing in all segments of

the UAE's community, as well as creating environments that stimulate innovation, and encouraging universities and schools to create methodologies of research, exploration and investigation in new generations.

She explained that children in the winter camp were trained to use 3D printers, and employ its functions in design. They were also introduced to how to create electrical circuits by welding, in addition to training them on how to use the 3D pen. The Award ensured that the training was in line with global educational development.

Creative Thinking

"Target students have carried out educational and recreational activities that encourage innovation and creative

thinking because children by nature love freedom, so instead of teaching them through a fixed curriculum, they are taught through design, thinking, innovation, modelling, and the ability to come up with ideas in order to find solutions and face challenges. Project-based practical learning encourages students to research and seek information from different fields."

Marwa also said that the Award, through Fab Lab project that was launched last year, was able to design special programs for children, using 3D printers and other digital manufacturing devices. The Award also provided training programs directed specifically for children that revolved around innovation and digital fabrication. The latest programs and equipment were provided in accordance with the global standards of Fab lab, where the Award ensured that children receive the needed support in order to transform their ideas into practical projects. During this process, the Award contacted Fab Lab global organization and shared knowledge and expertise in the field of Fab Kids, and was keen to provide the students with all references and resources related to innovation, digital fabrication and other sciences that support innovation and creativity.





Including 5 training programs
**Hamdan Award
concludes gifted
winter camp**



Dubai - 'Akhbar Al Tamayoz'

Hamdan bin Rashid Al Maktoum Award for Distinguished Academic Performance concluded the Gifted Winter Program with the participation of 70 talented students that have been discovered according to the Award criteria. The organization of the Winter Program aligns with UAE Vision 2021 and the country's orientation towards innovation. A series of targeted scientific programs based on the STREAM methodology have been introduced to develop the interests and tendencies of the gifted students enrolled in Hamdan bin Rashid Al Maktoum Center for Giftedness and Creativity. The program also sought highlighting



their talents to be invested in the service of the country. The program included 5 training programs: Journey to Mars Orbit, My Smartphone Phone is Designed by me, Mental Calculations, E-Village and Professional Programmer. The Gifted Winter Program aimed at providing an educational environment that enables the students to highlight their abilities, develop their potential and talents, provide alternatives and learning experiences that meets their needs and enhance teamwork spirit through activities and workshops. The objectives include highlighting the students' capabilities and investing their abilities to motivate them to innovate.