

## Mohammad Bin Rashid Launches the Largest Arab Library at AED 1 Billion

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by Fab Lab UAE on  
Maker Day

Central Adjudication Com-  
pleted .. Names of Winners  
Announced on March 23rd

Hamdan Award  
Launches Campaign  
to Spot Talented Stu-  
dents in UAE

'Development  
of Social  
& Psychological Skills  
of Talented' Enriches Arab  
Educational Library



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Cover Story

**OUR VISION**

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



Monthly Educational Magazine

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Introduction

**Innovation and Future of Education**

• Fabrication Laboratory programs (Fab Labs) launched by the Award recently attracted a large proportion of students. Although the labs are newly-born, numbers of participants exceeded the maximum capacity of labs; the thing which proves that the initiative of His Highness Sheikh Hamdan bin Rashid Al Maktoum, patron of the Award, by launching the Fab Lab UAE project has targeted a crucial goal by aiming at educational and economic feasibility that have a good payoff in supporting the educational system, as well as accomplishing innovative national achievements. The initiative satisfied a real need in the educational community, especially with the segment of talented and creative student who are passionate for discovery and innovation. It also invested the students' capacity and capability of research, experiment, discovery and innovation, and they finally found their shelter in this wonderful program. The initiative's laboratories will certainly experience a quantum leap in the care of creative and talented, especially that the services provided by Hamdan Award in the Fab Lab UAE outperform their counterparts in the world in terms of inclusiveness and meeting all practicing students' needs; particularly in terms of technical and administrative support, and marketing of inventions and innovations, as well as the functions of education, guidance, evaluation and IT update. Indeed they imitate one of the most important features and challenges of the contemporary education, and cover the most important future tracks.

• Integration of the Ministries of Education and Higher Education in one ministry, and the appointment of three ministers to manage it, are among the institutional and innovative developments in the management of education. We expect to unite the government education system in the country and bridge the gap of the knowledge and skill requirements between public education and higher education. Hamdan Award confirms continued support to education in accordance with the approaches of the new phase and is ready to offer its expertise in the field of educational excellence and to foster talents and innovation.

May Allah bless these efforts!

**Abdul Noor Ahmed Al Hashimi**  
Chief Editor

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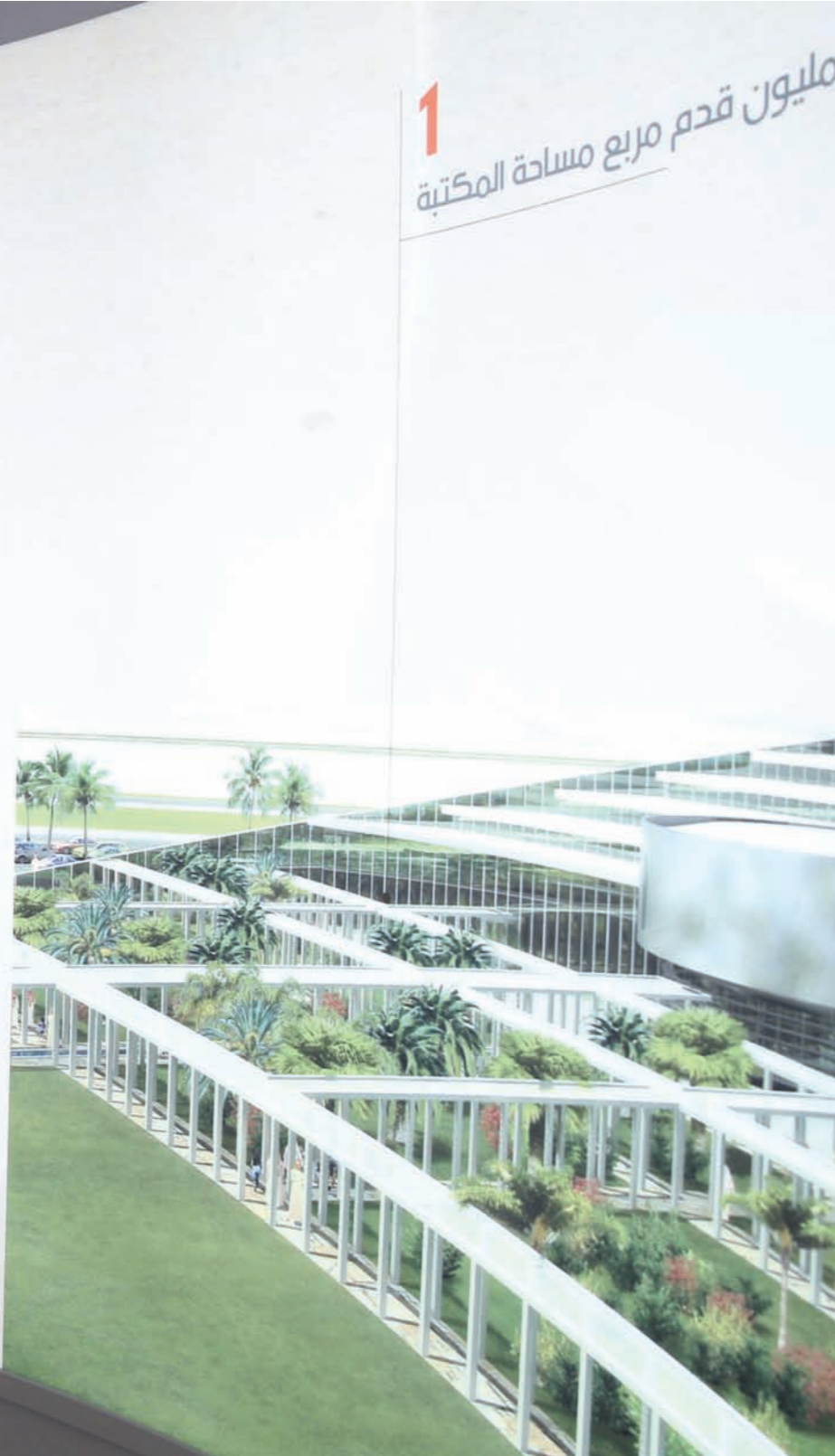
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4.5 Million Printed, Electronic & Audio Books Available in 2017

## Mohammad Bin Rashid Launches the Largest Arab Library at AED 1 Billion



**Vice-President: human mind is the center of development and the book is the tool used to renew the mind**

**A nation can never grow without a renewed mind and a lively, knowledgeable spirit**

'Al Tamayoz News' – Dubai

The UAE has had confident steps towards its transformation into a culture and knowledge capital, and towards making reading a societal well-established habit by launching the largest cognitive Arab project in the Arab world, Mohammed bin Rashid Library, by His Highness Sheikh Mohammed bin Rashid Al Maktoum, UAE Vice President, Prime Minister and Ruler of Dubai. Its investment reaches 1 billion dirhams, with an area of more than 1 million square foot, and total 4.5 million printed, electronic and audio books.

It is expected that 42 million people benefit from the library a year, since the under-construction library contains 8 specialized libraries, 1.5 million printed books, 2 million e-books, and 1 million audio ones. Opening will be next year.

Located on the Dubai Creek, in Al Jaddaf, the library with its huge construction will host more than 100 annual cultural and cognitive activities, a permanent exhibition for arts, and an embracing place of the most important institutions specialized in supporting Arabic content.

The library will print and distribute 10 million books in the Arab world in the coming years, embrace the AED 2.4 million Mohammed bin Rashid Awards for Arabic, and launch a program to support Arabic content by translating 25000 titles, as well as embracing and supporting the Arab Reading Challenge with its 2.5 million students from 20000 schools in the Arab world reading 125

million books annually. The library has a special center for the restoration of historic manuscripts, a private library for Al Maktoum family collection, literary and artistic exhibitions throughout the year to be the nucleus of creativity and knowledge, a meeting place for people interested in culture and science, and a museum for heritage and the history of human civilization.

### Development

As His Highness Sheikh Mohammed bin Rashid Al Maktoum said "The human mind is the center of development and the book is the tool used to renew the mind. A nation can never grow without a renewed mind and a lively, knowledgeable spirit."

His Highness added: "We are the leaders of civilization, duty and culture, and so we need to revive the spirit of learning and curiosity within our culture through innovative initiatives that push our boundaries. This is why we decided to start

the Year of Reading by launching this state-of-the-art library and to let everyone know that we will transform the UAE into an Arab and global cultural and learning center while strongly establishing reading as a societal norm. We want a dynamic library which will reach you before you reach it, visit you before you visit it, and which encourages you to start reading from childhood, while supporting you as a scientist, researcher or specialist, when older. The library will be a compound for books, a community for readers and writers, and an association for content, culture and thought owners.”

Mohammad bin Rashid Library greatly relies on harnessing modern technology in the field of research and delivering its knowledge and sciences, and it will be a global reference in the Arabic language, and a popular destination in tracing the scientific impact of all specialists, scientists, intellectuals, writers and owners of different talents, poets and scholars, and making it an incubator for publishers.

The departments and components of the library have been studied and evaluated according to a right scientific basis which is appropriate for the time being and for the future, where it includes various sections which serve adults and children, researchers and insiders, traditional and electronic systems. It also has places for the talented and exhibition halls. It will include more than 1.5 million titles, in addition to the huge numbers of video and audio books, and will deal with more than 42 million people from the region and the world.

**Wisdom Pillars**

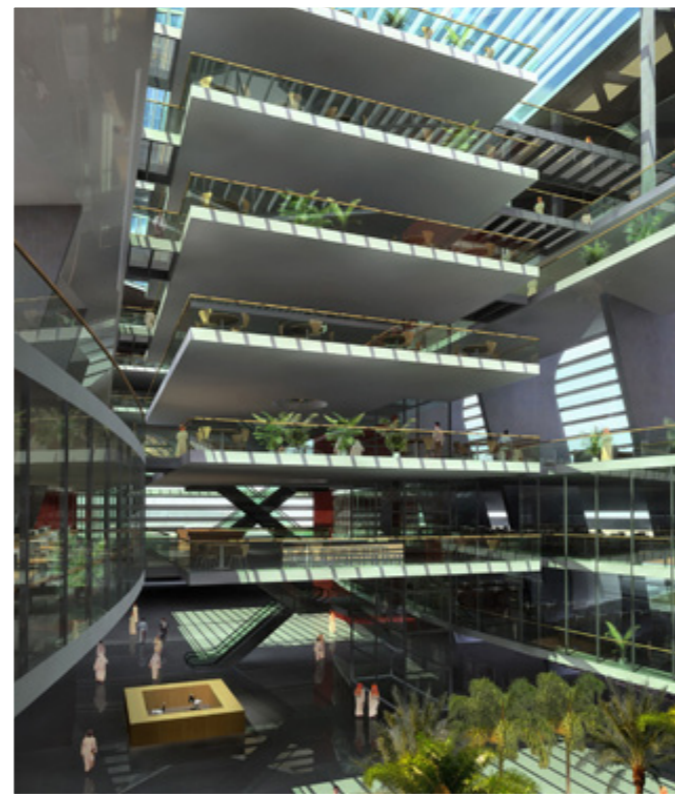
As in the ages of wisdom when there were 6 Pillars of Wisdom, Mohammad bin Rashid Library is also based and leaned on six pillars which constitute its mission, reinforce its excellence, and double its impact. The six pillars are: the main library and specialized libraries, encouraging reading, spreading content, supporting authoring and translation, pro-



**Fostering Mohammed bin Rashid Awards for Arabic at AED 2.4 million**

**1 million square foot area, with 42 million expected beneficiaries per year**

**Printing and distribution of 10 million books in the Arab world in the coming years**



**A program to support Arabic content by translating 25000 titles**

**Providing cultural cafés and live literary sessions within the library**

**8 specialized libraries and 100 annual culture and knowledge activities**

tection of Arabic, and preservation of cultural heritage.

**Main Library & Specialized Libraries**

The main library includes facilities and sessions that can accommodate 2600 visitors at any time, contains applications and modern techniques to dip in 1.5 million titles. The main library also contains eight specialized libraries, namely:

- Children Library: includes a space for reading stories and children’s books, knowledge yard for games, and other activities that contribute to expanding the awareness of children and making them love reading and instilling it as a lifetime habit.
- Youth Library: includes reading materials, techniques and applications which fit the concerns of the youngsters, as their design takes into account the spirit of youth.

and strengths. The library will also include specialized panel discussions in Arabic for its fans and adorers, as well as Emirati cultural sessions.

- International Library: includes books and publications that cover civilizations and cultures from all around the world, as well as new and diverse global issues, and promote a message of tolerance.
- Modern Library: includes newspapers, magazines and periodical publications, printed and electronic, devoted to most recent events and up-to-dates in the world.
- Multimedia Library: has a media center, places for 3D virtual reality and 3D printers, and places for the development of audio-visual content.

**Encouraging Reading**

It is an effort initiated by His Highness Sheikh Mohammed bin Rashid Al Maktoum, before the announcement of the library, through the launch of the Arab Reading Challenge, and through his care and follow-up of the Declaration of His Highness Sheikh Khalifa bin Zayed Al Nahyan, of 2016 as the Year of Reading. The Arab Reading Challenge aims at the teaching of reading when children begin to learn life skills in schools. Today, the associate members in the challenge have reached to 2.6 million students on the Arab world level, including 145000 students in the UAE, who are distributed all in 20000 schools and in 15 countries around the Arab world. It is intended to make Mohammed bin Rashid



Library a center and supporter of this leading Arab initiative, and providing a content and books for millions of the Arab students who will together read more than 125 million books in each academic year. The library will also host more than 100 annually events of knowledge, as well as cultural and educational festivals to keep reading a constant habit and practice in our Arab societies.

**Spreading Content**

Mohammed bin Rashid Library will not only provide the headquarter, building and activities, but also will carry knowledge and convey it to young readers and children who prefer reading via their mobile devices, and to all reading lovers who cannot access the library. Mohammed bin Rashid Library will provide an electronic library with two million volumes in all fields and suitable for all ages.

Mohammed bin Rashid Library will include the largest electronic Arab library, and one of the largest electronic libraries in the world, in an initiative to e-document knowledge and put it within readers' grasp wherever they are and whenever they want. In addition, the library will launch the largest audio library of Arabic content

which will serve modern readers who are prevented by the accelerating pace of their day from sitting down somewhere to read; hence, broad knowledge reach them during their daily movements, whether in vehicles or over the phone, as well as it will benefit the blind and illiterate people, especially the elderly who can no longer learn to read to review knowledge. Mohammed bin Rashid Library will deliver knowledge to the most places in need, as it will launch the initiative of printing and distribution of 10 million book on schools, universities and public libraries in the regions and countries which meet challenges in the availability of books and accommodation of libraries.

**Supporting Authoring & Translation**

The Arab world collectively just produces approximately 15000 titles a year, the equivalent of what is published by a country like Romania alone; which means that the Arab world needs to produce 20 times what is currently produced to catch up with the developed world; therefore, Mohammed bin Rashid Library will play a role in enriching Arabic content in an attempt to bridge the knowledge gap

between the Arab world and the developed countries in the world. The library will host Publishers Associations, hold events, meetings and workshops in order to raise the level of publishing career in the Arab publishing houses, enhance the content of the Arabic book, increase its availability and quality, expand its topics, ensure the alignment of the requirements of the times, and raise its attractiveness so that other cultures can take from it. It will translate 25000 titles from other languages into Arabic, in order to broaden the perceptions of the Arab reader, open his/her mind on other cultures' knowledge, literatures and creations.

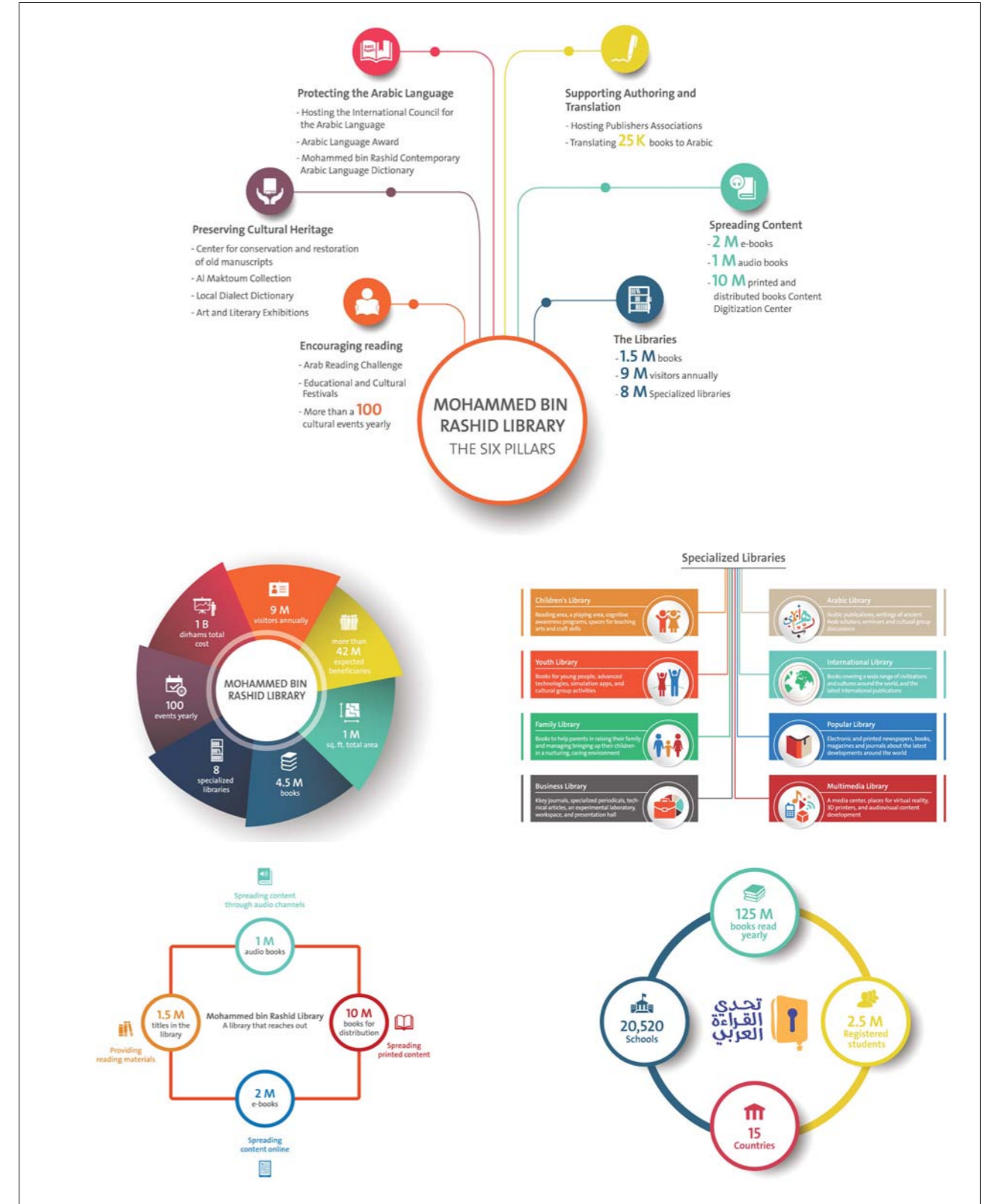
**Protection of Arabic**

The library will protect Arabic through hosting Arabic Language International Council. In addition, this column includes Mohammed bin Rashid contemporary Arabic dictionary project aiming to localize the new foreign terminology in order to ensure the continuation of the use of Arabic as a main language circulated in contemporary life, and the support of researches in Arabic. It will be the first dictionary of the Arabic language 60 years after the last Arabic dictionar-

ies were set, and will directly support the translation initiative in the previous column. In addition, Mohammed bin Rashid Library will lead an important role in appreciating workers in the advancement of Arabic by presenting prizes which worth up to AED 2.4 million a year, by hosting Mohammed bin Rashid Arabic Language Award. The library will consolidate the position of the UAE as a global center of excellence in Arabic.

**Celebrating Cultural Heritage**

Mohammed bin Rashid Library celebrates cultural heritage through a specialized center for the restoration and preservation of historical manuscripts, where visitors will be able to see the rare books by big screens in private rooms, so as to ensure their survival for future generations. The library will also have a special section containing the Al Maktoum family's rare historical collection, which includes a content and distinctive exhibits of the ruling family in Dubai, with their history and role in the rise of Dubai and the UAE, as the library will include places to display works of art and literature in celebration of local and Arab culture.





## Central Adjudication Completed .. Names of Winners Announced on March 23rd



### 'Al Tamayoz News' – Dubai

Hamdan bin Rashid Al Maktoum Award for Distinguished Academic Performance completed the second phase of Central Adjudication of the files which attained excellence level in the first phase of adjudication of the eighteenth session.

The second phase included interviews with nominated students and field visits to nominated applicants of other categories. Based on the interviews and visits, it is determined whether to approve the excellence level that has already been obtained by the student or to amend the same according to the evaluation process; thereafter, the winners and the order of their positions are determined.

The Board of Trustees approves and announces the names of the 18th Cycle winners on March 23rd; while the winners are honored on April 20th.

Maryam Al Shehhi, Head of Competitions & Adjudication Section in Hamdan Award said: "The first phase of Central Adjudication was theoretical, where the adjudication committees interviewed the participants in the category of Distinguished Student, to ver-

ify what has been stated in the application; they also visited participants in other categories, each in their field such as: Distinguished Teacher, Distinguished School, Distinguished Social Worker and other categories."

Al Shehhi stated that although the second phase of Central Adjudication is completed, adjudication process has not ended yet; rather, it continues until the announcement of the results on March 23rd, adding that the limitation of number of pages and size of attachments as well as the adoption of e-documentation helped facilitate the process of adjudication.

On the other hand, the adjudicators of the eighteenth edition stressed that the commitment to standards and reviewing previous winning files are among the most important causes that lead to success, noting that some applications did not match the required level, which necessitates the completion of deficiencies by the applicants in future cycles. The number of participations in the current cycle amounted to 473, including 371 local files from the educational zones, institutions of higher education and centers of social affairs in various categories. The

number of GCC participations amounted to 85, in addition to 17 participations so far in the category of Arab Educational Research.

The number of participations in the Distinguished Student locally amounted to 296 including 25 university students, compared to 365 participations including 18 university students in the last cycle.

In the Distinguished Teacher category, the number was 38 applications compared to 56 in the last session, with no application received for participation in the Highly Distinguished Teacher this year. The number of participations in the Distinguished School & School Administration amounted to 5, compared to 12 last year.

In the Social Worker category, the Award received one application, compared to 6 in the last cycle, while the number of applicants to the Distinguished Mentor category was equal in both cycles with two participations each.

The number of participations in Scientific Innovation category amounted to 4 in the current cycle compared to 5 in the last one, while the Best Applied Project files increased 33% to 8 compared

with 6 last year.

In the category of Educational Research, the number of participations amounted to 12 in the 18th Cycle, compared to 17 in the previous one, while in the Distinguished Family category, 5 applications were nominated, compared to 6 families in the last session. However, the Award did not receive any nominations in the categories of the Central Administration and the Distinguished Educational Zone.

On the GCC level, participations increased 13% to 85 participations, in comparison with the number of participations in the previous session which was 75.

The number of participations in the Distinguished School and School Administration grew 41% from 17 in the last cycle to 24 nomination applications in the current one, whereas the Distinguished Teacher participations decreased 8% to 23 in the current cycle from 25 applications last year.

The Distinguished Student category grew 16% from 31 files in the 17th Cycle to 36 ones in the current cycle. This year also the Award received two nominations in the Highly Distinguished Teacher from Saudi Arabia and Kuwait.

## One Day of Showing Lab Innovations by Hamdan Award 400 Visitors Attracted by Fab Lab UAE on Maker Day

### 'Al Tamayoz News' – Dubai

The digital Fab Lab UAE stand attracted 400 visitors during the participation of Hamdan bin Rashid Al Maktoum Award for Distinguished Academic Performance in the Maker Day 2016 event which was held at James Wellington Academy, Dubai.

The Award's participation comes within the framework of communication with the targeted to update them of the development of its latest project 'Fab Lab UAE'. It also aimed to promote creativity, innovation and fabrication culture, to access to the largest segment of the targeted from different age groups. The open-to-public event represented an opportunity to attract experts and specialists in various fields related to the Fab Lab UAE project, as well as to build a database by attracting students and professionals, and caring for outstanding students.

### Innovations

The Award presented the most prominent innovations of the Lab, where the visiting students, teachers, administrators, parents, experts, specialists and engineers were briefed on the project's various activities and services, in addition to the implementation of two workshops on the three-dimensional design and Arduino.

The Award launched the Fab Lab UAE project with several tracks by providing community centers (Fab Labs) that

provide all the segments of society with the opportunity to use the latest devices, tools and programs in the digital manufacture world. It is also envisioned to equip schools with small laboratories that provide students with the digital technology and direct their tendencies to acquire digital knowledge as early as possible. Such efforts lead to instilling innovation seeds in students and expanding larger horizons before them to transform their dreams into reality.

### Incorporation

Fab Lab UAE is the first comprehensive lab in the UAE officially founded in accordance with the international standards and specifications adopted by the Fab Lab centers. It aims at keeping up with the orientations adopted by the UAE to attain the lead position internationally in the field of innovation and spreading the culture of creativity, innovation and digital manufacturing in all segments of the UAE society, in addition to the creation of innovation-stimulating environments, and encouraging universities and schools to consolidate the methods of research, investigation and exploration in the new generations. Other objectives also include the qualification of future generations to access the digital world through technology and preparing national assets that will lead the future in the field of innovation.



## Announced in Various Local Media Hamdan Award Launches Campaign to Spot Talented Students in UAE

'Al Tamayoz News' – Dubai

Hamdan bin Rashid Al Maktoum Award for Distinguished Academic Performance has launched a campaign to spot talented students in the UAE, to sponsor them and provide the educational services and programs that develop their talents. The Award announced the campaign in various local media aiming to identify and detect talented students aged 9 to 15 years, as well as providing the appropriate care programs for gifted after spotting them.



The campaign targets talented UAE national students in public and private schools from the age group 9 to 15 years. The Award's conditions included that the student is a citizen of the United Arab Emirates (males and females), from the age group of 9 to 15 years old, and to be talented in the areas of: (mathematics, Arabic language, science, technology, social studies, Islamic education, and scientific innovation). The candidate student shall have an IQ above 120, according to the approved and applied tests in the Award. Accepted students will be enrolled in the enrichment programs offered at Hamdan bin Rashid Al Maktoum Center for Creativity, which are offered during school holidays and on the weekends, wherein the students receive a variety of experiences in Mathematics, Science, Information Technology, Engineering and Arts). These programs develop students' abilities and talents to reach a high level of self-realization and excellence, helping them to identify and develop their needs according to the international standards and the requirements of the twenty-first century to prepare them for the future. Individual and group guidance programs are also provided for gifted students through the consulting talent unit, to achieve integrated care for gifted students. Basic skills in building relations are developed for the highly effective people. The student's self-confidence are enhanced, to be empowered to raise communication strategies, in addition to improving their basic skills, and training on the practical application of communication patterns, to give students a set of values such as brotherly relations, self-initiative, tolerance, effective communication, altruism, loyalty, etc. in order to achieve a balanced harmony in all aspects of the student's personality. Educational programs for parents of gifted students are also offered through the consult-



ing unit, where the program is aimed primarily at educating parents on the psychological, mental and social needs of their children, and to work to develop their potential and support their abilities. The Award seeks to enrich the UAE's efforts in the field of giftedness. It established a center for talents in September 2001, which worked on discovering and nurturing talented students in the UAE through the development of enrichment courses and programs to improve the talented students' level in all humanitarian, social, economic and technical disciplines, as well as disseminating a culture of talent in collaboration with the educational and interested institutions in the welfare of talents locally, regionally and internationally. Discovery programs were represented in the launch of campaigns for talented students, providing various welfare programs for them through multiple programs including several forms of care as in: training workshops, field training, seminars, school care, individual programs, visits, scientific trips, and sports and leisure programs. Throughout its lifetime with giftedness since 2001, the Award accomplished a lot of achievements and successes that have contributed to the enrichment of the educational field in the area of talents.



Specialized Book Commissioned  
by Hamdan Award  
**'Development of Social  
& Psychological Skills of Talented'  
Enriches Arab Educational Library**



**Dubai – Faten Matar**

Gifted Welfare Department at Hamdan bin Rashid Al Maktoum Award for Distinguished Academic Performance has issued a book entitled 'Development of Social & Psychological Skills of Talented', authored by Dr. Osama Hassan Mohammed Maajini, as commissioned by the Award. The book's author, Dr. Maajini, is specialized in the care of talented, associate professor of talent and mental superiority at the Department of Special Education, and deputy dean at the Faculty of Education for Graduate Studies and Scientific Research at King Abdul Aziz University in Jeddah, Saudi Arabia. He is one of the best Arab academic cadres specialized in this field to prepare the required program, which has been done to the fullest.

Dr. Jamal Al Muhairi, member of the Board of Trustees and Secretary-General of the Award, said in the foreword to the book: "Being a leader in the care of talented locally and regionally, and out of its responsibility towards society and educational institutions, Hamdan bin Rashid Al Maktoum Award for Distinguished Academic Performance is always keen to support whatever improves the services provided to gifted students, and provide them with comprehensive care."

"The book is considered as one of the important projects in the National Plan for the Gifted, whose implementation was ensured by the Award, to meet the needs of the Arab and national community, to enrich the educational field and library in the Arab world, and to provide the interested specialized institutions in taking care of talents in an effective scientific methodology", he added, hoping it will be a scientific reference for the field of education, academic institutions and interested parties in the development of education related to talent.

**Book Chapters**

The book talks about the definition of talent and talented, determining their traits and characteristics, needs and problems, and the ways of spotting talented students and their programs and curricula, as well as training and qualification of their teachers, and Arab interests in this category.

The author begins with an introduction which highlights the importance of a talent: "Talented people represent expensive wealth in society, and they should be looked for, sponsored and developed through various ways and programs to ensure their continuous achievements. It is also necessary to investigate their needs and problems to work on meeting these needs, and identify more characteristics and factors that influence their talent, to preserve their development, creativity, and promotion of society to the best in various fields."

"The talented is a category which exists in every society, and we must make efforts to spot them and identify their characteristics, taking care of them, and guiding them, as well as educating and guiding their families and teachers, and providing an appropriate family and educational environment for the development and refinement of their talents, which help them to grow and develop. This will contribute to the development and emergence of society; therefore many countries and peoples showed interest in the talented to prepare them to be the future scientists, inventors, leaders, writers and artists, through proper planning, organization and implementation of a high-level quality to take care of them," added he.

**Problem Solving**

He explains that the talented are considered as a source of



a way which can contribute to the development of society and ensure security, stability and future.

He points out that with the world's entry of the third millennium, which is a revolution in knowledge, communications, technology, and the concomitant changes which included all aspects of life (political, economic, and social), whose impact was reflected on the educational process; both developed and developing countries sought radical revision of their educational systems in order to develop the appropriate programs and strategies to keep up with all the changes and up-to-dates. The most important thing they have done was working on special programs for gifted and distinguished students. The educational process of talented and distinguished has recently started at the beginning of the twentieth century, and increased in the seventies till the concept of nurturing the talented and distinguished expanded to include more than IQ signs that were adopted to detect them. The American Bureau of Education defines the 'distinguished person as: a person with high performance in comparison with the age group to which he belongs in one or more of the general mental, technical, leadership, creative, academic, and physical capacities.

**Social & Psychological Skills**

Dr. Maajini mentioned that when we talk about social and

psychological skills related to the talented, we mean those skills that have not received sufficient interest from the educational sector. This lack of interest is due to the lack of guidance and training programs which upgrade the talented in the field of education in general, and social and psychological skills in particular, which in turn helps them to get rid of psychological, social and academic pressures resulting from lack of caregivers' understanding in the educational process.

"The current scientific and technological progress dominating communities necessitates the development of programs to prepare trained scientific competencies with high mental abilities that are not available in ordinary people, as well as the development of parallel programs to prepare the teachers assisting them in the educational process", he adds.

He also believes that paying attention to the talented student should not be limited to providing them with educational and health, nor facilitating their living opportunities; rather, it must be extended to social and psychological aspects, and their improvement and development. Social and psychological characteristics help individuals to look at their successful and failing achievements in light of their abilities, effort, and perseverance to achieve their objectives, and the desired results. Hence, learners can be assisted to take advantage of their abilities, and create the suitable educational and psychological environment and climate for the growth of the emotional - social side, as well as their positive personality traits. Therefore, psychologists' interest focused on studying human behavior in general, and the driving motivations of people which direct them to carry out their role in life in particular. Here these motives occupy a main domain in all psychological systems presented by psychology till now.

On the other hand, interest in the talented has entailed fur-



**The book defines talent and the talented, their traits, characteristics, needs and problems**

**The version addresses talent detection methods, their curricula, and training and qualification of their teachers.**

**The author relied on many Arab and international studies to support his views**

ther studies on their social and psychological characteristics, and the helpful factors of their superiority, although attention has focused for so long on the mental aspects of the interpretation of attainment and high superiority of these talented and forecasting their success. It turned out then that success prediction on the basis of brainpower alone is risky because it was found out that the attainment of numbers of students of high IQ was lower than their mental level; which indicates the presence of non-cognitive factors of major importance behind the excellence in academic attainment. But the curricula in our schools are still focusing on the cognitive side, and he who hears or sees what is going on in the classes of our schools will find a stream of facts, equations, lists, places and dates which are unloaded by teachers in their lectures with little concern for the emotional-psychological aspect of the teaching-learning process. Dr. Maajini concludes that differences in individuals lie not only in cognitive abilities, but also in the social and psychological traits, which is confirmed by Graves through his findings in the studies of talent personality, and his focus on

the personal aspects which include: self-awareness in school efficiency, self-responsibility, anxiety level, and the concept of 'self'.

**Attributes of Talented**

However, some researchers highlight the importance of other attributes in the individuals' personality, represented by significant factors behind their excellence and superiority, such as self-confidence and leadership, in addition to perfection, which explains failure experienced by some individuals in social situations (despite their tremendous mental capabilities), as well as the inability of investment of opportunities for successful social relationships with the people around, and failure to achieve the appropriate position at work or educational attainment with colleagues and peers, or in efficient communication with others, which lead to social isolation and shyness in social interaction situations. All this would be an impediment to the superiority of the individual lack of self-realization. The author draws the attention that many studies, like Titi Walters, confirm that children and adolescents who lack psychologically and socially posi-

tive personality traits show a high rate of hostility and deviations of behavior and have difficulty in mingling with peers. They are also exposed to other academic problems including dropping out of school, poor academic achievement with their consequent of multiple social and psychological problems in the future of their lives. He goes further that other studies such as the Dan Levy and Frei study demonstrate the importance of personal attributes, and their clear impact in the success of social relations between the individual and others, and their contribution to a positive role in the confirmation of the mental health of the individual and social compatibility, in addition to his/her success in life in general and in academic and practical life in particular.

He stresses the usefulness of paying attention to social and psychological skills and other personal attributes, and discovering them in talented students. As well, he shows the limits and direction of their association with mental talent; which identifies the features and axes of the current program.

**Talent & Excellence**

The author points out that there is a difference in the definition of talent and excellence due to the different perception of their components and the factors influencing the two. Arabic and English dictionaries agree on the definition of the talent from a linguistic point of view, as an exceptional ability or unusual innate willingness in the individual; while the word excellence is mentioned as a synonym of the word talent in the meaning of inherited or acquired ability, whether mental or physical ability.

He also says that educationally or idiomatically speaking, there is no agreed definition among researchers, educators and other stakeholders, as well as the state of confusion and lack of clarity in the use of different words to denote the ability or extraordinary performance in a field. There is no difference between academic and others; words such as (talented, superi-



or, creative, distinguished, etc.) are usually used in the sense of one or different and unspecific meanings. It is no secret that this situation makes the task of researchers and educators more complicated in determining of the concept of talent and excellence from an educational perspective.

**Qualities & Traits**

He explains that the talented and superiors aren't less diminished in terms of emotional stability than their normal peers. Studies indicate that harmony rate among the talented and the superiors is higher than it is in the ordinary. Other studies reported that some social traits such as honesty, self-reliance and self-confidence are of the positive traits that have a repeated presence among the talented and superiors more than the negative traits.

With regard to social and cultural background, Terman has found that most talented people come from families enjoying a high economic and social level. Studies have indicated that the talented enjoy family environment characterized by independence and democracy, and they generally belong to families enjoying a higher cultural level than ordinary students.

According to the author, knowing the properties of the talented is an important factor for student, family, school and society, as it contributes to self-discovery, identifying the fields of concern, mitigating the problems and suffering which may be faced by the talented due to a lack of understanding by others, and alleviation of vulnerability towards sarcastically peers. Besides, family awareness and knowledge of the characteristics of its talented person contribute to the development of its ability of noting these characteristics and dealing with them positively, observing the talent characteristics of the child, monitoring them so that they are developed and improved, and avoiding malpractices that might impede their brilliance, in addition to promoting properties of the child's talent through providing sources, enriching environment which can support his areas of excellence, and working on directing him/her to the appropriate activities.

**Appropriate Services**

He also points out that developing the awareness of the behavioral characteristics that talented students have and taking them into account in the course

of learning and teaching process, contribute to identify talented students and detect them, choose adequate educational and indicative programs, provide appropriate educational services within the regular class to meet the needs of gifted students, and making community aware of the characteristics of talented students, which in turn helps to better understand the nature of this category and support its upbringing.

The author highlights the characteristics of the talented stating: "Talented students are characterized by a variety of educational features that make them different from the ordinary ones; notably, they are faster than the ordinary in their learning for subjects and necessary skills, they think more about what they are learning, and they are faster than the ordinary in their ability of inference, conclusion, generalization, and passing many steps quickly to reach the learning objective they seek to achieve. Thus, they are better able to tolerate ambiguity and to deal with abstract ideas; no doubt that such qualities will make them learn very quickly in comparison with other ordinary students."

The author also mentions other properties for the talented including: They are easy to learn compared with their normal peers who are the same age, they are able to benefit from previous experiences and link them to their learning now, which makes it easier for them to learn; and talented students are featured with diverse interests, contrary to what many people think that they are creative in one area. They are curious to know everything in the various domains, and they have a clear thirst to know everything and be familiar with it; therefore, we find them familiar in many areas of knowledge. Finally, the book contains rich and important information about the talented and everything related to them, which is an open invitation for parents and professionals of educators to read it and take advantage of the information contained therein.