

First: In the Field of Higher Education

1- Facing Crises and Radically Solving Them

- Solving the crisis of increased fees of the AUC by facilitating students wishing to join community and private universities.
- Reaching a radical solution for the crisis of Nile University and Zewail City by reaching a compromise between the two sides.
- Solving Beirut Arab University crisis and signing in Beirut a new agreement concerning its Alexandria branch
- Solving Elmenia university hospital crisis by equipping the liver hospital with 120 beds and providing 70 million pounds as financial support.
- Solving the first crisis of Arish university students by coordinating with Suez Canal university and other universities and institutes to host them
- Dealing with North Sinai students during the Comprehensive Operation Sinai 2018
- Facing the aftermaths of some accidents and initiating operation rooms for providing all forms of health care for the injured (blowing up of the two churches in Tanta and Alexandria, assaulting the Menia bus)
- Dealing with the crisis between the people's assembly representative and Fayoum university worker to ensure the sanctity of the university campus

2- Political Communication

- Designating Mondays to meet the people's assembly representatives and answer their requests and solving complaints of their constituencies' citizens
- Attending 99 specific committees of the people's assembly or delegating professionals from the ministry
- Answering 95% of the information requests and questions and discussion requests which are 159 in number.

3- Societal Communication

- Establishing the media center in the ministry which fend off round the clock rumors related to the educational process and causing confusion in public opinion by dealing with them through the ministry's website.
- Following up the uniform governmental complaints gate link as 3500 complaints are received and activating the official website of the ministry and answering questions through “ You ask and the minister answers”

4- Field Visits and Academic Activities

- Visiting 16 state universities, 8 community and private universities, and 6 institutes
- Visiting sites of universities in the new administrative capital
- Visiting the construction site of King Salman university in South Sinai

5- Cultural Relations and International Cooperation

- For missions and scholarships:
 - Three calls for scholarships in Japan, Egyptian-Japanese initiative educational scholarships in education and health sectors

- Increasing the number of mission students
- Collaborative protocol with Misr Bank and National Bank of Egypt to support researchers
- Increasing scholarships of Russia, China, Hungary, Finland and others.
- Resuming programs of Newton-Musharafa (England), DAAD (Germany), Misr Elkhair foundation for training the educationally advanced.
- For foreign students
 - Increasing the number of foreign students from 2012-2017 up to 91000 with a profit of 186 million dollars (targeted profit 700 million dollars)
 - Facilitating the procedures for the students of Palestine, Sudan, Saudi Arabia, Kuwait and other countries
- Cooperation with regional and international organizations
 - Cooperation with UNESCO
 - Meeting with deputy director general of UNESCO to discuss cooperation mechanisms
 - Participating in the executive assembly meetings in Paris in April 2018.
 - Cooperation with other regional and international organizations
 - Meeting with representatives of Francophone university agency, AID, EU, Fulbright, DAAD and JICA
 - Agreeing to establish the Egyptian Korean Technological College in Beni Suef

- Meeting the publication official of Elsevier to renew its contract to evaluate the performance of Egyptian universities
 - Cooperation at the African level
 - Inaugurating food contaminants and health risks in Africa
 - Meeting the African Development Bank delegation to explore cooperation mechanisms in the fields of joint interest
 - Meeting the director general of African innovations foundation at the sidelines of the third African forum for science and technology
 - Cooperation with sisterly and friendly countries
 - Meeting with officials from sisterly and friendly countries to explore joint cooperation
 - visiting these countries to enhance mutual relations and to attend higher education related activities.
- 6- Providing and Expanding Educational Services
- a- State Universities
- Establishing 20 faculties and institutes within 11 state universities and initiating the study of 21 distinguished programs
 - Establishing the Egyptian college for technological applications in collaboration with university and institute of Beijing for information technology and Misr Elkhair foundation
- b- Community universities

- King salman university, Galala university for science and technology, Glala Blateau higher academy for science, International Alamein university for science and technology
 - The number of Community universities is being expanded to reach 32 by 2030
 - Launching the construction of New Mansoura university as from 2019/2020
- c- International universities in the New Administrative Capital
- They include Canadian universities' complex, European universities' complex, Hungarian university complex, science and Innovation City
- d- Technological universities
- Establishing 8 technological universities
- e- Private and community universities and private institutes
- A presidential decree was issued to establish faculty of law within GUC
 - Private universities council has approved the establishment of 6 new private universities
 - Launching the study of new distinguished programs at the first university and postgraduate levels within a number of faculties
- 7- Enhancing Student Activities and Services
- Finishing the student statute
 - Implementing the annual plan of the university sports association
 - Various student activities such as

Joint sports day for students of university sports association and military faculty

- Organizing student visits to the major national projects (something new every day initiative) in collaboration with ministry of military production, armed forces engineering authority and popular defense force leadership
- Enhancing student and therapeutic services in collaboration with civil society
 - Rehabilitating and developing Helwan leadership qualification institute
 - Rehabilitating the general department of foreign students and central department of private education buildings

8- University Hospitals

- Collaborative protocols to enhance the mission of hospitals and cater for their needs with Hear us foundation, Egyptian society for healthcare and others
- Laying the foundation stone for the medical complex of Helwan university and inaugurating new medical facilities within Kafr Elsheikh and Elmenia universities
- Sending medical convoys to a number of African countries as well as to remote governorates of Egypt

9- Legislation, Performance Regulation, Upgrading, and Corruption Combating

- Meeting with higher education and scientific research workers to set a new vision to upgrade the work system
 - Establishing a crisis management department to deal with any accidents and emergencies.
 - Upgrading the electronic admission link
 - Setting rules for vocational education using the electronic integrated learning system
- 10- Important Meetings with President of The Republic
- In June 2017 to present the ministry's plan for higher education and scientific research
 - In August 29, on the occasion of science Day to honor the state's prizes holders and first graduates
 - In February 10, on the occasion of African ministerial forum for science, technology and innovation
 - In March 24, on the occasion of launching by the president of the national scientific research conference entitled "Releasing the Egyptians' capacities"

Second: In the Field of Scientific Research and Technology

- 1- 2030 Uniform National Strategy for Science, Technology and Innovation:

The ministry of higher education and scientific research has set this strategy with a view to:

- Agreeing to a general framework for national action plan in which research institutions enhance the state's sectors and society to improve national industry competitiveness and to increase the local component through transfer and settlement of technology
- Finding contact channels between research units within ministries and contact channels between them and service and production sectors
- Orienting research expenditure to projects related to the needs of society sectors

A workshop: Towards a Uniform National Strategy for Scientific Research in Egypt

- Meetings and workshops attended by representatives of the state's centers, institutes and research agencies
- Working on the strategy second track which is aimed at producing knowledge and transferring and settling technology across priority projects in fields of energy, water, agriculture, food, environment protection and others.

2- Infrastructure of Research System

- Supporting the establishment of 56 central labs with 240 million pounds

- Inaugurating a network of central labs and medical excellence center within the national research center
- Launching the greatest refurbishing and maintaining processes in the history of the ministry

3- Legislation Performance Regulation

- Upgrading legislations such as Egyptian space agency law, modifying Zewail City law, science and technology incentives law

- Quality regulation

Some agencies have obtained the ISO 9001 such as the academy of scientific research and technology

And some labs of petroleum and metals and national center for research, gauging and standardization are accredited

4- Agreements, Collaborative Protocols, Workshops and Conferences

- Bilateral meetings to enhance cooperation
 - Meeting the executive officer of the science and technology forum of Japan and director of international innovation center of China

- Signing collaborative agreements

Between the national company for fish wealth and aquatic creatures and the Mauritanian government, between Nile university and electronics research institute, between Zewail city and electronics research institute, between

national research center and springer publication house

- Workshops, meetings and conferences

Attending and inaugurating about 55 workshops and conferences

5- Cooperation with International Research Institutions and Agencies

- Africa

- Hosting the 3rd African ministerial forum for science , technology and innovation with 35 African countries participating
- Participating in the council of Pan Africa university

- China

- Participating in the 2017 G20 international creative innovation forum

6- Taking Care of the Talented and Innovators

- Honoring the distinguished professors, researchers and students

- The student Nancy Karem, the winner of the best research paper in the international cancer competition
- The Egyptian team composed of 14 students and researchers, the winner of Geneva 45th international exhibition for innovation and invention awards
- The winners of excellence contest for research outputs

7- Research Centers, Institutes and Agencies

- Field Visits e.g. scientific research and technological application city and Theodor Belharz institute
- Service And Societal Role of Research Centers, Institutes And Agencies

Ophthalmological research institute (operations for the poor and medical convoys to governorates of Egypt and medical convoy of the national research center to Berani and Elsaloum cities in Mersa Metrouh governorate

- Academy for Scientific Research And Technology
 - Research achievements at the internal level: such as allocating 300000 pounds for each university participating in the slums upgrading project
 - Launching new research contests, initiatives, programs and activities: such as launching the second season of the TV program “Cairo Innovates” with 700 innovators participating, launching the 2017 Cairo 4th international exhibition for innovation with more than 4000 visitors, launching the 15th scientific research competition with 150000 pound awards and establishing a prize for women in the field of scientific research

8- Indexes for Science, Technology and Innovation

- At the international level: - increased curve of the scientific publication of universities and research institutions by 16.4% -Egypt has occupied the 24th rank out of 106 countries in the 2017 nanotechnology publication as well as many advanced ranks in various

sciences according to SCIMAGO and has excelled in 59 specialties.

- At the internal level:
 - funding 166 research projects and 33 outside scholarships by the STDF
 - Providing 7 million support for students' projects by the academy for scientific research and technology
 - National research center researchers have obtained three research patents related to solutions to contamination and energy problems
 - Making a documentary film on scientific research in Egypt which presents to the Egyptian and foreign public opinion and to the the history, Activities and importance of all centers, institutes and agencies in Egypt.
 - Scientific research spending: Egyptian national scientific research spending has risen over the five past years from 8.52 billion pounds in 2012 to 19.19 billion pounds in 2016.
 - Number of patents: The number of patents granted to Egyptians has reached 98 in 2017
 - the number of the scientific articles published at the international level: Egypt has been ranked as the 35th country out of 233 in the scientific publication
 - Number of researchers: has reached 127700 in different sectors
 - Number of Egyptian universities ranked among the best in the famous world university rankings: A committee has

been formed to upgrade the world ranking of Egyptian universities.

9- Enhancing Innovation, Linking Scientific Research with Society's Needs and Deepening the Local Industrialization:

- Technological Applications and Marketing: 6 technological incubators, 6 technological offices, 7 technological alliances, and marketing 18 technological outputs
- Energy: two experimental stations for solar energy concentrating units in Belbais and Alexandria
- Water: establishing a national alliance for deepening local industrialization in desalinating water at an annual funding of 10 million pounds
- Food and agriculture: Upgrading the technology of storing wheat in plastic silos at the local level which have reduced the waste to 2%, don't use chemicals in evaporating and have better quality and are less costly than metal silos
- Space: designing and establishing the first educational satellite for Egyptian universities to improve the competitiveness of universities in the field of space technology
- International Cooperation: the fruits of Egypt's return to Africa are the chairing by Egypt of the African union office for science and innovation, granting annually three prizes to African young

researchers and offering training programs on epidemic diseases diagnosis and foundries

- Infrastructure and Capacity building:
 - Supporting the establishment of 56 central labs at 45 million pound funding in universities and research centers and institutes
 - launching the 5th session of next generation scientists scholarships
- Scientific Networks: Launching the National Specialized Scientific Networks at 1.5 million pounds each.