



Prof. Dr. Mohamed Ayman Ashour

Minister of Higher Education & Scientific Research

Contact

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Languages

- Arabic
- English
- Russian

Education

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| 1993 | PHD in Architecture and Housing – Institute of Architecture, Moscow |
| 1986 | Master of Architecture - Faculty of Engineering –Ain Shams University |
| 1985 | Postgraduate Diploma in Urban Planning and Housing from the Institute of Housing Studies – Rotterdam – Netherlands |
| 1984 | Preliminary Master- Faculty of Engineering –Ain Shams University |
| 1982 | Bachelor of Architecture – Faculty of Engineering –Ain Shams University |

Work Experience

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| 2022- present | Minister of Higher Education and Scientific Research |
| 2019 - 2022 | Deputy Minister of Higher Education and Scientific Research for University Affairs |
| 2014 - 2019 | Dean of the Faculty of Engineering, Ain Shams University |
| 2013-2014 | Vice Dean of the Faculty of Engineering, Ain Shams University for Post Graduate Studies and Research |
| 2009 | General Coordinator of the Department of Architecture for International Agreements and Protocols |
| 2007 | Joint Professor for many local and international universities |
| 2005 | Professor of Architecture and Urban Planning and Housing – Department of Architecture- Faculty of Engineering, Ain Shams university |
| 2003-2009 | Director of Architectural Designs, Studies and Research Unit, Engineering Consultancy Center, Faculty of Engineering |
| 2000-2005 | Associate Professor, Department of Architecture, Faculty of Engineering, Ain Shams University |
| 1993-2000 | Lecturer, Department of Architecture, Faculty of Engineering, Ain Shams University |
| 1987-1993 | Associate Lecturer, Department of Architecture, Faculty of Engineering, Ain Shams University |
| 1982-1987 | Demonstrator, Department of Architecture, Faculty of Engineering, Ain Shams University |

Academic Experience

- Visiting Professor at the University of Clemson, USA
- lecturers on Arab cities and their urban problems inside and outside Egypt, Saudi Arabia, Spain, Turkey and the United States.
- Supervised several scientific papers (Master and PhD)
- Member of arbitration committees for many researches and scientific papers in Egyptian and foreign universities.
- He has more than 30 scientific researches published in local and international journals and periodicals.
- Supervised many research activities and joint projects related to environment and community service
- Participated as a co-sponsor of the first and second international scientific conferences of the Department of Architecture at Ain Shams University, held at the J W Marriot Hotel in 2006-2008.
- Organized several international scientific seminars in the Department of Architecture and Faculty of Engineering. The most recent scientific symposium was held in the conference hall of the Faculty of Engineering - Ain Shams University in 2010 to develop the cemetery area in central Cairo in the framework of future vision of Greater Cairo.

Professional Experience

- Member of the Board of Directors of the Silk Road Research and Studies Center for five years.
- Director of the Technical committee for following up the construction of national projects to establish universities and educational and research institutions according to the Ministerial Decree 1142 dated 02-04-2018.
- Member of the Supreme Technical Council for Urban Harmony.
- Member of the Supreme Council for Planning and Urban Development headed by the Prime Minister. This committee is responsible for strategic plans for urban development.
- Member of the Board of Directors of the Medical Center of Egypt Railways
- Member of the Board of Directors of the Organization of Upgrading of informal Settlements (NGO Non-Governmental Organization).
- Consultant for the comprehensive development plans of several governorates (Luxor governorate - Beheira governorate (Rashid city) - 6th of October governorate - Hurghada governorate - Ismailia governorate).
- Consultant (A) in the General Organization for Physical Planning (GOPP), Ministry of Housing, Utilities and Urban Communities.
- Consultant Engineer, Member of Egyptian Engineers Syndicate, Architecture Division.
- Member of Egyptian Urban Planning Association.
- Member of the Egyptian Architects Association.

- Chairman of Consultancy Office ArchPlan International, an integrated office in the fields of urban development, urban planning, architecture, economic and environmental feasibility studies, project management and infrastructure studies (1993 and present). Through this office, he participated in several important national projects based on strategic planning and comprehensive development of Egyptian urbanization.

Achievements

- **As Director of the Design, Studies and Architectural Research Unit at the Faculty of Engineering, Ain Shams University, Prof. Ashour carried out many projects of a National nature, in order to emphasize the role of the University in the development of community service and the environment and such projects, for example, but not limited to:**
 - Development of the area of the Karnak Temple Square in Luxor in cooperation with the Ministry of Culture
 - The discovery of the avenue of the rams as an important archaeological center in the city of Luxor to turn the city into an open museum and a heritage district in cooperation with the province of Luxor.
 - The future and urban vision of the Eastern Extension Zone of the railway in Luxor on an area of 500 acres as a future urban extension area for Luxor in cooperation with the Urban Planning Authority at the Ministry of Housing.
 - Preliminary design and preliminary project for floating hotel marinas in Luxor to accommodate 180 floating hotels with basic services in cooperation with the Ministry of Tourism.
 - Developing 300 passenger stations for Egyptian railways in all Egyptian governorates (excluding Ramses and Sidi Gaber) with a total cost of LE 1 billion in cooperation with the Ministry of Transport.
 - Future vision for the development of the Khufu axis link between the League of Arab States Street in Mohandeseen and the Pyramids Heights area in Giza in cooperation with the Urban Planning Authority at the Ministry of Housing and under the supervision of Giza Governorate.
 - Contributed through the management of the Unit of design, studies and architectural research by the efforts of the unit in the establishment of the first digital studio to serve the students of the Department of Architecture and also to develop some of the halls of the Department and the sponsorship of scientific conferences organized by the Department of Architecture.
- **Prof. Ayman Ashour is the founder of the consulting firm Archplan International, and a founding partner in the Urban Development Alliance 5+ UDC. Together with his team, he contributed in several National projects:**
 - **Strategic and Urban Planning:**
 - The strategic plan for the new administrative capital of 170,000 feddans is a pilot project in the future Egyptian urban design. It includes the new headquarters of ministries, government departments, the cabinet, parliament, financial and business centers and economic activities. beside residential areas, service and leisure.

- The general and detailed strategic plan and outputs for the cities of 6 October and Sheikh Zayed to become one city.
- Dar Misr Family Housing Project, the national project for housing for middle-income families. The number of housing units in this project is 150 thousand housing units with areas ranging from 120 to 150 square meters.
- Updating and preparing the master plan for Luxor City, funded by UNDP, and the Ministry of Housing, Utilities and Urban Communities, Egypt. The project is planned to accommodate about 2,500 acres to accommodate about 200 people with a total density of 80 individuals / feddans with the provision of services, housing, infrastructure networks and infrastructure in the city.
- Oman Economic Zone (Sultanate of Oman), Preparation of the strategic plan for the central economic zone in the west of the Sultanate of Oman on the UAE-Saudi border with a total area of 400 square kilometers.
- Preparation of a comprehensive development plan for the heritage city of Rashid and turn the heart of the city into an open museum and a heritage neighborhood for the province of the lake and the Ministry of Housing and Utilities and Urban Development.
- Duqm, Preparation of the strategic plan for Duqm City in the central region - Sultanate of Oman.
- Dammam, Preparation of the Strategic Plan for the Eastern Region of the Kingdom of Saudi Arabia (Dammam - Al Zahran - Al Khobar).
- **In addition to many architectural projects and integrated architecture inside and outside Egypt, for example:**
 - The first residential neighborhood in the new administrative capital (about 25000 units) on an area of 1000 feddans. It is the first integrated residential district to be established in the new administrative capital. It includes various housing models starting from residential units with areas of 130-160 square meters. Square meters in addition to all the basic services of the residential neighborhood.
 - Architectural planning and architectural design for three different investment zones for the handicraft, art, food, light and medium industries with areas ranging from 20 to 50 feddans in Banha, Mit Ghamr and Al-Saf.
 - Housing project of the Social Association of the Public Prosecution in the area of Andalusia - New Cairo, a housing project on an area of 50 acres different areas.
 - The headquarters of the Development Authority of Tenth of Ramadan City with a total area of 20 acres.
 - The General Prosecutor's Office in New Cairo on an area of 2000 square meters

Research Projects & Workshops

- Research project in the use of wood and natural materials in construction in partnership with the Munich University of Technology in Germany.
 - Developing an Ideal Prostheses for the Rehabilitation of Vision" funded by the Fund for Science and Technological Development of the Principal Investigator Dr. Saif El-Din Mohamed El-Dulatli 2016.

- A joint project between the Faculty of Engineering and the Ministry of Environment for the preparation of a feasibility study to improve the environmental conditions and palm trees care and economic use of its secondary products in oases 2015.
- A joint project between the Faculty of Engineering and the Bavarian Group in the implementation of the manufacture of the first environmentally friendly electric bus, through the active participation of the technical support team for automotive engineering in the faculty.
- In May 2018, Siemens International a granted an award to Ain Shams University, Cairo and Alexandria. A package of advanced industrial software to manage the life cycle of different products under the patronage of the Minister of Higher Education and Scientific Research. Shams and Alexandria) a package of industrial software in the presence of the President of Siemens International.
- A joint research project between the Faculty of Engineering, Ain Shams University and the Misr Al-Khair Foundation for the implementation of the local design and manufacturing project for a small high-efficiency wind turbine with a publisher for use outside the electricity grid.
- The tripartite cooperation program between the Department of Architecture of the Faculty of Engineering - Ain Shams University and Clemson University in the United States of America and the University of Wuhan City, China. The workshop was held at Clemson University in the United States from 09/02/2019 until 20/02/2019, And to sign a protocol to that effect.
- Organizing a workshop entitled "Capacity Building for Sustainable Development of the Built Environment (BC-SDBE) Training Towards Entrepreneurship for Sustainable Development", in cooperation with the University of East London, within the framework of the agreement concluded in the presence of HE Minister Higher Education and Scientific Research

Awards & Recognitions

- The Organization of Islamic Capitals and Cities - Ankara - Turkey - in 2007 on the overall development plan for Luxor.
- Second place for the development of the Market Street in Luxor City from Cityscape - Abu Dhabi, UAE in 2010.
- He was selected by the Research Center of the French Ministry of Foreign Affairs for 2010 as a pioneer of urban sustainability in Egypt and published in a book under the title **Le Caire - réinventer la ville**
- International architectural competition for the design of the Municipal Theater Project, Salalah, Dhofar Governorate, Sultanate of Oman, 6000 chairs, **first prize.**
- Architectural competition for the design of the administrative building and headquarters of Delta Insurance Company Nawal Street, Dokki, Giza, Egypt, **first prize.**

- Architectural competition for the design of models of free housing, typical models of 90 m² and 120 m², for implementation in the Ministry of Housing projects, for the research and studies department at the Ministry of Housing, Egypt, **first prize**.
- Architectural competition for the design of the Faculty of Arts Mansoura University. Mansoura, Dakahlia, Egypt, **first prize**.
- Architectural competition for the design of the Lawyers Syndicate Headquarters, Ramses Street, Cairo, Egypt, consisting of 3 basement floors, ground floors and eleven floors with a total estimated cost of 60 million Egyptian pounds.
- A planning / architectural competition for the planning and design of a rural tourist village at the entrance of Sadat City on the Cairo-Alexandria Desert Road, owned by Menoufia Governorate on a 20 acre surface, **first prize**.
- Architectural Design Competition for Administrative Commercial Building, Sidi El Metwally Street, Alexandria City Center. It consists of 2 basement floors, three commercial floors and five administrative floors with a total area of 14500 square meters, owned by the Saudi Egyptian Company for Construction, at a total cost of LE 25 million.
- Architectural Design Competition for the main building of the Agricultural Development and Credit Bank, Dokki, Giza, consisting of 2 basement floors, ten administrative floors and a hotel floor, at a total cost of LE 85 million, **a third prize**.
- Planning competition for the planning and design of the extension of the city of Fath, owned by The Ministry of the Interior Affairs on a 20-acre area, Nasr City, Cairo, **promotion award**.
- Planning and design competition for youth housing, on the 120-acre area, Ismailia Governorate, Egypt, **promotion prize**.
- Architectural design competition for the building of the main building of Banque Misr, Mohamed Farid Street, Cairo. It consists of 2 basement floors and 10 administrative floors with a surface area of 2000 m², with a total estimated cost of 60 million Egyptian pounds.
- Competition for the development of the Revolutionary Command Council building to become a museum of the history of the revolution and the presidents of the Republic, at a total estimated cost of 17 million Egyptian pounds, 1997, **an encouraging prize**.
- The competition of the administrative building of the Oriental Weavers Company in the 10th of Ramadan City, at a total estimated cost of 5 million Egyptian pounds, 1985, **an encouraging prize**.

Publications

- [Decision Making Ideology: Correlation Analysis Between Informal Settlements Growth & Upgrading Policies in Egypt](#), A Elsisy, AM Ashour, MA Khalifa, LM Khodeir
New Cities and Community Extensions in Egypt and the Middle East, 139-157
- [Comprehensive Development As An Approach For Developing The Egyptian Border Cities](#), MA Ashour, DYM Srag, MFAE Aliam Ain Shams University
- ["The Integrated Approach For The Reconstruction Of Homs City \(Syria\) \(The Revival Of City Downtown\)"](#), MA Ashour, AY Shaklab Ain Shams University
- ["Assesing Good Urban Governance In Promoting Informal Settlements Upgrading Policies In Egypt"](#), MA Ashour, AHME Sisay Ain Shams University
- [A Study of the Possibility of Integrating the Economic Activity within the Accommodation as an Approach to Solve the Problem of Low Income Housing in Egypt](#), H Madany, A Ashour, L Khodeir, A Assem 1st International Conference on Towards a Better Quality of Life
- [Performance Strategies For Residential Models Produced In Egypt](#), MA Ashour, HM Kamal, YM Mansour Ain Shams University
- [Sustainability And Green Architecture As Approach To The Low Cost Housing Projects Development In Egypt](#), MA Ashour, NMA Elatef Ain Shams University
- [Study The Effect Of Phase Changing Materials Improved Thermal Performance And Energy Saving In Office Building](#), MA Ashour, AF Moahmmed Ain Shams University
- [Suggested Approach For Applying Value Engineering On Physical Security Of Police Buildings In Egypt](#), MA Ashour, LM Kodiar, TA Marae Ain Shams University
- [Sites Management And Urban Landscape As An Approach For Development Of Historical Areas](#), MA Ashour, YM Mansour, SA Hegazy Ain Shams University
- [The Flexibility In Housing Design As A Tool To Raise The Economic Level Of Low-Income Groups In Egypt](#), MA Ashour, HSM Madny Ain Shams University
 - [ادارة جودة مشروعات البناء تصميم نظام قياس جودة المخرجات المعمارية](#) MA Ashour, OB Eldeen Ain Shams University
 - [المقومات العمرانية الذاتية كأساس لرفع جودة الحياة بالمجتمعات التدهورة المصرية](#) MA Ashour, Y Mansour, H Sabry, YOM Hassan Ain Shams University ,
 - [اسس ومعايير تخطيط وتصميم مواقع محطات الطاقة النووية للاستخدام السلمى فى مصر](#) MA Ashour, M Kaseem, Ain Shams University
 - [الألوان فى العمارة : دراسة تأثيرات المتغيرات الثقافية على استخدام الالوان فى واجهات المباني السكنية فى مصر](#) MA Ashour, H Elwan Ain Shams University,