

CV

Prof. Omar Mohamed El-Hosseiny Abdel Salam

Professor of Urban Design and Urban Planning

Dean of Faculty of Engineering - Ain Shams University



Nationality: Egyptian
Date of Birth: 07/12/1964
Religion: Muslim
Marital Status: Married with children
Languages: Arabic (Fluent), English (Fluent) and French (Fluent)

Introduction:

The previous work experience of Prof. Omar Mohamed El-Hosseiny Abdel Salam (documents 1 & 2) is multivarious and includes several academic, educational, administrative, leadership, consulting and professional aspects. Regarding the academic and educational aspects, he has progressed in academic positions since he was a Lecturer at the Department of Urban Planning until he became the Professor of Urban Design and Urban Planning since 2005 to-date. Regarding the administrative and leadership aspects, he has been the Head of the Urban Planning Department from 2009 until 2015, then a Director of Credit Hour Program at the Faculty from 2015 until 2018, which was then called the “New Programs”. Later, he was appointed as Vice Dean for Environmental Affairs and Community Service from August 2018 until 2021. Prof. El Hosseiny has been appointed Dean of the Faculty of Engineering since February 2021 until now. Regarding the consulting and professional experience, he is the founder of the House of Expertise BECT – Bureau Egyptien de Conseils Techniques (1989 – present).

• Academic Qualifications:

- **Ph.D. in Urban Design and Urban Planning - Paris University (Val-de-Marne), October 1992, grade “Excellent with first-class Honors”.**
- **M.Sc. in Urban Design and Urban Planning, Paris University (Val-de-Marne), June 1989, grade “Very Good”.**
- **B.Sc. of Architectural Engineering - Ain Shams University, July 1986, grade “Very Good”.**

• Academic Career– Faculty of Engineering, Ain Shams University:

- **February 2021 – To-date**
Dean of Faculty of Engineering, Ain Shams University
- **August 2018 - To-date**
Vice Dean of Faculty of Engineering, Ain Shams University for Environmental Development and Community Service

- **February 2015 - August 2018**
Director of Credit Hour Program - Faculty of Engineering, Ain Shams University
- **October 2009 - February 2015**
Head of the Urban Design and Urban Planning Department - Faculty of Engineering, Ain Shams University
- **April 2005 - To-date**
Professor - Department of Urban Design and Urban Planning-Faculty of Engineering, Ain Shams University
- **April 2000 - April 2005**
Associate Professor-Department of Urban Design and Urban Planning-Faculty of Engineering, Ain Shams University
- **August 1992 – April 2000**
Lecturer-Department of Urban Design and Urban Planning - Faculty of Engineering, Ain Shams University

• **Practical and Professional Experiences (Positions and Memberships):**

- **Chairman of the Engineering Profession Practice Committee in Egypt (formed by Ministerial Resolution - Minister of Higher Education and Scientific Research - No. 4682 - 11/21/2022).**
- **Head of the Committee on Laying Foundations and Criteria for City Entrances at the National Organization for Urban Harmony.**
- **Head of the Committee on Conservation of Historic Buildings with Landmark Features at Cairo Governorate - Northern region.**
- **Member of the Supreme Scientific Committee at the National Organization for Urban Harmony.**
- **Member of the Supreme Committee for Culture and Heritage - Supreme Council of Culture at the Ministry of Culture.**
- **Member of the Egyptian Society of Engineers.**
- **Consulting Engineer (Department of Architecture and Design, Urban Planning Specialization) at the Egyptian Engineers Syndicate.**
- **Urban Planning Expert at the General Authority for Urban Planning.**
- **Founder and main partner of “House of Expertise” Bureau Egyptien de Conseils Techniques (BECT).**

• **International and Local Protocols, Agreements and Partnerships:**

Prof. El Hosseiny has made the following protocols and agreements during his Deanship's term from February 2021 to date:

- **Cooperation protocol between Faculty of Engineering, Ain Shams University and Egyptian Electricity Holding Company (EEHC) - January 2023.**

- Signing an annex to the agreement between Ain Shams University and University of East London regarding the establishment of an office to represent University of East London at Ain Shams University, and granting a certificate from University of East London to non-enrolled students at Ain Shams University - December 2021.
- Concluding an agreement regarding Ain Shams National University project at the New Administrative Capital (Innovation Hub) in cooperation with the Egyptian Armed Forces Engineering Authority, November 2021.
- Cooperation protocol between Faculty of Engineering, Ain Shams University and Oriental Weavers-October 2021.
- Cooperation protocol between Faculty of Engineering, Ain Shams University and the National Authority for Tunnels (NAT) - September 2021.
- Cooperation protocol between Faculty of Engineering, Ain Shams University and the National Organization for Urban Harmony-September 2021.
- Cooperation protocol between Faculty of Engineering, Ain Shams University and the Fund for Consultations and Technical Research and Studies to provide services pertaining to consulting and research strategic studies for the project of establishing new national universities - September 2021.
- Cooperation protocol in the field of student training between Faculty of Engineering, Ain Shams University and National Telecommunication Institute - September 2021.
- Cooperation protocols in the field of student training between Faculty of Engineering, Ain Shams University and a number of member companies at the Egyptian Businessmen's Association – September 2021:
 - Protocol with Engineering Management Systems (EMS) Co.
 - Protocol with EDFA Co. for Real Estate Development
 - Protocol with Al Ahly Sabbour Co. for Real Estate Development
 - Protocol with Sabbour Consulting Company
 - Protocol with BCI Educational Company
 - Protocol with BETA Egypt for Urban Development
- Cooperation Protocol between Faculty of Engineering, Ain Sham University and Dar Al-Mimar Group (DMG) - July 2021.
- Cooperation protocol between Faculty of Engineering, Ain Shams University and Armed Forces Engineering Authority, and notification with the initiation of protocol activation through student training and engineering consultancy - June 2021.
- Agreement between Faculty of Engineering, Ain Shams University and IVY Stem International Schools - May 2021.
- Cooperation agreement between Center of Excellence for Energy (COE) at the Faculty of Engineering, Ain Shams University and Schneider Electric - May 2021.
- Signing a protocol between Ain Shams University and Ministry of Military Production - April 2021.
- Cooperation protocol between Faculty of Engineering, Ain Shams University and the Egyptian Space Agency to participate in the project “Laboratory Educational Satellites Connected to The Egyptian Space Technology Education Portal” - March 2021.

Being the Vice Dean for Environment Affairs and Community Services (2018 – 2021), preceding it being the Director of the Credit Hour Program (2015 – 2018), Prof. Omar El-Hosseiny participated in the following Protocols and Agreements:

- Cooperation protocol between Center of Excellence for Water Research at the Faculty and the Egyptian Electric Utility & Consumer Protection Regulatory Agency - January 2021.
- Contracts for offering consulting services in the field of information systems between Faculty of Engineering, Ain Shams University and the Egyptian Federation for Construction and Building Contractors - December 2020.
- Cooperation protocol between Center of Excellence for Water Research at the Faculty of Engineering, Ain Shams University and Rubex International for Plastic and Acrylic - December 2020.
- Memorandum of understanding between Faculty of Engineering, Ain Shams University and the French Gustave Eiffel University - November 2020.
- Cooperation protocol between Faculty of Engineering, Ain Shams University and Enara Renewable Energy Services - November 2020.
- Memorandum of understanding between Faculty of Engineering, Ain Shams University and Tianjin University at the People's Republic of China in the field of manufacturing assistive devices for the disabled - November 2020.
- Joint cooperation protocol between Ain Shams University and the Egyptian Businessmen's Association - October 2020.
- Joint cooperation protocol between Ain Shams University and the Industrial Development Bank of Egypt - October 2020.
- Memorandum of understanding signed between Ain Shams University represented by Faculty of Engineering and Faculty of Engineering at Texas University, and Texas A&M Engineering Experiment Station at Texas University, United States of America - October 2020.
- Memorandum of understanding between Faculty of Engineering and the Center for Sustainable Development of Matrouh Resources (Desert Research Center) - September 2020.
- Cooperation agreement between Faculty of Engineering, Ain Shams University and the Egyptian National Railways regarding consulting services of the project of establishment of an integrated system for passengers' entrance through electronic gates, as well as connection and integration with the current ticket system - May 2020.
- Memorandum of understanding between Faculty of Engineering, Ain Shams University and University of Witwatersrand, Faculty of Engineering, Johannesburg, South Africa - May 2020.
- Memorandum of understanding between Faculty of Engineering, Ain Shams University, School of Pure and Applied Sciences and School of Engineering and Architecture, Meru University of Science and Technology, Meru, Kenya - May 2020.
- Memorandum of understanding between Faculty of Engineering, Ain Shams University and Faculty of Engineering - University of Lagos, Akoka, Nigeria - May 2020.
- Cooperation agreement project between Ain Shams University and the German University of ULM - March 2020.
- Renewing cooperation between Faculty of Engineering, Ain Shams University and Sussex English University - February 2020.
- Cooperation protocol between Faculty of Engineering, Ain Shams University and Ezz Steel Co.- January 2020.

- Cooperation protocol between Faculty of Engineering, Ain Shams University and the Egyptian Electricity Holding Company in areas of research and development of products and services, in addition to the field of training - January 2020.
- Cooperation protocol between Faculty of Engineering, Ain Shams University and Department of Architecture at Grenoble City in France - January 2020.
- Cooperation memorandum between Faculty of Engineering, Ain Shams University and UCLAN in the United Kingdom - December 2019.
- Renewing the agreement and cooperation between Faculty of Engineering, Ain Shams University and Faculty of Engineering at the French University of Egypt - November 2019.
- Cooperation between Faculty of Engineering, Ain Shams University and the Egyptian Space Agency to offer consulting services - November 2019.
- Cooperation protocol between Faculty of Engineering, Ain Shams University and Waste Management Regulatory Authority affiliated to the Ministry of Environment - September 2019.
- Cooperation protocol between Faculty of Engineering, Ain Shams University and Habitat - September 2019.
- Cooperation protocol between Faculty of Engineering, Ain Shams University and the International Nuclear Graduate School at King's University-Yusan, South Korea in the field of nuclear energy - September 2019.
- Memorandum of understanding between Faculty of Engineering, Ain Shams University and Animal Health Research Institute at the Agricultural Research Center, Ministry of Agriculture - June 2019.
- Memorandum of understanding between Faculty of Engineering, Ain Shams University and College of Mechatronics and Control Engineering at Shenzhen University - May 2019.
- Memorandum of understanding between Faculty of Engineering, Ain Shams University and Genco Geotechnical Engineering Contractor Co. - May 2019.
- Signing a cooperation protocol between Ain Shams University and the National Service Products Organization - April 2019.
- Cooperation protocol between Ain Shams University and the Arab Organization for Industrialization - April 2019.
- Memorandum of understanding regarding training programs between Faculty of Engineering, Ain Shams University and Faculty of Engineering at University of Aden in Yemen - April 2019.
- Cooperation protocol between Faculty of Engineering and Al Ahram Security Group regarding cooperation strategy between industry and academic circles for research and innovation - April 2019.
- Memorandum of understanding between Faculty of Engineering, Ain Shams University and IBM Global Co. - March 2019.
- Cooperation protocol between Faculty of Engineering-Ain Shams University and PETROJET Projects Co. in the field of consultations, technical support, training, rehabilitation, research projects, scientific cooperation and exchange of experiences - March 2019.
- Cooperation protocol between Faculty of Engineering, Ain Shams University and Egypt Link Insurance Brokerage - March 2019.
- Cooperation protocol between Faculty of Engineering, Ain Shams University and Siemens Company - March 2019.
- MOU between Innovation Hub (I Hub) - Faculty of Engineering, Ain Shams University and National Instruments Company – March 2018.
- MOU between Innovation Hub (I Hub) - Faculty of Engineering, Ain Shams University and Hassan Allam Holding Co. – March 2018.

- Announcement of a Scholarship granted by Siemens for providing Ain Shams, Cairo and Alexandria Universities with a range of advanced manufacturing software for Product life-cycle management under the supervision of his Excellency the Minister of Higher Education and Scientific Research – February 2018.
- Cooperation agreement between Faculty of Engineering, Ain Shams University and East London University – December 2017.
- Cooperation agreement between Faculty of Engineering, Ain Shams University and EgyptAir Co. December 2017.
- Cooperation agreement between Faculty of Engineering, Ain Shams University and Guangdong University of Technology – November 2017.
- Cooperation agreement between Faculty of Engineering, Ain Shams University and Halmstad University – November 2017.
- Cooperation agreement between Faculty of Engineering, Ain Shams University and School of Material Science and Energy Engineering, Foshan University – November 2017.
- Cooperation agreement between Faculty of Engineering, Ain Shams University and Siemens Technology in industrial automation through Innovation Hub (I Hub) – May 2017.
- MOU on Academic exchange and cooperation between Faculty of Engineering, Ain Shams University and University of Hannover (Germany) – April 2017.
- MOU on “Water-Energy” cooperation in wastewater treatment between the Environment Institute for Sustainable Development at Tongji University in Shanghai, China and the Department of Public Works, Faculty of Engineering, Ain Shams University - March 2017.
- Cooperation agreement between the Faculty of Engineering Ain Shams University and the Academy of Scientific Research for organizing the first Cairo International Electric Car Rally for locally manufactured electric cars – February 2017.
- Cooperation protocol between Faculty of Engineering, Ain Shams University and the Egyptian Academy of Engineering and Advanced Technology (an affiliate of The Ministry of Military Production) – February 2017.
- Cooperation protocol between Faculty of Engineering, Ain Shams University, Central Military Zone, and Cairo Governorate on the construction of a social housing project at El-Salam First Neighborhood in Cairo – February 2017.
- Agreement between Faculty of Engineering Ain Shams University and HUAWEI Co. – December 2016.
- Cooperation protocol between Faculty of Engineering, Ain Shams University and Terra Sola Co. – November 2016.
- Cooperation protocol between Faculty of Engineering, Ain Shams University and Ezz Industrial Group – November 2016.
- Cooperation protocol between Faculty of Engineering, Ain Shams University and the Egyptian Aviation Academy on initiating and developing a university engineering major for aircraft maintenance – November 2016.
- Cooperation protocol between Faculty of Engineering, Ain Shams University and the Egyptian Engineers Syndicate – January 2016.
- Cooperation protocol between Faculty of Engineering, Ain Shams University and the Technology and Innovation Industrial Council - Ministry of Industry – December 2015.
- Cooperation protocol between Faculty of Engineering, Ain Shams University and Technical University of Clausthal (Germany) – 2015.

- Cooperation protocol between Faculty of Engineering, Ain Shams University and the Arab Organization for Industrialization – December 2015.
- Cooperation protocol between Faculty of Engineering, Ain Shams University and Helwan Machinery and Equipment Company (999 Military Factory) on upgrading workshop equipment 2015.
- Cooperation protocol between Innovation Hub (I Hub) - Faculty of Engineering, Ain Shams University and Schneider Electric Co. in Egypt, for promoting and developing electrical engineering 2015.
- Triangular cooperation protocol between the Department of Architecture - Faculty of Engineering, Ain Shams University, Clemson University (USA) and Wuhan University (China) 2015.
- Cooperation Agreement between Faculty of Engineering, Ain Shams University and Department of Architecture - Mediterranean University (Italy) 2015.
- Cooperation agreement between Faculty of Engineering, Ain Shams University and University of Sussex at the Formula Student UK Competition 2015.
- MOU between Faculty of Engineering, Ain Shams University and King Khalid University (KSA) on cooperation in research and scientific activities 2015.
- Cooperation agreement between Faculty of Engineering, Ain Shams University and University of East London 2015.
- Egyptian-French Cooperation Protocol (Ain Shams University-National Authority for Tunnels-Higher School of Architecture, Paris-French Center of Studies and Documents in Cairo), and responsible for all studies pertaining to the development of urban planning for areas surrounding the underground stations - Faculty of Engineering, Ain Shams University (2001-2004).
 - Issuance of 5 reports and applied studies
 - Holding a scientific seminar at Ain Shams University
 - Holding a scientific seminar at the Higher School for Architecture, Paris, France

• Academic Bylaws Development:

- Preparation of the developed academic bylaws - Bachelor Stage - Faculty of Engineering 2023 (Attachment 2 within the attachments of the Dean of Faculty of Engineering's file).
- Preparation of the developed academic bylaws - Postgraduate Stage - Faculty of Engineering 2023 (Attachment 2 within the attachments of the Dean of Faculty of Engineering's file).
- Preparation of new scientific programs based on interdisciplinary specializations (Civil Engineering Program-Urban Development and Housing Program) as required by the job market and engineering development in Egypt, keeping abreast with specializations in international universities, as well as concluding cooperation agreements to grant the dual bachelor degree in six programs in 2019.
- Preparation of the credit hour programs for interdisciplinary programs (2018), which has been the basis for the development of bylaws application approval for Bachelor Stage with credit hour system for the whole Faculty in 2018, and which combines specialized programs and international interdisciplinary programs.
- Contribution in the approval of applying the bylaws of the Postgraduate Stage with the credit hour system of the faculty in 2015, which combines specialized postgraduate studies and interdisciplinary postgraduate studies based on partnership with international universities and keeping abreast with international academic development on the doctorate and Master's stages.

- Introduction of a new model for field training and integrating it in the program bylaws within the faculty by establishing the Innovation Hub (I Hub) for the enhancement of the practical aspect of all faculty students since 2015.
- Preparation of the Bachelor stage bylaws for Architectural Engineering in the French University (2012).
- Participation in the development of the Bachelor curricula bylaws - Department of Urban Planning - Faculty of Engineering, Ain Shams University (2003).
- Participation in the development of Postgraduate curricula bylaws - Department of Urban Planning - Faculty of Engineering, Ain Shams University (2002).
- Participation in the development of Bachelor courses bylaws, Department of Urban Planning - Faculty of Engineering, Ain Shams University (2001).
- Participation in the development of the Bachelor curricula bylaws - Department of Urban Planning - Faculty of Engineering, Ain Shams University (1997).
- Participation in the development of the postgraduate curricula bylaws - Department of Urban Planning - Faculty of Engineering, Ain Shams University (1997).

• Academic Curricula Development:

- Preparation and supervising the full scientific content of “Architecture and Site Harmony” program- Faculty of Engineering- Ain Shams University (2012)
- Preparation of “Modern Theories in Architectural Design” Course for Master’s Stage - Department of Urban Design and Urban Planning - Faculty of Engineering, Ain Shams University (Since 2009 - To-date).
- Preparation of “Harmony of Urban Sites” Course - Second Year - Department of Urban Design and Urban Planning - Faculty of Engineering, Ain Shams University (Since 2005 – To-date).
- Preparation and teaching “Urban Design Theories” Course - Third Year - Department of Urban Design and Urban Planning - Faculty of Engineering, Ain Shams University (Since 2004 – To-date).
- Supervision over preparation and teaching “Practical Exercises in Urban Design” Course - Fourth Year - Department of Urban Design and Urban Planning - Faculty of Engineering, Ain Shams University (Since 2004 – To-date).
- Preparation and teaching lectures of “Urban Design in Ancient Areas” - Postgraduate Studies Stage- Department of Urban Planning, Faculty of Engineering, Ain Shams University (2004).
- Preparation and teaching lectures on “Urban Growth in Developing Cities” - Fourth Year - Department of Urban Design and Urban Planning - Faculty of Engineering, Ain Shams University (2001).
- Preparation and teaching lectures on “Planning of Cities and Housing”- Postgraduate Level- Department of Urban Planning - Faculty of Engineering, Ain Shams University (1997).

• Scientific Production (Publications and Research):

- **Visual Identity of Arab Republic of Egypt Regions** - Ain Shams University, 2022.

- **Guide to Fundamentals and Criteria for Conserving the Architectural Aspect of Urban Districts in Egyptian Cities-Example: 10 districts in Cairo City** - Ain Shams University, 2021.
- **Foundations and Criteria of Touristic Fundamentals for Use Overlooking the Nile River** -Al-Azhar Scientific Journal (2010).
- **Analysis of Activities related to River Nile in Greater Cairo Metropolitan Area**, 1st Architectural Conference of Faculty of Engineering, Ain Shams University (28-30 October 2008).
- **Rehabilitation of Heritage Areas - A Case Study of Cairo City Center**. International Conference on Future Outlooks and Urban Development Challenges, Cairo, (20-22 December 2004).
- **“Healthy” Neighborhood: An Introduction to Achieving Sustainability**. Fifth International Conference “Energy, Environment and Innovative Technology (EETI, 2004), Rio De Janeiro, Brazil, (4-7 October 2004).
- **Analytic Study of Functional Deficiency on Public Urban Spaces** - Case Study of Three Main Urban Spaces in Cairo City, Scientific Journal of Al-Azhar Faculty of Engineering- (October 4th, 2004).
- **Effect of Decentralization on Urban Management and Support of Decision-Making in Establishing the Pillars of Sustainable Urban Development of Target Areas**-Regional Arab Conference for Improving Life Conditions through Sustainable Urban Development, Cairo (15-18 December 2003).
- **Challenges of the Mutual Relationship between Modern Airports and Urban Mechanisms in Major Cities** (8/10/2003).
- **Mutual Effects between Urban Growth and Mass Transport Networks**-An Analytic Study of the Underground of Cairo and Surrounding Areas, Seventh International Conference of Al-Azhar University, Cairo (7-10 April – 2003, 3/3/2003)
- **Effect of Natural Disasters on the Planning of Desert Communities** (Case Study of Torrents in Egypt), Conference of Urban Development in Desert Areas and Problems of Construction on such Areas-Riyadh-Kingdom of Saudi Arabia (2-4 November 2002).
- **Comparative Study of “Sustainable” Urban Design Elements in Commercial Residential Areas** - Case Study (Heliopolis and Nasr City), Egyptian Society of Engineers (October 15th, 2001).
- **Impact of Movement Patterns on Sustainability of Urban Spaces in Cairo City Center**, Journal of the Egyptian Society of Engineers (July 16th, 2000).
- **Development of Urban Spaces in Heliopolis** (First Phase-Heliopolis Oasis), Second International Conference for Continuous Development in Desert Areas, 1999, Al-Ain, United Arab Emirates.
- **Analysis of the existing situation in comparison with planning rates and original plan of a neighborhood** (Case Study of Nasr City District), Journal of the Egyptian Society of Engineers, 1999, Cairo-Arab Republic of Egypt.
- **Methodology of Urban Spaces Integration in Historic Cairo with Major Urban Projects** (Case Study of Al-Ataba and Opera Spaces)-Sixth International Conference for Urban Formation, July 1999, Florence-Italy.
- **Continuous Sustainable Development in Urban Spaces Design and Planning** (Applied Case on Al-Azhar Spaces in Cairo City) Egyptian society of Engineers, 1998, Cairo, Arab Republic of Egypt.
- **Permeability - Main Criteria in Positiveness of Urban Design (Case Study of Downtown Cairo)**, First International Conference for Quality of Life in Cities, March 1998, Singapore.
- **Visual Pollution and its Impact on Human Behaviors and Accommodation of Public Urban Spaces: Comparative Analysis Research: Cairo/Damascus**, Journal of the Egyptian Society of Engineers, 1997, Cairo, Arab Republic of Egypt.
- **Underlying Role of GPS “Terrestrial Network” in Urban Development Mechanisms**, Society of Egyptian Engineers, 1996, Cairo, Arab Republic of Egypt.
- **Role of Marine Ports in Urban Development of Cities**. Higher Institute of Urban Planning Publications, 1992, Paris, France.
- **Role of Airports in the Dynamism of Urban Growth in Large Cities**.

- Part 1: International Airports
- Part 2: Case Study of Cairo Airport
- Doctorate degree in 1992, Paris University 12, Higher Institute for Urban Planning-Paris, France
- **Airports and Urban Development**-Paris University 12, Higher Institute for Urban Planning-France, Master's degree in 1989-Paris, France.

• Supervision of M.Sc. and Ph.D. Theses:

Doctoral Theses:

- **Mixed Reality Simulation in the Comprehensive Urban Design Stages** (2021) - Department of Urban Planning and Design - Faculty of Engineering, Ain Shams University
- **Reconstructive Development of Riverbanks in Million - Cities** (2011) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.
- **Integration of Smart Urban Projects with The Surrounding Urban Environment** (2008) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.
- **City Entrances in The Framework of Comprehensive Urban Planning** - Urban Agglomerations (2008) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.
- **Planning for Sustainable Rural Development in Egypt** (2006) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.
- **Rehabilitation of Downtown Cairo** (2004) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.
- **Assessment of the Development of Urban Spaces in The Contemporary Arab City** (1999) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.

Masters Theses:

- **Analysis of the Characteristics of the Different Environmental Regions in Egypt and The Extent of Their Impact on The Appropriate Sustainable Urban Patterns-** (2020) Department of Urban Planning and Design - Faculty of Engineering, Ain Shams University.
- **Cairo Within Globalization** (2012) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.
- **Analytical Study on Approaches to Develop Degraded Areas of a Heritage Character** (2012) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.
- **Preserving Urban Heritage to Achieve Sustainable Tourism Development Through Institutions** (2011) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.
- **Understanding Urban Navigation: Finding the Way Within the City** (2010) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.
- **Study of People's Participation in The Process of Urban Development Through Modern ICT** (2010) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.
- **Site Coordination as an Element of Sustainable Urban Design** (2008) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.

- **Towards a Common Concept Between Urban Designer and Users of Urban Spaces** (2008) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.
- **Impact of Overhead Movement Pathways on The Urban Environment** (2007) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.
- **Cities in the Information Age: The Impact of E-Government on Urban Planning of Cities and The Study of Their Impact on The Scale of Distribution of Government Administrative Services** (2007) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.
- **Analytical Study of Activities Directly Linked Between the Nile Banks and Cairo Urban Block** (2006) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.
- **Effectiveness of Implementation Mechanisms in The Development of New Cities** (2005) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.
- **Comparative Analysis Study of In-City Service Rates Considering Planning Criteria and Rates** (2004) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.
- **Sustainable Site Coordination in Neighborhoods** (2004) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.
- **The Concept of Sustainable Urban Formation of The City Through Urban Design of The Movement Axes** (2003) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.
- **Interrelationships Between Transport Networks and Urban Growth in The Greater Cairo Area, Case Study: Impact of Existing Subway Stations on The Urban Development of the Surrounding Areas** (2002) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.
- **Impact of Natural Disasters on The Re-Planning of Disaster Areas** (2001) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.
- **Evolution of Construction Methods Impact on Urban Design in the City – Case study of Cairo City** (2001) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.
- **Study of Harmonization and Applicability of New Urbanism Theory** (2000) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.
- **Impact of Urban Development on Public Squares** (1999) - Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.
- **Visual Shaping of Urban Spaces – Comparative Analysis Study (Cairo – Damascus) – (1997) –** Department of Urban Planning and Urban Design – Faculty of Engineering, Ain shams University.

• Professional and Consulting Expertise:

Being a Co-founder at BECT Engineering Consulting, Prof. Omar El-Hussein, along with team force of the Advisory Office, contributed to many projects that have been completed, especially in **the field of strategic urban planning**, as follows:

- **Upper Egypt Local Development Program “UELDP” (2022)**
UELDP program coordination office (PCO)

Development of planning and design principles (urban planning, site coordination, road planning)
- Development and supervision of the implementation of six urban development projects - supporting governorates by identifying development interventions.

- **National Energy Control Center (New Administrative Capital – Delta) (2022)**
Egyptian Electricity Transmission Co. “EETC”
Implementation supervision services for the New Center located in the New Administrative Capital and Delta region.
- **Sharm El Sheikh University (2022)**
RAMW for Tourism Development “RAMW”
Preparation of the master plan, landscape design concept, design concept for all on-campus buildings, 3D perspectives, and tender documents.
- **Balgarn Substations Package (2022)**
Saudi Electricity Company - General Electric
 - Construction of (4) substations (Najran – Bisha – Arid - Sabya).
 - Complete design (architectural, structural, electrical, mechanical) - Shop-drawings - Specifications and BOQ - Technical assistance during execution.
- **El Kureimat Substation (2022)**
Grid Solutions for Elec. Networks SAE
Detailed design (architectural, structural, electrical, mechanical) and technical assistance during the execution of El Kureimat substation 132 KV/GIS extension project.
- **Local Area Development Plans - GIZ (2022)**
German Development Cooperation “GIZ”
 - Development of local area by enhancing basic services and infrastructure development.
 - Preparation of workplan - spatial planning - assessment of public services and facilities - spatial planning of target areas and assessment of public services and utilities.
- **Textile, Dyeing and Preparation Factories Group in El-Mahla El-Kobra (2022)**
Cotton & Textile Industries Holding Co.
Supervising the execution of the textile, dyeing, and preparation factories group (1) and the new group (2) in El-Mahla El-Kobra: review of the detailed design and approval of shop drawings - preparation of specifications and BOQ - project management and coordination of works - quality and cost control.
- **Toshka Buildings Project (2022)**
National General Contracting & Supplies
Providing engineering consultations concerning preliminary studies, design and supervision on execution, and management of the works for the reclamation and agriculture project (top priority sectors) among the South Valley Development Project in Toshka (Phase 1).
- **Baghdad Substations Package (POC) – Phase 1 (2022)**
Ministry of Electricity, Iraq - General Electric
 - Construction of (3) Substations (Hindia Elgedida – El Sadr – Rasafa).
 - Shop-drawings - Specifications - BOQ - Technical assistance during execution - Detailed design (architectural, structural, electrical, mechanical).

- **Iraq Substations Package (POC) – Phase 2 (2022)**

Ministry of Electricity, Iraq - General Electric

- Construction of (4) Substations (North of Baqubah – Eridu - Al-Qa'im – Yarmga).
- Detailed design (MEP) - Shop-drawings - Specifications - BOQ - Technical assistance during execution.

- **New Library at French Institute for Oriental Archaeology in Cairo “IFAO” (2022)**

French Institute for Oriental Archaeology in Cairo “IFAO”

- Construction of a new library on the site of the French Institute for Oriental Archaeology in Cairo (IFAO) with an area of 2,400 m².
- Design Preparation (urban design, architectural, structural, MEP) - Coordination works - Project management – site supervision.

- **Sewerage Networks, Water Pumping Stations and Ancillary Buildings (2022)**

Sharkia Water and Wastewater Company

Execution of sewerage networks, pumping stations and ancillary buildings within Sawaleh Group 3 which includes (Al-Rawda, Sawadah and Al-Hajjajiya).

- **Water Supply Networks and GIS Systems in AL-Baha Province (2022)**

Ministry of Water and Electricity, KSA

Detailed design (water systems, irrigation, pumping stations, carrier lines and reservoirs) - Networking with GIS systems - Feasibility studies - Site supervision.

- **Baish Substations Package (2022)**

Saudi Electricity Company - General Electric

- Construction of (4) substations (Muhayil – Baish – Farsha - Wadi Bin Hashbal) and (4) extensions (Al Haqu - Sabt Al Jarah -Tihama – Khamis).
- Complete design – Shop-drawings - Specifications - BOQ - Technical assistance during execution.

- **Iraq Substations Package (2022)**

Ministry of Electricity, Iraq – GE UAE

Preparation of structural and architectural detailed drawings for (4) substations in Iraq (Shat El Basra – Diwaniyah – Zayouna - Rumaila).

- **Lycée School Rehabilitation & Restoration Project (2022)**

French Embassy in Cairo – Lycée Français du Caire

Complete design and supervision on execution for the rehabilitation and restoration of the Lycée School in Maadi over an area of 12,000 m².

- **Utopia Pharmaceuticals Factory – 10th of Ramadan (2022)**

Utopia Pharmaceuticals, Egypt

Consultancy services for the design and construction of a pharmaceutical industries factory over an area of 18,296 m², which includes five buildings.

- **Leeds English School (in the 6th of October City) Design & Construction Project (2021)**
Egypt Learning Group (ELG)
Architectural design, urban planning and supervision on execution of a 10-acre school complex.
- **Cleopatra Mall (2021)**
Eldorado Ceramic and Sanitaryware International
Preliminary study of the project - Complete detailed design – Site Supervision – Site coordination
- Preparation of tender documents for a commercial building of on an area of 385,000 m².
- **Riyadh Treated Water Re-Usage Project (2021)**
Ministry of Water and Electricity, KSA
Review the design of treated water systems, irrigation systems, reservoirs and pumping stations – Site supervision.
- **GIG Headquarter (2021)**
Arab Misr Insurance Group (GIG)
Design and supervision on the execution of a 6-floor administrative building over an area of 4,400 m², with 2 basements for use as a garage and for other purposes.
- **New Cotton Gins (2021)**
Cotton & Textile Industries Holding Co.
 - Complete detailed design, coordination and supervision on the execution of three cotton gins in Zagaziq, Kafr Al-Zayat and Kafr Al-Dawar.
 - Detailed design (architectural, structural, civil, electrical and mechanical) - Specification - BOQ - Project management and coordination of works – Quality and cost control – Site supervision.
- **Upgrading Railway-Signaling Systems for Assiut - Naga Hamadi Line (2021)**
Egyptian National Railways/Thales
Architectural design and complete detailed design (architectural, structural, mechanical and electrical) of 20 Control-buildings for the Assiut – Naga Hamadi railway line.
- **Supervision on Kozzika Metro Workshop – Greater Cairo Metro Line 1 (2020)**
National Authority for Tunnels (NAT)
 - Consultancy services for design, coordination, quality control, site supervision and project management of Kozzika Metro Workshop - Greater Cairo Metro Line (1).
 - Site supervision for structure, mechanical, electrical, telecommunication, rail works, overhead catenary and signaling and SCADA works
- **Katameya Hospital (2019)**
Katameya Clinic for Medical Services
Over a total area of 2361 m²: Detailed design - Specifications and BOQ - Supervision on execution - Internal distribution of furniture, machines and devices.
- **Development and Design of Wadi Jazan Resort (2015)**
Ministry of Water and Electricity-Saudi Arabia
Urban planning of the general site and complete design of all buildings, over an area of 21 acres.

- **Development and Design of King Abdullah New District (2015)**
Zuhair Fayez Partnership, KSA
Urban planning of the general site and design of roads and open spaces, over an area of 22,000 acres.
- **Construction of Three Tunnels for Cars and Rails in South Port Said (2014)**
Ministry of Transport
Preparation of engineering design and technical reports of two car tunnels and feasibility studies of a railway tunnel, in cooperation with the Spanish side (PUD-Egypt, BECT-Egypt, Getinsa-Spain, Paymacotas-Spain).
- **Development and Design of Half-Moon Bay – KSA (2013)**
Eastern Province, KSA
Preparation of the city's master plan and detailed planning studies with an area of 250 km² in cooperation with a group of French consulting firms (Arep, Detante, Coteba, Sogreah).
- **Development and Design of Family Park – New Cairo (2013)**
Ministry of Education
Urban planning of the general site and complete design of all buildings.
- **Proposed Plan for Shebin Al-Qantir City - Al Qalyubiyah, Egypt (2013)**
Al Qalyubiyah Governorate
Preparation of the proposed strategic plan and detailed plan for Shebin Al-Qantir.
- **Design and Construction of the Algerian Oil Refinery Buildings' (2013) - Algeria**
Sonatrach – Algeria
Preparation of shop drawings for 19 buildings at Algerian oil refinery.
- **Cosmos City Project– 6th of October City, Egypt (2012)**
Ministry of Education
 - Preparation of the master plan, architectural design, and shop drawings of all buildings, as well as the tendering documents (with an area of 190 acres).
 - Site Supervision.
- **Design of the National Authority for Tunnels (NAT) New Headquarters – Cairo (2012)**
National Authority for Tunnels (NAT)
Preparation of the master plan and engineering design for all buildings, as well as the technical specifications and tendering documents.
- **Development and Design of the Egyptian Air Force Museum – Cairo (2012)**
Ministry of Defense
 - Preparation of the engineering design for all buildings, as well as the technical specifications and tendering documents.
 - Site Supervision.

- **Construction of (3) 110/13.8kV Substations – KSA (2012)**
Alstom - KSA
Preparation of the detailed designs and drawings for (3) substations:
 - Tiam Substation (110/13.8 KV - 2 substations)
 - El-Nozha Substation (110/13.8 KV - 2 substations)
 - El-Hendawia Substation (110/13.8 KV - 1 substation)
- **Design of Alstom New Headquarters – Cairo (2012)**
Alstom – Egypt
Preparation of the engineering design, technical specifications and tender documents.
- **Design of Archirodon New Headquarters – Cairo (2012)**
Archirodon Construction Overseas CO.
Preparation of the engineering design, technical specifications and tender documents.
- **Rehabilitation of Northern and Southern Camps in Sinai – Egypt (2012)**
United Nations Peacekeeping Forces
Rehabilitation of 398 buildings.
- **Technopolis (1) Project - Technology Valley – Egypt (2012)**
Ministry of Education
Preparation of the master plan and urban design.
- **Technopolis (2) Project - Technology Valley – Egypt (2011)**
Ministry of Education
Preparation of the master plan and urban design.
- **Construction of Schneider-Electric Factory in Badr City – Egypt (2011)**
Schneider-Electric Co.
Preparation of the design and shop drawings of the factory.
- **International Competition for Redesign of Ramses Square – Cairo, Egypt (2011)**
Ministry of Culture
First place, in cooperation with the French consulting firm (Arep), in the urban re-planning and design competition of Ramses Square.
- **Construction of the Administrative Building of the French Economic Mission – Egypt (2010)**
French Embassy in Egypt
 - Preparation of architectural design, detailed drawings and tender documents
 - Site Supervision.
- **Heliopolis Club Mosque Design Competition - Cairo, Egypt (2010)**
Heliopolis Club
First place in the architectural design of the Heliopolis Club Mosque Competition.
- **Rehabilitation of Sayed Darwish Theatre - Cairo, Egypt (2010)**
Ministry of Culture
Preparation of the master plan and rehabilitation of Sayed Darwish Theatre.

- **6th of October Panorama Project – Egypt (2009)**
Armed Forces
Developing the idea of architectural and urban design.
- **Maamoura Resort Project - Port Said City, Egypt (2009)**
Port Said Governorate
Second Place in the “Architectural Idea and Urban Design Competition” of Maamoura Resort.
- **PGESCO. Administration Building - New Cairo, Egypt (2009)**
PGESCO – Bechel Intl.
Preparation of architectural design and shop drawings.
- **Construction of (3) USAID 220 KV (T&D) Power Stations – Egypt (2008)**
Alstom France
Preparation of the design and shop drawings.
- **Hassi Ameer 400 KV Substation – Algeria (2008)**
Alstom France
Preparation of shop drawings.
- **Marj Village Planning– Al Qalyubiyah, Egypt (2008)**
Al Qalyubiyah Governorate
Preparation of Marj Village master plan.
- **Sendion Village Planning - Al Qalyubiyah, Egypt (2005)**
Al Qalyubiyah Governorate
Preparation of Sendion Village master plan.
- **Arab Darwish Village Planning - Al Sharqiya, Egypt (2004)**
AL Sharqiya Governorate
Preparation of Arab Darwish Village master plan.
- **Construction of (3) 400 KV (T&D) Power Stations and (4) Outbuildings – Morocco (2004)**
Al Qalyubiyah Governorate
Preparation of the design and shop drawings.
- **Suspension Bridge on Damietta Branch - Damietta, Egypt (2004)**
Damietta Governorate
Preparation of tendering documents, supervision of execution, review of shop drawings.
- **Suzanne Mubarak Science Exploration Center– 6th of October City, Egypt (2004)**
6th of October City
 - Developing the idea of architectural and urban design.
 - Site Supervision.
- **Village of Mit Halfa Planning - Al Qalyubiyah, Egypt (2003)**
Al Qalyubiyah Governorate
Preparation of Mit Halfa Village master plan.

- **Yacht Resort and Marina in Port Said - Port Said, Egypt (2003)**
Port Said Governorate
Preparation of the design and site Supervision.
- **Power Generation Centre – Ethiopia (2003)**
Ethiopia
Preparation of design and detailed drawings.
- **The Second Steel Bridge – Naga Hamadi New Barrage– Naga Hamadi, Egypt (2002)**
Naga Hamadi
Preparation of design and execution drawings.
- **The First Steel Bridge - Naga Hamadi New Barrage– Naga Hamadi, Egypt (2002)**
Naga Hamadi
Preparation of design and execution drawings.
- **Abbasiya Metro Line– Cairo, Egypt (2002)**
National Authority for Tunnels (NAT)
Preparation of architectural and construction designs for 12 maintenance and workshops buildings.
- **Construction of Al-Monib Station – Greater Cairo Metro – Line 2 – Egypt (2002)**
National Authority for Tunnels (NAT)
Preparation of design and execution drawings.
- **Construction of Sakiat Mekki Station – Greater Cairo Metro – Line 2 – Egypt (2002)**
National Authority for Tunnels (NAT)
Preparation of design and execution drawings.
- **Steel Bridge in Buhairat City - Jeddah, KSA (2001)**
Jeddah, KSA
Preparation of design and execution drawings.
- **French University in Cairo - Shorouk City, Cairo (2001)**
French University in Cairo
Preparation of architectural design and urban planning.
- **Power Dispatching Center – Iraq (2001)**
Iraq
Preparation of design and detailed drawings in all disciplines.
- **Power Dispatching Center – Mozambique (2001)**
Mozambique
Preparation of design and detailed drawings in all disciplines.
- **National and Regional Control Centers (4 Centers) – Algeria (2001)**
Algeria
Preparation of design and detailed drawings in all disciplines.

- **Proposed Plan for Shebin Al-Qantir - Al Qalyubiyah, Egypt (2011)**
Al Qalyubiyah Governorate
Preparation of the proposed strategic plan and detailed plan for Shebin Al-Qantir.
- **Imax 3D Theatre – Egypt (2001)**
6th of October City
Preparation of architectural, structural, and electro-mechanical designs.
- **Saudi Airlines Service Unit (Phase II) at Cairo Airport – Egypt (2000)**
Saudi Airlines
Preparation of design and detailed drawings in all disciplines.
- **Hurghada Marina– Hurghada, Egypt (2000)**
Hurghada
 - Review of the master plan and architectural drawings.
 - Preparation of tender documents.
 - Technical support on tenders’ evaluation and contract preparation.
- **Marina Port Ghalib– Marsa-Allam, Egypt (2000)**
Marina Port Ghalib
 - Preparation of architectural, structural, and shop drawings for ventilation stations and control units.
 - Site Supervision.
- **Saudi Airlines Catering Unit at Cairo Airport – Egypt (2000)**
Saudi Airlines
Preparation of design and detailed drawings in all disciplines.
- **Al-Azhar Tunnel– Cairo, Egypt (2000)**
National Authority for Tunnels (NAT)
 - Preparation of architectural, structural, and shop drawings for ventilation stations and control units.
 - Site Supervision.
- **Alexandria Metro – Greater Cairo Metro Line 1 – Egypt (1999)**
Alexandria Governorate
Preparation of architectural and construction designs for 35 maintenance and workshops buildings.
- **Wadi El-Farigh Power Station – Egypt (1999)**
Egypt
 - Design of shop drawings of control-unit building and the general site.
 - Site supervision.
- **Giza Metro Station – Egypt (1999)**
National Authority for Tunnels (NAT)
 - Preparation of design and shop drawings.
 - Site supervision.

- **General Plan for the New City of Naga Hamadi – Egypt (1999)**
City of Naga Hamadi
Preparation of the City of Naga Hamadi master plan.
- **Giza Station Inspection Chambers – Egypt (1998)**
Giza Governorate
 - Preparation of design and execution drawings.
 - Site supervision.
- **Petrochemical Projects in Yanbu City – KSA (1998)**
KSA
 - Preparation of design and shop drawings.
 - Site supervision.
- **Nasr-City Club Sports Hall – Egypt (1998)**
Nasr-City Club
 - Preparation of structural design and shop drawings.
 - Site supervision.
- **Dry Port, 6th of October City (1998)**
6th of October City
Supervision on architectural, structural, and electro-mechanical works.
- **Manshiat al-Jamal Bridge– Cairo, Egypt (1998)**
Cairo Governorate
Site supervision and review of shop drawings.
- **Villa Compound in Shorouk City– Cairo, Egypt (1997)**
Private Sector
Preparation of the architectural and urban design of the Villa compound in Shorouk City.
- **Petrochemical Complex in Kuwait – Kuwait (1997)**
Kuwait
 - Design work and shop drawings for 3 structural steel installations.
 - Site supervision.
- **Cairo University Metro Station - Greater Cairo Metro Line 2 – Egypt (1997)**
National Authority for Tunnels (NAT)
 - Preparation of design and shop drawings.
 - Site supervision.
- **El Bohoos Metro Station - Greater Cairo Metro Line 2 – Egypt (1997)**
National Authority for Tunnels (NAT)
 - Preparation of design and shop drawings.
 - Site supervision.

- **Ayoun Moussa Power Station – Egypt (1997)**
Ayoun Moussa
 - Preparation of design and shop drawings.
 - Site supervision.
- **Construction of Shubra Bridge - Al Qalyubiyah, Egypt (1997)**
Al Qalyubiyah Governorate
Preparation of design and shop drawings.
- **Sidi Krir Project - Alexandria, Egypt (1997)**
Alexandria Governorate
Preparation of design and shop drawings for steel structures.
- **Kom-Ombo Al-Ayyat Bridge – Egypt (1997)**
Al Sharkiya Governorate
Preparation of shop drawings for steel structures.
- **Ghaza International Airport – Palestine (1997)**
Ghaza, Palestine
 - Design works and preparation of shop drawings of the airport buildings.
 - Site supervision.
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- **El Kureimat Power Station– Giza, Egypt (1996)**
Giza Governorate
 - Preparation of design and shop drawings for steel structures.
 - Site supervision.
- **El Moltaka El Arabi District– Cairo, Egypt (1996)**
Cairo Governorate
Preparation of the master plan and architectural design of the 157-acre district to accommodate 18,000 people.
- **Beirut stadium – Lebanon (1996)**
Beirut – Lebanon
Design of pre-stressed concrete works and steel structures.
- **El Massarra Metro Station - Greater Cairo Metro Line 2 – Egypt (1996)**
National Authority for Tunnels (NAT)
 - Preparation of design and shop drawings.
 - Site supervision.
- **El Attaba Metro Station - Greater Cairo Metro Line 2 – Egypt (1996)**
National Authority for Tunnels (NAT)
 - Preparation of design and shop drawings.
 - Site supervision.

- **New Badr-City Planning Project – Egypt (1996)**
New Urban Communities Authority
Preparation of the master plan for New Badr-City over an area of 12,000 acres.
- **Sama Tour Tourism Development Competition - Ain Sokhna, Egypt (1996)**
Sama Tour
Third Place in the Architectural Design Competition for Sama Tour Resort in Ain Sokhna.
- **Royal Palm Resort – Egypt (1995)**
Royal Palm Resorts
Preparation of the Resort architectural & urban design and landscape over an area of 220 acres (Villas, Golf Course, Recreational and Commercial Activities).
- **Regional Plan and Studies of Assiut City – Egypt (1995)**
Assiut Governorate
Preparation of the strategic plan and regional studies for Assiut City.
- **Coral Beach Tourist Resort– Hurghada, Egypt (1995)**
Coral Beach
Preparation of the Resort urban design and landscape.
- **Oven Factory -10th of Ramadan City– Egypt (1995)**
Private Sector
Design works and preparation of shop drawings of the factory with an area of 8000 m².
- **Entrance to Egyptian National Training Centre - Ismailia, Egypt (1995)**
Ismailia Governorate
 - Design works and preparation of shop drawings.
 - Site supervision.
- **Express Factory - 10th of Ramadan City – Egypt (1995)**
Private Sector
Preparation of feasibility study and assessment of the Project production lines and financial studies.
- **El Mazalat Metro Station - Greater Cairo Metro Line 2 – Egypt (1995)**
National Authority for Tunnels (NAT)
 - Preparation of design and shop drawings.
 - Site supervision.
- **Intercontinental Hotel - Tirana, Albania (1995)**
Intercontinental Group
Engineering Design Study and review of shop drawings.
- **Serena Beach Resort in El Quseir – Egypt (1994)**
Private Sector
Preparation of the urban design and landscape of the resort with an area of 150 acres.
- **Villa Compound for Pyramids Housing Group– Giza, Egypt (1994)**
Pyramids Housing
Evaluation of the Project and Previous Studies, and the preparation of a feasibility study.

- **Ventilation and Gas Pipes at El Kureimat Power Plant -Egypt (1994)**
El Kureimat
Preparation of shop drawings for steel structures.
- **ASICO Carpet Factory in Sadat City (1994)**
Private Sector
Design works and preparation of shop-drawings of the factory with an area of 8000 m².
- **Danish Arab Food Industries Factory– 6th of October City – Egypt (1994)**
Private Sector
Design works and preparation of shop-drawings of the factory with an area of 4000 m².
- **Al Salam Tourist Resort– Nuweibaa, Egypt (1994)**
Private Sector
Submission of a project study and assessment of the proposed design.
- **Sono-Cairo Factory and Warehouses - 6th of October City, Egypt (1994)**
Sono-Cairo
 - Preparation of design and shop-drawings.
 - Site supervision.
- **Coal Storage Unit at El Dekheila Port - Alexandria, Egypt (1994)**
EL Dekheila Port
Preparation of shop-drawings for steel structures.
- **Ceramica Cleopatra Factory– 10th of Ramadan City, Egypt (1993)**
Cleopatra Group
Preparation of shop-drawings of the factory with an area of 180000 m².
- **Construction of Shubra Al-Khaimah Maintenance Workshops – Greater Cairo Metro Line 2 - Egypt (1993)**
National Authority for Tunnels (NAT)
 - Preparation of design and shop-drawings of the workshops with an area of 2200 m².
 - Site supervision.
- **Construction of Shubra al-Khaimah Lathe Workshops - Greater Cairo Metro Line 2 - Egypt (1993)**
National Authority for Tunnels (NAT)
 - Preparation of design and shop-drawings of the workshops with an area of 1300 m².
 - Site supervision.
- **Kuwait Petroleum Corporation Heavy-Equipment Plant – Kuwait (1993)**
Kuwait Petroleum Corporation
 - Preparation of design and shop-drawings for metal installations with an area of 11000 m².
 - Site supervision.

- **Olympic Heaters Factory - 10th of Ramadan City, Egypt (1993)**
Olympic Electric Group
 - Preparation of design and shop-drawings for metal and concrete installations with an area of 9000 m².
 - Site supervision.
- **El Moltaka El Arabi District– Cairo, Egypt (1993)**
Private Sector
Preparation of the 5,000-acre project master plan and urban design.
- **Construction of a Pedestrian Bridge in Shubra al-Khaimah– Cairo, Egypt (1993)**
Al Qalyubiyah Governorate
 - Preparation of the design and shop-drawings of the steel bridge with a length of 450 meters.
 - Site Supervision.
- **Kuwait New Fish Market Project – Kuwait (1993)**
Kuwait Municipality
 - Preparation of design and shop-drawings for steel structures with an area of 12000 m².
 - Site supervision.
- **Al Ahmadi Airport Project – Kuwait (1992)**
Kuwait
 - Preparation of design and shop-drawings for steel structures with an area of 12000 m².
 - Site supervision.
- **Master plan of the Sahel Hashish Touristic Area - Red Sea, Egypt (1992)**
Private Sector
Preparation of the master plan and urban design.
- **Construction of Electrical-Panel Production Factory – Kuwait (1992)**
Private Sector
 - Preparation of design and shop-drawings for steel structures with an area of 1800 m².
 - Site supervision.
- **Dahab Area Development Project - Sinai, Egypt (1992)**
South Sinai Governorate
Preparation of the proposed strategic plan and master plan.
- **Construction of a Juhayna Dairy Factory– 6th of October City, Egypt (1992)**
Private Sector
 - Preparation of design and shop-drawings for steel structures with an area of 6000 m².
 - Site supervision.
- **Shuwaikh Water Station – Kuwait (1991)**
Kuwait
 - Preparation of design and shop-drawings of the circular tank (20,000 m³ capacity).
 - Site supervision.

- **New Headquarters and Publications Storages of May Newspaper - 6th of October City, Egypt (1991)**
May Newspaper
 - Preparation of design and shop-drawings for steel and concrete structures with an area of 8000 m².
 - Site supervision.
- **Al-Arish Power Plant - North Sinai, Egypt (1990)**
Government Sector
Preparation of design and shop-drawings for steel structures (2-floor building with an area of 2200 m²).
- **Development of the Fustat Region - Cairo, Egypt (1990)**
Cairo Governorate
Preparation of the strategic plan and proposed detailed plan.
- **Construction of Electrical Panel Production Factory – Kuwait (1990)**
Private Sector
 - Preparation of design and shop-drawings for steel structures with an area of 6,000 m².
 - Site supervision.
- **Construction of Maintenance Workshops for West Cairo Power Station - Cairo, Egypt (1989)**
Cairo Governorate
Preparation of design and shop-drawings for the Station steel structures with an area of 15,0000 m².
- **Headquarters of the Department of Vehicles - Ministry of Interior– Haikstep, Egypt (1989)**
Ministry of Interior
 - Preparation of design and shop-drawings for the maintenance workshops with an area of 25,0000 m².
 - Site supervision.
- **Obour Wholesale Market– Cairo, Egypt (1989)**
Cairo Governorate
Preparation of design and shop-drawings for (4) buildings with an area of 14,0000 m².
- **Production Plant and Warehouse Building in 10th of Ramadan City – Egypt (1989)**
Private Sector
 - Preparation of design and shop-drawings for steel and concrete structures.
 - Site supervision.
- **Planning of Service Centers in Cairo (1989)**
Private Sector
Preparation of the strategic plan.

- **Awards and Achievements:**

- **First Place:** Competition of the New Administrative Complex for National Authority for Tunnels in the 6th of October City - National Authority for Tunnels – 2012.
- **First Place:** Competition for the Development of Ramses Square - National Organization for Urban Harmony – 2009.
- **Second place:** Maamoura Resort Competition - Port Said Governorate – 2007.
- **First Place:** Heliopolis Club Mosque Competition - Heliopolis Sports Club – 2005.
- **First Place:** Marina Port Said Competition - Port Said Governorate – 2001.