



AHMED MOHAMED SALEH KHEDR





Home Address: 48 New Fustat City, 1st Neighboring, Misr El-Qadima, Cairo, Egypt.

Mob.2: +96534541284 **Mob.2:** +201223957181

Email: asaleh_73@yahoo.com
Ahmed.Khader@eng.suez.edu.eg
Ahmed.Khedr@bue.edu.eg

Born: the 11th of June 1973, Cairo
Nationality: Egyptian

EDUCATION

<p>2004-2010 Suez Canal Univ., Port Said, Egypt</p>  	<p>PhD Thesis Titled: “The Use of Computer Simulated Visualization Techniques to Evaluate Riverfront’s Landscape- an Approach to Public Participation River Nile Banks Regeneration”. Supervisor: Prof. Dr. Mostafa Abdelhafez (Suez Canal Univ.) Co- Supervisor: Prof. Dr. Esam Badran (Suez Canal Univ.) Co- Supervisor: Prof. Dr. Rowayda KAMEL (Cairo Univ.)</p>
<p>2002-2004 Suez Canal Univ., Egypt</p>	<p>PhD courses Candidate for PhD Degree in Landscape Architecture, SCU (Excellent)</p>
<p>1996-2001 Cairo Univ., Egypt</p>  <p>Cairo University</p>	<p>Master of Architectural Engineering Titled: “Design with Water in Urban Contexts-Monitoring and Assessment of Water Uses in External Spaces in EGYPT”. Supervisor: Prof. Dr. Said Eltouny (Cairo Univ.) Co- Supervisor: Prof. Nasamat Abdelqader (Cairo Univ.) Co- Supervisor: Prof. Dr. Rowayda KAMEL (Cairo Univ.)</p>
<p>1995-1996 Cairo Univ., Egypt</p>	<p>Masters’ courses Candidate for M. Sc. Degree in Architecture, Cairo University (Excellent)</p>
<p>1990-1995 Cairo Univ., Egypt</p>  <p>Cairo University</p>	<p>BSc. Degree Degree of Bachelor of Architectural Engineering, Egypt Graduation Project: Distinction Final Year Grade : Very Good</p>
<p>1987-1990 Alsaidya Secondary School, Egypt</p>	<p>General Secondary Certificate</p>

ACTUAL PROFESSION:

<p>04 Feb. 2024 till now</p>	<p>Professor: Faculty of Architecture & Planning, King Khaled University (KKU)ABHA, KSA.</p>
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PERSONAL PROFILE:

	<p>Ahmed Mohamed Saleh Khedr, an Egyptian Architect, and Associate Professor In Architectural Department, Faculty Of Engineering In Suez Canal University, Have A Broad Experience In Urban Planning, Urban Design, Landscape And Architectural Design, Graduated In 1995 From The Department Of Architecture, Faculty Of Engineering, Cairo University. He Obtained His MSc. In 2001 from the Department Of Architecture in Cairo University and PhD in 2010 from Suez Canal University – Port Said, Egypt .</p> <p>Ahmed Saleh Has A Wide Experience In Teaching A Lot Of Architectural Courses Through Working As Part-Time Lecturer In Several Departments Of Architecture In Governmental And Private Egyptian Universities. He Is Also An Academic Visitor In The University Of Sheffield Landscape Department.</p>
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Most Of Current Research Work Focuses on Virtual Environment, BIM, Digital Design, Digital Visualization Techniques, Landscape Architecture, Urban Design, Sustainability, And Social Sciences.

ACADEMIC AND SCIENTIFIC WORK EXPERIENCE

04 Feb. 2024 till now

Professor: Faculty of Architecture & Planning, King Khaled University (KKU)ABHA, KSA.

24 Feb. 2024

Full Professor: Architecture & Urban Planning Department, Faculty of Engineering, Ismailia, Suez Canal University (SCU), Egypt.

1st August 2019, till 03 Feb. 2024

Acting as Head of Architecture Department: Architecture & Urban Planning Department, Faculty of Engineering, Ismailia, Suez Canal University (SCU), Egypt.

Nov. 2018, 24 Feb. 2024

Associate Professor: Architecture & Urban Planning Department, Faculty of Engineering, Ismailia, Suez Canal University (SCU), Egypt.

Dec. 2010, till October 2018

Assistant Professor: Architecture & Urban Planning Department, Faculty of Engineering, Ismailia, Suez Canal University (SCU), Egypt.



Teaching courses:

Undergraduate courses

Graduation project	ARCH 404
Building construction and materials 3	ARCH 202
Building construction and materials 4	ARCH 206
Working design 1	ARCH 302
Working design 2	ARCH 305
Computer Applications in Architecture 1	ARCH 108
Computer Applications in Architecture 2	ARCH 204
Computer Applications in Architecture 3	ARCH 208
Computer Applications in Architecture 4	ARCH 312
Skiagraphy, Perspective & Visual Studies	ARCH 104
Building construction & city planning- for civil engineering	ARCH 211
History and theories of architecture 1	ARCH 103
History and theories of architecture 2	ARCH 107
History and theories of architecture 3	ARCH 203
History and theories of architecture 4	ARCH 303
Architectural Design Studio 2 nd year architecture	ARCH 105
Interior Design in Architecture 1	ARCH 209

Postgraduate courses

Simulation techniques in architecture	ARCH 502
Contemporary architectural Trends in design	ARCH 602
Computer applications in Urban Spaces Simulation	URBL 602

Jan. 2015, till June 2015








Academic Visitor: Department of Landscape Architecture, The University of Sheffield, UK., Working with prof. Eckart Lange, and prof. Olaf Schroth, two of the most famous professionals in landscape architecture.


Sep. 2010, till now

Part-time Associate professor: Architecture Department, Credit hours, Systems, Faculty of Engineering, Cairo University, Egypt.

Teaching courses:

Cad Applications for Civil Engineering	(ARCS 216)
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 Cairo University	<table border="1"> <tr><td>Cad Applications in Architecture</td><td>(ARCN 106)</td></tr> <tr><td>Cad Applications in Civil Engineering</td><td>(ARCN 116)</td></tr> <tr><td>Geometric Modeling</td><td>(ARCN 432)</td></tr> <tr><td>Smart Building Integrated Systems</td><td>(ARCN 303)</td></tr> <tr><td>Building Construction & City Planning</td><td>(ARCN 201)</td></tr> <tr><td>Basic Architectural Design</td><td>(ARCN 110)</td></tr> <tr><td>Independent Studies: Smart Building Information Systems</td><td>(ARCN 434)</td></tr> </table>	Cad Applications in Architecture	(ARCN 106)	Cad Applications in Civil Engineering	(ARCN 116)	Geometric Modeling	(ARCN 432)	Smart Building Integrated Systems	(ARCN 303)	Building Construction & City Planning	(ARCN 201)	Basic Architectural Design	(ARCN 110)	Independent Studies: Smart Building Information Systems	(ARCN 434)
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Basic Architectural Design	(ARCN 110)														
Independent Studies: Smart Building Information Systems	(ARCN 434)														
Sep. 2016, till now  BUC BADR UNIVERSITY IN CAIRO جامعة بدر بالقاهرة	Part-time Associate professor: Architectural Engineering Department, BUC, Badr University in Cairo. Teaching courses: <table border="1"> <tr><td>Graduation Project -1</td><td>ARC 491</td></tr> <tr><td>Graduation Project -2</td><td>ARC 492</td></tr> <tr><td>Skiagraphy, Perspective</td><td>ARC 112</td></tr> <tr><td>Architecture Criticism and project evaluation</td><td>ARC 483</td></tr> <tr><td>History of Islamic Architecture</td><td>ARC 325</td></tr> <tr><td>History of Architecture (1)</td><td>ARC 122</td></tr> <tr><td>History of Architecture (2)</td><td>ARC 223</td></tr> </table>	Graduation Project -1	ARC 491	Graduation Project -2	ARC 492	Skiagraphy, Perspective	ARC 112	Architecture Criticism and project evaluation	ARC 483	History of Islamic Architecture	ARC 325	History of Architecture (1)	ARC 122	History of Architecture (2)	ARC 223
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Architecture Criticism and project evaluation	ARC 483														
History of Islamic Architecture	ARC 325														
History of Architecture (1)	ARC 122														
History of Architecture (2)	ARC 223														
Sep.2017 till now  ACU	Part-time Associate professor: Architectural Engineering Department, ACU, El-Ahram Canadian University, 6 th of October City, Egypt Teaching courses: <table border="1"> <tr><td>History and theories of architecture 1</td><td>(ARC205)</td></tr> <tr><td>History and theories of architecture 3</td><td>(ARC306)</td></tr> <tr><td>Skiagraphy & Perspective</td><td>(ARC210)</td></tr> <tr><td>Visual Studies</td><td>(ARC305)</td></tr> </table>	History and theories of architecture 1	(ARC205)	History and theories of architecture 3	(ARC306)	Skiagraphy & Perspective	(ARC210)	Visual Studies	(ARC305)						
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History and theories of architecture 3	(ARC306)														
Skiagraphy & Perspective	(ARC210)														
Visual Studies	(ARC305)														
Sep. 2016, till jun. 2020  BUE The British University In Egypt الجامعة البريطانية في مصر	Part-time Associate professor: Architectural Engineering Department, BUE, British University in Egypt. Teaching courses: <table border="1"> <tr><td>Introduction to 3d Modeling</td><td>16ARCH09I, 18,19</td></tr> <tr><td>Building Construction (1)</td><td>16ARCH09C, 17,18</td></tr> <tr><td>Building Construction & Management (2)</td><td>18ARCH11C, 19</td></tr> <tr><td>2D CAD for Architectural Design</td><td>19ARCH14C</td></tr> </table>	Introduction to 3d Modeling	16ARCH09I, 18,19	Building Construction (1)	16ARCH09C, 17,18	Building Construction & Management (2)	18ARCH11C, 19	2D CAD for Architectural Design	19ARCH14C						
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Building Construction (1)	16ARCH09C, 17,18														
Building Construction & Management (2)	18ARCH11C, 19														
2D CAD for Architectural Design	19ARCH14C														
Sep. 2014, till Jan. 2015 	Part-time Lecturer: Department of Architectural Engineering and Environmental Design, Arab Academy for Science, <i>Technology and Maritime Transport</i> , Egypt. Teaching courses: <table border="1"> <tr><td>Building Technology-1</td><td>ARC 251</td></tr> </table>	Building Technology-1	ARC 251												
Building Technology-1	ARC 251														
Sep. 2015, till June. 2016	Part-time Lecturer: Department of Architectural Engineering and Environmental Design, Al-Shrouq Academy. Teaching courses: - Computer applications in architecture. - Working drawings design.														
Sep. 2010, June 2014	Part-time Lecturer: Architecture Department, Modern Academy, Egypt. Teaching courses: - Cad Applications in Architecture. - Architectural Design Studio 1.														
2001- 2010	Teaching Assistant: Architecture & Urban Planning Department, Faculty of Engineering, Port Said, Suez Canal University (SCU), Egypt.														

1998-2001	Demonstrator: Architecture & Urban Planning Department, Faculty of Engineering, Port Said, Suez Canal University (SCU), Egypt.
1995-2007	Computer Graphics Trainer: Architecture Department, Faculty of Engineering, Cairo University, Egypt-Teaching software like (AutoCAD, 3Ds-MAX, Photoshop, AutoCAD Architectural Desktop, for architects)
	Professional Experience
1998-till now 	ARCHISCAPE Architects & Planners (Founder): Private office, Introducing Architectures Services and sharing a lot of architectural competitions.
1995-till now	Working with several famous architectural offices in Egypt like: <u>Shafie-Sherif office (Prof. Zakia Shafie and Prof. Ahmed Sherif)</u> <u>White House Prof. Mostafa Abd-Elhafeez (Suez Canal University).</u> <u>Prof. Essam Badran (Suez Canal University).</u> <u>CDC office - Prof. Abdel Halim Ebraheem (Cairo University)</u> <u>Prof. Amr Al-Halafawy (Cairo University)</u> <u>Prof. Momen Afifi (Cairo University)</u> <u>Prof. Ahmed Abdin (Cairo University)</u> <u>Prof. Tarek Abd Elatif (Cairo University)</u> <u>Prof. Ali El-Sawy (Cairo University)</u> <u>Prof. Samy Serag Eldein (Al-Shrouq Academy)</u>
	Educational and cultural projects
2000	Participation in design and Working drawings preparation for buildings Al-Shrouq Academy Buildings
2002	Design of the Institute for Advanced Studies in Katameya.
2003	Design of educational building of the Faculty of Dentistry Suez Canal University.
2004	Participation in design and Working drawings preparation for the British University administrative buildings and conference hall building.
2004	Participation in design and Working drawings preparation for Sallab Academy- Al-Mansoura, Egypt.
2006	Design and Working drawings preparation for for the building of accommodation for staff members and students of the British University., Al-Shrouq city.
2008	Participation in design and supervision on implementation for office building of the Egyptian Company for the distribution of natural gas to cities (ETG).
2011	Design OF Child and Youth Library commissioned by the Cultural Development Fund
2011	The development of Gamal Abdel Nasser, Alexandria Museum commissioned by the Cultural Development Fund.
2016	Design of faculty of specific education Faculty buildings in Bni Sweef University
2020	Design of new Engineering faculty buildings in Suez Canal University
	Office Buildings and commercial building projects
2000	Design and Working drawings preparation for office building in North Sinai
2006	Participation in the primary design of complex office buildings group in Obour City
2007	Design and Working drawings preparation for office building consists of basement, ground floor and mezzanine and ten floors, Batal Ahmed Abdel-Aziz street.
2008	Design and Working drawings preparation for office commercial and Multi stories garage, Damietta, Kafr El-Sheikh.
2010	Design and Working drawings preparation for office consists of basement and ground floor and mezzanine and ten floors 16 and the Ministry of Agriculture Street.

	2014	Design and supervision on implementation for the services buildings Suez Canal University, Ismailia.
	2016	Design and Working drawings for factory, medicines stores and pharmacies compound and its services Suez Canal University Ismailia
	2021	Kaya Plaza -Kenz Mall, 6 th of October city, First Group Company
	2022	Win Plaza Mall, 6 th of October city
		Medical & Healthcare projects
	2008	Integrated design of the Arafat's public hospital (one day hospital) Arafat- Mecca, Saudi Arabia, commissioned by the Ministry of Health with the participation of Pavel Engineering Consultancy Office and White House Consultants.
	2008	Integrated design of the Namera's public hospital (one day hospital) Arafat- Mecca, Saudi Arabia, commissioned by the Ministry of Health with the participation of Pavel Engineering Consultancy Office and White House Consultants.
	2010-2017	Participation in the redevelopment of the extension of Wadi El-Nile hospital affiliate of the Ministry of Defense (Shafie-Sherif office)
	2016	Participation in the schematic design of hospital and staff accommodation of Prince Sultan bin Abdul Aziz humanitarian city, KSA. (Shafie-Sherif office)
	2017	Participation in facade design and working drawings preparation of the four prototype hospitals in KSA (Oncology, Cardiology, Trauma, Ophthalmology centres (100 beds for each centre. (Shafie-Sherif office)
	2018-till now	Participation in the design and working of <u>CAPMED</u> (new educational medical city in Badr City
	2014- till now	Design and supervision on construction phase of Dr. Ashraf Qora Medical clinics branches, Al-Maadi, Misr Al-Gadeda, 5 th Settlement New Cairo, Al-Rehab City and Sheikh Zayed
	2018-2021	Design and supervision on construction phase of Dr. Shady Ali Dental clinics centres in Al-Maadi and 5 th Settlement New Cairo.
		Residential Projects
	2003	Designs of prototypes of family housing commissioned by the Building Research Center, Egypt.
	2004	Participation in the design of residential city project for the Association of Engineers with Prof. Ahmed Abdeen Office.
	2007	Design of residential project with three towers for the Bank of Faisal in Damietta, Egypt.
	2008	Design of residential project within the project of Mubarak Housing at Sixth of October City, Egypt.
	2009	Design and supervision on implementation for Rayat residential compound - Sheikh Zayed city, Egypt.
	2015	Design and Working drawings preparation for Hadeeth Al-Madena residential / administrative / commercial towers with 4000 m2. Beni Sweef, Egypt.
	2017	Design and Working drawings preparation for Nile Panorama towers residential / administrative / commercial with 2000 m2. Beni Sweef, Egypt.
	2020	Design and Working drawings preparation for Residential Complex with 3860 m2. Beni Suef, Egypt.
	2022	Sakan Misr compound, Hurghada, Red Sea Government
	From 1995 till now	Design and supervision on implementation for more than 15 residential towers in Giza Governorate in Dokki areas, engineers, Agouza- Egypt.
	From 1995 till now	Design and supervision on implementation for for a wide range of residential villas and palaces in new urban communities such as the Sixth of October / Sheikh Zayed City / Fifth Avenue City / first community- Egypt.
	From 1995 till now	Design of a wide range of villas and palaces outside the Arab Republic of Egypt in Saudi Arabia / Qatar.
		Urban planning and landscape design projects

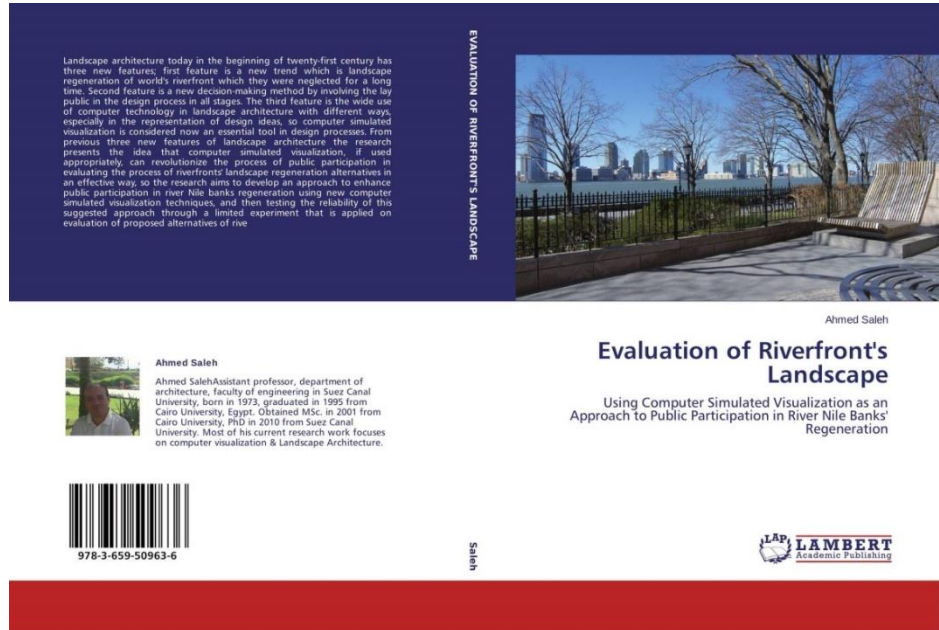
	2003	Participation in number of pilot studies and schemes for the villages of Al-Beheira governorate within the team work of the Suez Canal University team, the national Egyptian planning project for Egyptian villages.	
	2009	Planning and landscape design of Mubarak recreational park in Bir al-AbdNorth Sinai, Egypt.	
	2014	Preparing of the detailed plan for the villages of Ismailia governorate within the team work of the Suez Canal University.	
	From 1995 till now	Landscape design for several residential projects in new urban communities such as the Sixth of October / Sheikh Zayed City / Fifth Avenue City / first community- Egypt.	
		Architectural Competitions	
	1998	Participating in architectural ideas competition for the El-salalm city in Al-Suez governorate, third prize.	
	2003	Participation in the new Hunting club competition, third prize.	
	2003	Participation in the competition of design residential administrative buildings phase 1 and phase 3 win the award prize in the first, and the first prize in the second one.	
	2004	Participation in the civil aviation club competition with Prof. Ahmed Abdeen Office - first prize.	
	2005	Third prize in the administrative building of the new company ENPPI New Cairo, 5th settlements in conjunction with dr. Jasser Abdel Azim.	
	2005	Encouragement prize in the competition of office building of the National United bank, New Cairo, fifth Community in conjunction with the dr. Jasser Abdel Azim.	
	2006	Participation in the residential city competition for workers for Oriental Weavers with Prof. Ahmed Abdeen Office - second prize.	
	2008	Participation in the limited competition of designing the office building of Petrojet company New Cairo, fifth Community, Egypt.	
	2008	Participation in the competition of designing E-Learning university with the office of prof. Mustafa Abdel-Hafiz. Third prize.	
		Skills and Expertise	
		Computer Applications in Architecture: Professional in using and teaching various software: AutoCAD, 3Ds-MAX, AutoCAD Architectural Desktop, Revit, Rhino, Grasshopper, Vray, Lumion, SketchUp, Microsoft Office.	
		Computer-based methods in 3D-Visualization Using and practicing Desktop Virtual Reality, using Browsers like Octaga, Cortona.	
		Presentations – Publishing – Communicating Oral presentations, scientific publications and posters	
		Languages	
		Mother-tongue Arabic High proficiency English Basic skills French	
		Societies Memberships	
		<ul style="list-style-type: none"> ▪ Head of the Higher Committee of recording palaces and villas with distinctive architectural character, Ismailia governorate (representative of Housing Ministry). Since February 2021 till now ▪ Member of the Higher Committee of recording palaces and villas with distinctive architectural character, Ismailia governorate (representative of Housing Ministry). From 2017- January 2021 ▪ Commissioner, Faculty of Engineering, Suez Canal University, Licensing System New Construction Works for Ismailia Governorate Cities 2020. ▪ Head of the team tasked for preparing the manual of Urban Control in Ismailia 2020 ▪ Member of the Higher Committee of recording palaces and villas with distinctive architectural character, Suez governorate from 2018- till now. ▪ Landscape Architecture Consultant for regeneration of Ismailia's public parks ▪ Architectural Consultant for Suez Canal University and for the Engineering centre of Faculty of Engineering. 	

		<ul style="list-style-type: none"> ▪ Member of ERTIQAA-Misr association ▪ Member of the National Organization of Urban Harmony (waterfronts) ▪ Member of the Egyptian Engineers Syndicate ▪ Member of the Egyptian Engineers Association 	
		Publications: Journal articles	
a	2010	Saleh A., Abdelhafez M., Badran E., (2010). "Design Criteria of Evaluating Riverfront's Landscape Regeneration" Port Said Engineering Research Journal, Vol.14, No. (2).	
	2010	Saleh A., Abdelhafez M., Badran E. (2010). "Virtual Reality as a Visualization Tool to Enhance Public Participation in Riverfronts' Landscape Evaluation- Case Study of Al-Gazeera Park on River Nile" Port Said Engineering Research Journal, Vol.14, No. (2).	
	2015	Saleh A., Alshami M., Atwa M., Fathy A., (2015). "Parametric Patterns Inspired by Nature for Responsive Building Façade" International Journal of Innovative Research in Science, Engineering and Technology. Vol. 4, Issue 8.	
	2015	Badran E., Nasr M., Saleh A., Atwa S., (2015). "Contemporary Trends in Landscape Design at Urban Parks" Al-Mataria Engineering Research Journal, Vol. 148.	
	2016	Saleh A., Fathy A., Hegazy M., (2016). "Computational Design as an Approach to Sustainable Regional Architecture in the Arab World". Procedia - Social and Behavioural Sciences, Volume 225, 14 July 2016, Pages 180–190. https://doi.org/10.1016/j.sbspro.2016.06.018	
	2016	Gomaa E., Badran E., Nasr M., Saleh A., (2016). "The Use of Smart Materials in Raising the Efficiency of the Performance of Buildings". International Journal of Application or Innovation in Engineering & Management (IJAEM), Volume 5, Issue 10.	
	2016	Hegazy, M., Fathi, A., & Saleh, A. (2016). "Computation for Culture: Evaluating Computational Design Features of Contemporary Arab Architecture". Journal of Buildings and Sustainability. 1(2), 47-62.	
	2017	Atwa S., Ibrahim M., Saleh A., (2017). "Green Business Parks Towards Sustainable Cities". WIT Transactions on Ecology and The Environment, Vol. 214, April 2017, pp. 9-19, WIT Press, Ecosystems and Sustainable Development XI, ECOSUD 2017, ISBN 978-1-78466-181-6	
	2018	Saleh A., Hegazy M., (2018). "Digital Design in Contemporary Architecture as A Tool Not As An Aim: Towards A Design framework for an identity-conscious Arab architecture". International Journal of Application or Innovation in Engineering & Management (IJAEM), Volume 7, NO. 7.	
	2019	Atwa S., Ibrahim M., Saleh A., Murata R., (2019). "Development of sustainable landscape design guidelines for a green business park using virtual reality". Sustainable Cities and Society (SCS journal), Volume 48, 101543. DOI: 10.1016/j.scs.2019.101543	
	2019	Naeem N., khedr A., (2019). "Impact of Dynamic Facades on Thermal Performance of Office Buildings" International Journal of Application or Innovation in Engineering & Management (IJAEM), Volume 8, Issue 6, ISSN 2319 – 4847.	
	2021	Galhoum M., Abo El-Eneen E., Saleh A., (2021). "The Impact of the Contemporary Construction Materials on the Envelope of Buildings". International Journal of Scientific Engineering and Applied Science (IJSEAS) – Volume-7, Issue-10, ISSN: 2395-3470	
	2021	Foud M., Saleh A., Ashraf F., (2021). "Identifying Architect Role in Heritage Preservation Processes Using Digital Technology". International Journal of Scientific and Research Publications, Volume 11, Issue 10, ISSN: 2250-3153, DOI: 10.29322/IJSRP.11.10.2021.p11825	
	2022	Hassan W., Saleh A., Abo-Elazm F., (2022). "The Impact of virtual environment technology on the architectural design elements of malls". Journal of The Arab association of civilization and Islamic arts, Volume 7, Issue 5, ISSN: 2357-9654, DOI: 10.21608/MJAF.2021.108097.2568	
	2022	Bakir K., El-dek M., Saleh A., (2022). "Green Building Information Modelling to Raise the Efficiency of a Residential Building in the New Administrative Capital". IOP Conf. Series: Earth and Environmental Science, IOP Publishing. doi:10.1088/1755-1315/1113/1/012002	
	2022	Abdelaziz D., Atwa M., Saleh A., (2022). "Rehabilitation of the Lost Urban Spaces below the Elevated Movement Axes within the City". International Journal of Scientific and Research Publications, Volume 12, Issue 9, ISSN 2250-3153, DOI: 10.29322/IJSRP.12.09.2022.p12912	
	2022	Zien E., Ali S., Fouad M., Saleh A., (2022). "Biomimicry as a Catalyst to Improve the Behaviour of Building Performance". International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), p-ISSN: 2320-6710, e-ISSN: 2319-8753, Volume 11, Issue 9, DOI:10.15680/IJIRSET.2022.1109003	
	2023	Saleh A., Hegazy M., (2023.) "Evolution of AI role in architectural design: between parametric exploration and machine hallucination". MSA Engineering Journal, Volume 2, Issue 2 -, 6 March 2023, Page 262-288, DOI: 10.21608/msaeng.2023.291873	

	2023	Saleh A., Atwa S., (2023). "Understanding the Role of Architect in the Artificial Intelligence Era - "An Approach to AIA in Egypt". MSA Engineering Journal, Volume 2, Issue 2, Page 532-550, DOI: 10.21608/msaeng.2023.291901	
	2023	Barakat B., Saleh A., et al., (2023). "Improving the circulation of museum's display halls to adapt with COVID-19 precautionary measures. MSA Engineering Journal, Volume 2, Issue 2, Page 6- 27, DOI: 10.21608/msaeng.2023.291854	
	2023	Magdy A., Hassan A., Saleh A., (2023). "Development of a parametric optimization concept for the sun control of the outdoor spaces: the case study of 5A business park, Cairo, Egypt". Open House International, Emerald Publishing Limited, ISSN:0168-2601, DOI: 10.1108/OHI-07-2023-0162	
	2023	Atwa S., Saleh A., (2023). "Bringing Biophilic Architecture into Business Parks Design towards enhancing Users Experience". Journal of Engineering Research (ERJ), Tanta University, Faculty of Engineering, ISSN: 2356-9441, Vol. 7, No. 4, PP 17-34, DOI: 10.21608/ERJENG.2023.323544	
	2023	Saleh A., Hegazy M., (2023). "An Evaluation of Tools, Parameters, and Objectives in Building Facade Optimization Research. Journal of Engineering Research (ERJ), Tanta University, Faculty of Engineering, ISSN: 2356-9441, Vol. 7, No. 4, PP 65-76, DOI:10.21608/ERJENG.2023.323548	
	2023	Saleh A., Hegazy M., (2023). "Integration of Digital Design Techniques in Architectural Education: A Case Study of the Hybrid Sciagraphy Course in Egyptian Universities". Port Said Engineering Research Journal (PSERJ), Vol. (27), No. (4), ISSN: 1110-6603. DOI:10.21608/PSERJ.2023.230946.1258	
	2023	Naeem N., Abdin A., Saleh A., (2023). "An Approach to Using Shape Memory Alloys in Kinetic Facades to Improve the Thermal Performance of Office Building Spaces," Civil Engineering and Architecture, Horizon Publishing, Vol. 12, No. 1., DOI: 10.13189/XXX.2023.110XXX	
	2023	Elattary T., Abdallah M., Saleh A., (2023)". "A framework for waste management through retrofitting existing buildings". Open House International, Emerald Publishing Limited, ISSN:0168-2601.	
		Publications: conference proceedings	
	2011	Saleh A., Nassar U. (2011). The use of new visualization Tools to Enhance Public Participation in Riverfronts' Landscape regeneration. 4th Urbenviron International Congress on Environmental Planning and Management, Green Cities: a Path to Sustainability, Cairo, Egypt.	
	2013	Ahmad F., Saleh A., Usama N. (2013). Living Bridges on the River Nile: A Vision to Enhance Urban Space Informality and Usage. CUI' 13 Contemporary Urban Issues conference, Istanbul, Turkey.	
	2013	Fathy A., Saleh A., Usama N. (2013). Urban Sustainability and connectivity in gated and Semi Gated housing compounds in new Cairo. CUI' 13 Contemporary Urban Issues conference, Istanbul, Turkey.	
	2016	Elghandour A., Saleh A., Aboeineen O., and Elmokadem A., (2016). Using parametric design to Optimize Building's façade skin to improve indoor daylight distribution. Building Simulation & Optimization 2016, Newcastle, 12th-14th,.Third IBSPA - England Conference.	
		Publications: Books	

2014

Saleh A. (2014). Evaluation of Riverfront's Landscape , Using Computer Simulated Visualization as an Approach to Public Participation in River Nile Banks' Regeneration. LAP Lambert Academic Publishing



[https://www.lap-publishing.com/catalog/details//store/gb/book/978-3-659-50963-6/evaluation-of-riverfront-s-landscape.](https://www.lap-publishing.com/catalog/details//store/gb/book/978-3-659-50963-6/evaluation-of-riverfront-s-landscape)
<https://www.amazon.co.uk/Evaluation-Riverfronts-Landscape-Visualization-Participation/dp/3659509639>

Academic Activities

- **Supreme Council of Universities:** Member of Committee for evaluating the performance of the higher institutes of engineering and technology at the Supreme Council of Universities, from the eighth to the Twelfth session, EGYPT, 2019-2023, till now
- **(AAUP) Arab American University- Gaza:** the first ranked private university in Palestine Faculty of Graduate Studies, Preparing the programs of Graduate studies of (from 2020-2021):
 - Master in Landscape Architecture
 - Master in Construction Management
 - Master in Architecture (M. Arch)
 - PhD in Architecture (PhD Arch.)
 - PhD In Environment Engineering
 - Master of Science in Occupational Safety, Health, and Risk Management
- **(ERASMUS+) IMPAQT: Member of The Egyptian Research Project Partner:** Integrative Multidisciplinary People-cantered Architectural Qualification & Training. This 3-year project funded by the European Commission aims to breed architects capable of initiating a paradigm shift in Egyptian architecture practice from (2017-2020).
- Team leader who established three labs of department of architecture and urban planning in **Suez Canal University**, digital fabrication lab, virtual reality lab and environmental lab.
- **Princess Nourah Bint Abdulrahman University:** “Reviewer” of the report of Interior Architecture Engineering Program (2022), KSA.
- **Buraimi University:** “Reviewer” of the report of Interior Architecture Engineering Program for the college of engineering (2016), Oman Kingdom.
- **Cairo University, Egypt:** Egypt, “External I.T. Jury member” - the AET program – Dept. of Architecture, from 2010 till now.
- **Port-said University, Egypt:** “External Jury member” -Main Stream Graduation Projects 2010, 2011, 2012, 2014, 2016 – Dept. of Architecture.

		<ul style="list-style-type: none"> ▪ Cairo University, Egypt: “External Jury member” -Main Stream Graduation Projects, Dept. of Architecture, from 2020 till now ▪ Arab Academy for Science, Technology & Maritime Transport- Port Said branch “External Jury member” -Main Stream Graduation Projects, Dept. of Architecture, from 2020 till now ▪ Tanta University, Egypt: “External Jury member” -Main Stream Graduation Projects, Dept. of Architecture, 2019 ▪ MSA University, Egypt: “External Jury member” - Graduation Projects, Dept. of Architecture, 2020-2022 ▪ Elshrouq Academy: high institute of Engineering: “External Jury member” - Graduation Projects, Dept. of Architecture, 2023 ▪ Modern Academy: high institute of Engineering: “External Jury member” - Graduation Projects, Dept. of Architecture, 2023 ▪ Cairo University, Egypt: “External Jury member” Various master and PhD thesis ▪ Ain Shams University, Egypt: “External Jury member” Various master thesis ▪ Port-Said University, Egypt: “External Jury member” Various master thesis ▪ Mansoura, Egypt: “External Jury member” master thesis ▪ EFFAT University: “External Jury member” Various master thesis ▪ Manager of quality Assurance and Accreditation: Dep. Of Architecture and urban planning, SCU ▪ Member of Faculty Council: Faculty of Engineering, Ismailia since 2018 ▪ Head of postgraduate control Faculty of Engineering, Ismailia since 2018 ▪ Member of laboratory committee Faculty of Engineering, Ismailia since 2018 ▪ Member of students affairs committee Faculty of Engineering, Ismailia since 2013
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Academic Activities- Peer Reviewer/ Editorial Board Team in:

Journals	<ul style="list-style-type: none"> ▪ Semarak Ilmu Journals, Journal of Advanced Research in Applied Sciences and Engineering Technology ▪ URCAE: Universal Researchers in Civil and Architecture Engineering, Peer Reviewer. ▪ ICEHM: International Centre of Economics, Humanities and management, Peer Reviewer. ▪ Spaces and Flows: An International Journal of Urban and Extra Urban Studies, Peer Reviewer ▪ UPLanD: Journal of Urban Planning, Landscape & environmental Design, Peer Reviewer. ▪ Umm Al-Qura University Journal , Peer Reviewer. ▪ Faculty of Engineering- Cairo university Journal, Peer Reviewer. ▪ Port Said Engineering Research Journal (PSERJ), Peer Reviewer. ▪ MSA Engineering Journal, Peer Reviewer. ▪ Member of Scientific committee 2nd & 3rd Visions for Future Cities, Cairo, Egypt 2022-2023 ▪ IOP PUBLISHING Peer Reviewer
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<p>Conferences / Research association</p>	<ul style="list-style-type: none"> ▪ 3rd Visions for Future Cities, Innovations & Environmental Technologies, Cairo, Sep. 2023 ▪ Artificial Intelligence & Sustainable Engineering Conference: A Path to The Future, March 2023 ▪ 2nd Visions for Future Cities, Innovations & Environmental Technologies, Cairo, Sep. 2022 ▪ 1st Memaryat International Conference, "Architecture of the Future: Challenges and Visions", 18th -20th April 2017. Effat University, Jeddah, Saudi Arabia ▪ BSO 2016, Building Simulation and Optimization 2016, 3rd IBPSA-England International Conference BSO 2016, Great North Museum, Newcastle, 12th - 14th September 2016 ▪ Sustainable Development and Planning 2016, 8th Conference on Sustainable Development & Planning, Wessex Institute, Penang, Malaysia, 6th -8th December 2016 ▪ International Conference Conservation of Architectural Heritage (CAH 2015), Luxor-Aswan, Egypt, 23th -27th Nov. 2015 ▪ CUI 2013, Contemporary Urban Issue Conference, Informality: Rethinking the Urban, DAKAM - Eastern Mediterranean Academic Research Center, Istanbul, Turkey, 4th -6th November 2013 ▪ 4th Urbenviron International Congress on Environmental Planning and Management, Green Cities: a Path to Sustainability, Cairo, Egypt, 10th-13th December 2011
	<p style="text-align: center;">Area of Research</p> <p>Urban Design, Riverfront's Landscape, Public Participation in Architectural, visualization Techniques, Computational design in Architecture, Parametric Design, and BIM Technology in Architecture, Digital Fabrication, and Virtual and augmented Reality, Virtual heritage, Sustainable Architecture.</p>
	<p style="text-align: center;">MSc. and PhD Supervising</p> <ul style="list-style-type: none"> ▪ Contemporary trends in Landscape design at Urban Parks "An Approach to design sustainable Urban Parks"- Sara Atwa. Suez Canal University, MSc. (2015). ▪ Parametric Patterns Inspired by Nature for Responsive Building Façade, Mohamed Elshami, Suez Canal University, MSc. (2016). ▪ Computational Design as an Approach to Neo-Vernacular Architecture in the Arab World- Mohamed Hegazy. Suez Canal University, MSc. (2016). ▪ Using parametric design to Optimize Building's façade skin to improve indoor daylight distribution. Aya Elghandour, Port Said University MSc. (2016) ▪ The Use of Smart Materials in Raising the Efficiency of the Performance of Buildings- Eman Gamal Gomaa. Suez Canal University, MSc. (2017) ▪ The Impact of Contemporary Construction Materials on the Envelope of High Buildings. Marwa Mahmoud. Suez Canal University, MSc. (2021)

- The effect of using dynamic facades on raising the efficiency of thermal performance of office buildings, Nada Naeem. **Suez Canal University, MSc. (2019)**

- Development of an Efficient Egyptian Green Building Code through Simulation Modelling – Case study of Office Buildings. Sara Atwa. **Egypt-Japan University of Science and Technology, PhD, (2019).**

- Identifying the architect role in revitalization process by the utilization of extended reality technology. Fayrouz Ashraf, **Suez Canal University, MSc. (2021)**

- The Effect of the Virtual Environments on Architectural Design of Malls. Wafaa Hassan. **Suez Canal University, MSc. (2021)**

- The Employment of Urban Spaces for The Axes of The Upper Movement Within The City. Doaa Mohamed, **Suez Canal University, MSc. (2022)**

- Sustainable Design by Using Building Information Modeling" (Case Study Buildings in the New Administrative Capital. Kholoud Abdalrahman Mohammed Bakir. **Suez Canal University, MSc. (2022)**

- Biomimicry, an approach for effective design of openings in building skin for environmental adaptation, Enas Zein El-Abedin. **Suez Canal University, MSc. (2022)**

- BIM as tool for waste management through retrofitting existing building. tasneem tawfik. **Cairo University, Egypt, MSc. (2023)**

- Optimization of outdoor thermal comfort In business parks: an urban redesign concept. Ayatallah Magdy Raafat. **Cairo University, Egypt, MSc. (2023)**

- Retracing the physical aspects of urban identity: integrating space syntax in the identification and conservation of port said's urban heritage, Marwa Mohamed Ibrahim, **Suez Canal University, PhD (Current)**








- Smart mobility and transport application as an approach for shaping the new cities in Egypt to become smart sustainable cities. Mona Mohamed Elsaadany, **Suez Canal University, PhD (Current)**

Teaching Qualifications and Trainings

Exams and Students Evaluation Systems	FLDC, Cairo University
Effective Presentation skills	FLDC, Cairo University
Communication Skills in Teaching	FLDC, Cairo University
Use of Technology in Teaching	FLDC, Cairo University
Competing for Research Funds	FLDC, Cairo University
Research Ethics	FLDC, Cairo University
Conference Organization	FLDC, Cairo University
University Code of Ethics	FLDC, Cairo University
Quality Standards in Teaching	FLDC, Cairo University
University Management	FLDC, Cairo University
Legal and Financial Aspects in University Environment	FLDC, Cairo University
The Credit Hour Systems	FLDC, Cairo University
Essential of Integrated Education	FLDC, Cairo University
Staff-Entrepreneurship	FLDC, Cairo University

Critical Thinking	FLDC, Cairo University
International Publishing of Scientific Research	FLDC, Cairo University
Stress Management	FLDC, Cairo University
Fundamentals of Digital Transformation	FLDC, Cairo University

Personal Internet Links

	Google Scholar https://scholar.google.com/citations?hl=en&user=fuckeVEAAAAJ&view_op=list_works
	Scopus https://www.scopus.com/authid/detail.uri?authorId=57195775665
	ORCID https://orcid.org/0000-0002-6574-0603
	https://www.webofscience.com/wos/author/record/ABH-4363-2020
	LinkedIn https://www.linkedin.com/in/ahmed-saleh-466a4525/
	Academia.edu https://scuegypt.academia.edu/ahmedsaleh
	ResearchGate https://www.researchgate.net/profile/Ahmed-Saleh-20

References

- Prof. Ayman Hassaan A. Mahmoud**
PCHE, Ph.D. Sheffield - UK) - Professor of Landscape Architecture & Environmental Planning, Department of Architecture.
Email: alp97ahm@yahoo.co.uk - Mobile: +201006670260
- Prof. Ahmed Reda Abdin**
Professor of Architecture, Architecture Department, Faculty of Engineering, Cairo University, Egypt.
Email: abdinconsult@yahoo.com- Mobile: +201227394966
- Prof. Rowayda Reda Kamel**
Professor of Architecture & Urban Planning, Department of Architecture Faculty of Engineering, Cairo University, Egypt.
Email: maconsultants@yahoo.com - Mobile: +201206161691
- Prof. Essam Badran**
Professor and former Dean, Faculty of Engineering, Ismailia, Suez Canal University, Egypt.
Email: essambadran@hotmail.com - Mobile: +201111168760