



Faysal Abo-El-Azm

Curriculum Vitae

Villa 6 Andalus Compound. Hoda St., El Shorouk City, Cairo , Egypt .

Home: +2 23 14 21 51

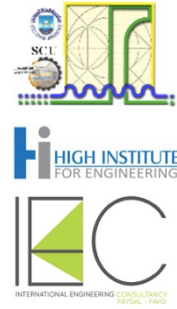
Mobile: +2 010 10 23 23 23

Email: faisal.hussin@eng.suez.edu.eg

faysal.m@iecegy.com

PRESENT OCCUPATION

- Head of Architecture and Urban Planning Department – Faculty of Engineering - Suez Canal University .
- Professor of Architecture Design (Advisor of Graduation Project) , Architectural Engineering Department October High Institute For Engineering and Technology (Part-Time)
- Founder and CEO of International Engineering Consultancy (Egypt - France) Co.



EDUCATIONAL





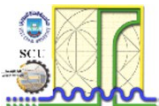

- Master of Business Administration (MBA) - Arab Academy For Science, Technology And Maritime Transport in association with UAB Universitat Barcelona, Spain - Universitat Autònoma de Barcelona. (GPA = 4/4 The First) (2019 - 2024).
- Ph.D. in Architecture -Architectural Department - Faculty of Fine Art , Helwan University (ARE). Titled: **“Creativity in Desgin of urban Civil Structures”** (2005-2009)
- Ph.D. Preparatory Stage, (Very Good - The First) (2004-2005)
- Master in Architecture -Faculty of Fine Arts- Helwan University (ARE). Titled: **“Bridges between Architecture Design and Structure -Analytical Study- ”** (2001-2003)
- Master Preparatory Stage, (Very Good - The Second) (2000-2001)
- Bachelor of Architecture -Faculty of Fine Arts- Helwan University (ARE). General Graduation (Very Good - The Six), Graduation Project (Excellent – The First). (1998-1999)



ACADEMIC PRACTICAL EXPERIENCES

- Lecturer of Architecture Design, Architectural Engineering Department Misr International University MIU . (Part-Time) (2012-2014)
- Lecturer of Architecture Design, Architectural Engineering Department Modern Science and Arts Univ. MSA . (Part-Time) (2011-2012)
- Lecturer of Architecture Design Higher Institute of Engineering in Arish (Arish City) - North Sinai. (Part-Time) (2010-2012)
- Lecture of Architecture Design Architectural Engineering Department College of Engineering & Technology- Arab Academy For Science, Technology and Maritime Transport A.A.S.T. (Part-Time) (2010-2012)
- Lecturer Assistance Architectural Engineering Department College of Engineering & Technology- Arab Academy For Science, Technology and Maritime Transport A.A.S.T. (Part-Time) (2004-2008)



	<ul style="list-style-type: none">▪ Lecturer Assistance Architectural Dep. High Institute for Architecture & Civil Engineering (15 May City).(Part-Time) (2004-2005)▪ Lecturer Assistance , Architectural Department - Faculty of Fine Art , Helwan University (2004-2009)▪ Demonstrator, Architectural Department - Faculty of Fine Art , Helwan University (2001-2003)	  Helwan University																																										
ACADEMIC COURSES SPECIALIST	<ul style="list-style-type: none">▪ Assistant Professor: Architecture & Urban Planning Department, Faculty of Engineering, Ismailia, Suez Canal University (SCU), Egypt. (from 26-2-2012 until now). <table><tr><th colspan="2">UNDERGRADUATE COURSES (CHS)</th></tr><tr><th>Code</th><th>Course Title</th></tr><tr><td>ARCH 102</td><td>Architectural Construction & Material (1)</td></tr><tr><td>ARCH 106</td><td>Architectural Construction & Material (2)</td></tr><tr><td>ARCH 402</td><td>Working Drawings (3)</td></tr><tr><td>ARCH 409</td><td>Building Technology</td></tr><tr><td>ARCH 406</td><td>Quantities Estimating & Specifications</td></tr><tr><td>ARCH 103F107F 203F 403</td><td>History & Theory of Architecture (1) (2) (3) (5)</td></tr><tr><td>ARCH 201</td><td>Architectural Design (3)</td></tr><tr><td>ARCH 205</td><td>Architectural Design (4)</td></tr><tr><td>ARCH 301</td><td>Architectural Design (5)</td></tr><tr><td>ARCH 304</td><td>Architectural Design (6)</td></tr><tr><td>ARCH 404</td><td>Graduation Project</td></tr><tr><td>ARCH 308</td><td>Forms & Arts of Architecture</td></tr><tr><th colspan="2">POSTGRADUATE COURSES (CHS)</th></tr><tr><td>ARCH 602</td><td>Contemporary Modern Architectural Trends in Design</td></tr><tr><td>ARCH 607</td><td>The Principles of architectural criticism</td></tr><tr><td>ARCH 611</td><td>Value Engineering in Architectural Projects</td></tr><tr><td>ARCH 702</td><td>Advanced Architectural Studies</td></tr><tr><td>ARCH 709</td><td>New and Renewable Energy Research</td></tr><tr><td>ARCH 706</td><td>Architectural criticism issues and practice</td></tr></table>	UNDERGRADUATE COURSES (CHS)		Code	Course Title	ARCH 102	Architectural Construction & Material (1)	ARCH 106	Architectural Construction & Material (2)	ARCH 402	Working Drawings (3)	ARCH 409	Building Technology	ARCH 406	Quantities Estimating & Specifications	ARCH 103F107F 203F 403	History & Theory of Architecture (1) (2) (3) (5)	ARCH 201	Architectural Design (3)	ARCH 205	Architectural Design (4)	ARCH 301	Architectural Design (5)	ARCH 304	Architectural Design (6)	ARCH 404	Graduation Project	ARCH 308	Forms & Arts of Architecture	POSTGRADUATE COURSES (CHS)		ARCH 602	Contemporary Modern Architectural Trends in Design	ARCH 607	The Principles of architectural criticism	ARCH 611	Value Engineering in Architectural Projects	ARCH 702	Advanced Architectural Studies	ARCH 709	New and Renewable Energy Research	ARCH 706	Architectural criticism issues and practice	  
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- **Assistant Professor:** Architectural Department Higher Institute of Engineering Arish (Arish City) - North Sinai. (*Part-Time*) (2010-2012)

UNDERGRADUATE COURSES

Code	Course Title
ARCH	Architectural Design 2
ARCH	Experimental Design (Nature Inspiration)
ARCH	Graduation Project
ARCH	Structural Philosophy
ARCH	Architectural Design 3



- **Assistant Professor:** Architectural Engineering Department College of Engineering & Technology- Arab Academy For Science, Technology and Maritime Transport A.A.S.T. (*Part-Time*) (2010-2012)

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ARCH	Architectural Design 2
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- **Assistant Professor:** Architectural Engineering Department October High Institute For Engineering and Technology(*Part-Time*) (2010-Until Now)

UNDERGRADUATE COURSES

Code	Course Title
Arch 411 c	Environmental Design 3
Arch 423 b	Graduation project
Arch 2160 3160	Architecture History and Theories 2 ,3
Arch 325	Architectural Design 3
Arch	Structural Philosophy



TECHNICAL SKILLS AND COMPETENCES

- Excellent in Architecture Concept Generation trying to achieve buildings that support the life - preserving system (Sustainable Architecture Desgin) .
- Excellent in freehand architectural conceptual & presentation sketches (2D - 3D).
- Management, coordinate & review of projects working drawings (Architecture - Structure – MEP).
- Preparation of the architecture projects tender (Specs - BOQ) & coordinate other specializations (Structure - MEP) as a main consultant.
- Supervision architecture works of building contractors during construction of projects & coordinate Supervision Structure & MEP works as a main consultant.

ORGANISATION SKILLS AND COMPETENCES

- Responsible for collaborating with communities to understand their physical & nonphysical needs of the project design and subsequently develop the all necessary methods to support new appropriate creative ideas.
- Schedule and coordinates with all land owners, land developers, building contractors and engineers during construction of projects.
- Responsible for preparing all inspection reports for project files .

PRACTICAL EXPERIENCES	1- ARCH. COMPETITIONS	
	<ul style="list-style-type: none"> Urban and Architectural Competition for an Integrated Residential Compound (100 acres) in Mostakbal City New Cairo City. <i>Owner: Catalyst Developments (Private Sector)</i> 	2024
	<ul style="list-style-type: none"> Urban and Architectural Competition for an Integrated Residential Compound (17 acres) { RIVAN Compound } in New Administration Capital . <i>Owner: Al- Tameer Arabian (Private Sector)</i> 	2022 <i>First Prize</i>
	<ul style="list-style-type: none"> Architectural competition for the House of Egypt International University in Paris <i>Owner: Embassy of the Republic of Egypt in France.</i> 	2019
	Urban and Architectural Competition for an Integrated Residential Compound (30 acres) { KENZ Compound } in 6th October City <i>Owner: First group FG (Private Sector)</i>	2016 <i>First Prize Constructed</i>
	<ul style="list-style-type: none"> Design Competition of MUST New University (20 acres) at 6 October City - Misr University for Science & Technology <i>Owner: MUST Univ.</i> 	2014 <i>First Prize Constructed</i>
	<ul style="list-style-type: none"> Design Competition of Entertainment City (90 acres) at Al Ktamia, Cairo - Cairo Government (ARE) <i>Owner: Cairo Government</i> 	2011 <i>First Prize</i>
	<ul style="list-style-type: none"> Design Competition of Residential Compound (60 acres) at 6th October City <i>Owner: Housing and Development Bank</i> 	2010
	<ul style="list-style-type: none"> Design Competition of Tourist Village (100 acres) at North Coast <i>Owner: First group FG (Private Sector)</i> 	2009 <i>First Prize</i>
	<ul style="list-style-type: none"> Design Competition of Mubarak library <i>Owner: Ministry of Culture</i> 	2008
	<ul style="list-style-type: none"> Design Competition of complex building at Orouba St., Cairo <i>Owner: Adwia company (Private Sector)</i> 	2007
	<ul style="list-style-type: none"> Prototype Kids & Teenagers library of Egypt - Ministry of Culture (ARE) <i>Owner: Ministry of Culture</i> 	2005 <i>First Prize Constructed</i>
	<ul style="list-style-type: none"> Design Competition of Secondary School, association of educational buildings - (ARE) <i>Owner: Ministry of Education</i> 	2002
	<ul style="list-style-type: none"> Design Competition of Petroleum Company Headquarter (NATA) New Cairo, (ARE) <i>Owner: Ministry of Petroleum</i> 	2001 <i>Second Prize</i>
2- IMPORTANT PROJECTS	<ul style="list-style-type: none"> KAYA Complex building (commercial - medical -administration) at 6 October City <i>Owner: FG (Private Sector)</i> 	2024 <i>Constructed</i>
	<ul style="list-style-type: none"> KAZAN PLAZA Complex building (commercial - medical - administration) at 6 October City <i>Owner: FG (Private Sector)</i> 	2022 <i>Constructed</i>
	<ul style="list-style-type: none"> SEE & SEA Tourist Village (130 acres) at North Coast <i>Owner: Future Security Officers Association(Private Sector)</i> 	2018 <i>Under Construction</i>
	<ul style="list-style-type: none"> Obelisk Park landscape (VIP Restaurant) - Development project of Terminal 1, Cairo airport <i>Owner: Ministry of Civil Aviation (ARE)</i> 	2011 <i>Constructed</i>
	<ul style="list-style-type: none"> The urban sprawl on the Corniche Jizan area (400 acres) - Jizan Secretariat (KSA) <i>Owner: Jizan Government (KSA)</i> 	2010 <i>Constructed</i>
	<ul style="list-style-type: none"> Karama Residential Compound (30 acres) Dubai (UAE) <i>Owner: (Private Sector)</i> 	2009 <i>Constructed</i>
	<ul style="list-style-type: none"> Developing project of the historical area of Ain Zubaydah -Jeddah Secretariat (KSA) <i>Owner: Jeddah Government (KSA)</i> 	2008 <i>Constructed</i>
	<ul style="list-style-type: none"> The 16 different type garden project (The family - The ladies- young people - Child, etc.) <i>Owner: Jeddah Government (KSA)</i> 	2007
	<ul style="list-style-type: none"> The administrative residential project (Abdali Area , Kuwait) <i>Owner: Ministry of Agriculture (Kuwait)</i> 	2007 <i>Constructed</i>

	▪Cairo Nile Corniche Development project (Maspero zone) Owner: Ministry of Housing and New Urban Communities (Authority of Urban Planning) (ARE)		2006															
	▪Wing of the Ministry of Health in the Egyptian Book Fair (Session 2003) Owner: Ministry of Health and Population (ARE)		2003															
	▪Commercial, administrative & residential tower (Karbala Tower) Karbala Iraq Owner: (Private Sector)		2003															
COMPUTER SKILLS AND COMPETENCES	Architecture Modelling , drawing & Presentation Programs: [Auto CAD, 3Ds-MAX, AutoCAD Architectural Desktop, Revit, Vray, Sketch Up, Adobe Photoshop] Office Programs : [Microsoft Word - Power point - Excel] Mac (IOS) Programs : [Pages - Numbers - Keynote]																	
SOCIAL SKILLS AND COMPETENCES	Excellent communication skills. Excellent interpersonal, leadership, and motivational skills.																	
LANGUAGES	Mother tongue: Arabic. Other language: English. <table><tr><td colspan="2">Understanding</td><td colspan="2">Speaking</td><td>Writing</td></tr><tr><td>Listening</td><td>Reading</td><td>Spoken interaction</td><td>Spoken production</td><td></td></tr><tr><td>Proficient User</td><td>Proficient User</td><td>Very good</td><td>Very good</td><td>Very good</td></tr></table>			Understanding		Speaking		Writing	Listening	Reading	Spoken interaction	Spoken production		Proficient User	Proficient User	Very good	Very good	Very good
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MEMBERSHIPS	<ul style="list-style-type: none">▪ Member of the Egyptian Engineers Syndicate .▪ Member of the Egyptian Engineers Association .▪ Egyptian Architects Association .																	
PUBLICATIONS Journal Articles	Area of research : Architectural Creativity , Local Smart Architecture, Appropriate technology , Kinetic Architecture, Value Architecture (VArch)																	
March, 2016	1	Faysal M. Abo–Elazm ,Basma S.Saad , Essam B.Al–Einen(2016) “ The Impact of Using Smart Architecture on Architecture Creativity ” Port Said Engineering Research Journal [ISSN 1110–6603], Vol.(20), No. (1), March, 2016.																
February, 2017	2	Faysal M. Abo–Elazm ,Basma S.Saad (2017) “ Towards Novel and Appropriate Smart Buildings @ Beijing Water Cube @ ” International Journal of Environmental Science –IARAS Journals– [ISSN: 2367–8941], Vo.(2), February, 2017.																
May, 2017	3	Faysal M. Abo–Elazm ,Ali Mohamad Swidani (2017) “ The City Of Tomorrow and Culture Heritage Urban regeneration as an effective tool to accomplish the sustainable development in Arab cities @A Case study of Cairo, Egypt@ ” International Journal of Cultural Heritage –IARAS Journals– [ISSN: 2367–9050] , Vo.(2), May, 2017.																
May, 2017	4	Faysal M. Abo–Elazm , Shimaa M. Ali (2017) “ The concept of “Local Smart Architecture”: An Approach to Appropriate Local Sustainable Buildings ” International Journal of Cultural Heritage –IARAS Journals– [ISSN: 2367–9050] , Vo.(2), May, 2017.																
February, 2018	5	Faysal M. Abo–Elazm , Asmaa Soliman El-khalidi (2018) “ Creativity in Sustainable Redesign for Existing Buildings by Using Green Architecture as a Contemporary Trend ” ARCHive International Journal on: The Academic Research Community Publication [ISSN (Print: 2537–0154, online: 2537–0162)] , February, 2018.																
November, 2018	6	Faysal M. Abo–Elazm , Nayera N. Zekry (2018) “ Earthbags and Palms as Appropriate Local Materials towards Sustainable Homes in Sinai (Al@Arish) Egypt ” (2018) International Journal of Application or Innovation in Engineering & Management (IJAIEM) [ISSN: 2319 – 4847] Volume 7, Issue 11, November 2018																

November, 2018	7	Faysal M. Abo-Elazm, Yara E. Emara (2018) “ Low Cost Local Kinetic Architecture Technology to fulfill the User Needs (Function @ Form) of Economic housing in Egypt ” (2018) International Journal of Application or Innovation in Engineering & Management (IJAEM) [ISSN: 2319 – 4847] Volume 7, Issue 11, November 2018									
November, 2018	8	Faysal M. Abo-Elazm, Allaa Mohamed kamel (2018) “ Container Architecture To Solve Egypt's Social@ Housing Crisis ” (2018) International Journal of Application or Innovation in Engineering & Management (IJAEM) [ISSN: 2319 – 4847] Volume 7, Issue 11, November 2018									
February , 2019	9	Faysal M. Abo-Elazm (2019) “ Zero Energy Living Water Towers (ZE@LWT): To Develop the Function and Form of Concrete Water Towers ” (2019) International Journal of Application or Innovation in Engineering & Management (IJAEM) [ISSN: 2319 – 4847] Volume 8 , Issue 2, February 2019									
PUBLICATIONS Conference Proceedings											
December, 2016	1	Faysal M. Abo-Elazm ,Basma S.Saad (2016) “ Towards Novel and Appropriate Smart Buildings @ Beijing Water Cube @ ” 13th International Conference on Energy, Environment, Ecosystems and Sustainable Development (EEESD '17) Rome, Italy.									
December, 2017	2	Faysal M. Abo-Elazm , Asmaa Soliman El-khalidi (2017) “ Creativity in Sustainable Redesign for Existing Buildings by Using Green Architecture as a Contemporary Trend ” Al Azhar’s 14th International Conference on "Engineering, Architecture and Technology" 12–14 Dec.2017 .									
December, 2017	3	Faysal M. Abo-Elazm ,Basma S.Saad (2016) “ Value Architecture (VArch): As another Approach of Value Engineering (VE) ” SDBE London2017 International Conference for Sustainable Design of the Built Environment Pages 134 –144 ISBN 978-1-9997971-0-2									
ACADEMIC ACTIVITES		<p>High Institute For Engineering and Technology, Egypt : “ External Jury member ” Graduation Projects” Dept. of Architecture, from 2010 till now.</p> <p>Faculty of Engineering-Suez Canal University , Egypt : “ External Jury member ” Graduation Projects” Dept. of Architecture and urban planning , from 2012 till now.</p> <p>Mis International University (MIU) , Egypt : “ External Jury member ” Graduation Projects” Dept. of Architecture, 2012.</p> <p>Modern Science and Arts University MSA, Egypt : “External Jury member ” Graduation Projects” Dept. of Architecture, 2012.</p>									
TEACHING QUALIFICATION AND TRAININGS		<table><tr><td>1</td><td>{The Basics of Quality in the Educational Process} - Faculty members and leaders Development Center FLDC , Suez Canal University.</td><td rowspan="4">  </td></tr><tr><td>2</td><td>{University Administration} - Faculty members and leaders Development Center FLDC , Suez Canal University.</td></tr><tr><td>3</td><td>{Academic Advising} - Faculty members and leaders Development Center FLDC , Suez Canal University.</td></tr><tr><td>4</td><td>{Organizing Scientific Conferences} - Faculty members and leaders Development Center FLDC , Suez Canal University.</td></tr></table>	1	{ The Basics of Quality in the Educational Process } - Faculty members and leaders Development Center FLDC , Suez Canal University.	  	2	{ University Administration } - Faculty members and leaders Development Center FLDC , Suez Canal University.	3	{ Academic Advising } - Faculty members and leaders Development Center FLDC , Suez Canal University.	4	{ Organizing Scientific Conferences } - Faculty members and leaders Development Center FLDC , Suez Canal University.
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