

Position	Full Time Faculty Member at Ajman University / UAE
Name	<b>Sahar Makky</b>
Date of Birth	29 <sup>th</sup> February 1964
Rank	Senior Lecturer
Academic Degrees	<ul style="list-style-type: none"> <li>• Master in Architecture / Sudan University of Science &amp; Technology, 2006 Ministry of Higher Education &amp; Scientific Research in UAE Department of Education / Program &amp; Certificates Equivalence/2007</li> <li>• Bachelor in Architecture Engineering / Iraq, 1986 Ministry of Higher Education &amp; Scientific Research in UAE Department of Education / Program &amp; Certificates Equivalence /2007</li> </ul>
Specialization	Architectural Design, Sustainable Building Construction
Research Interests	<ul style="list-style-type: none"> <li>• Healthy Buildings</li> <li>• Building Construction Material &amp; Thermal Insulation</li> <li>• Solar Energy &amp; Green Building</li> <li>• Architecture Identity and Heritage Conservation</li> </ul>
Honors, Awards and Certifications of Appreciation	<ul style="list-style-type: none"> <li>• Award of the Highest Achiever of Faculty Continuing Professional Development as it pertains to Teaching and Learning in the College of Architecture, Art and Design in the academic year 2021-2022</li> <li>• Award from the SAINT-GOBAIN for supervising the competition of Architecture Student Contest 2022 – Warsaw, Poland</li> <li>• Award from Federation of Arab Engineers &amp; Society of Engineers -UAE for organizing The Fifth Women Engineers Forum 2022</li> <li>• Award from Ajman Municipality and Ajman X center for coordinating AU Students Participation in Data Science in Sustainability 2021</li> <li>• Award of participation from Ajman University for organizing AU Graduation Commencements.</li> <li>• Award and Trophy from ADNOC for the active participation in ADNOC STEM @ HOME Champion Award as an Emirati Champion - Volunteering Educational Summer Program &amp; Fall Programs 2020-21</li> <li>• Competition and Research 2018 with 2 first prizes and 2020 – to be granted by Sheikh Zayed Housing Program SZHP and</li> </ul>

	<p>other sponsors like Ajman Municipality and many private companies.</p> <ul style="list-style-type: none"> <li>• 1ST Place Modama Award for the Green Project</li> <li>• Award from SCI Sustainable Campus Initiative–Abu Dhabi Environmental Authority for SAP Initiative</li> <li>• Emirati Champion / The ADNOC STEM @ HOME</li> <li>• ENOC Awards for Saving Energy Project</li> <li>• SDME 1st Prize for BUILDING Construction Method (for the supervised team AQUA GREEN)</li> <li>• SDME 1st Prize for Energy Management (for the supervised team AQUA GREEN )</li> <li>• AU Faculty Member of the Year for Services 2018</li> <li>• Certificate of Appreciation from Ajman Municipality / Ajman Agriculture Competition 2018,2016</li> <li>• Certificate of Appreciation from Ajman University for organizing different activities science 2005</li> <li>• Certificate of Appreciation from Dubai Municipality Fourth International Architectural Conservation Conference on Sustainable Heritage )- Dubai 2016</li> <li>• Certificate of Appreciation from Ajman Municipality for supervising Memorial</li> <li>• Monument for UAE Amidst IN Ajman Competition 2015</li> <li>• for My Intelligent Environment with Real-Estate Regulatory Agency 2015</li> <li>• Certificate of Appreciation from Technical University of Munich for participating ( Luxury Living) workshop which was held at the Institute of Housing Economics -2008-2009</li> <li>• Certificate of Appreciation from EMAAR for supervising ( EMAAR STUDENT COMPETITION ) 2005</li> <li>• Certificate of Appreciation from UM- AL MOUMINEEN WOMEN ASSOCIATION- AJMAN for supervising the competition of AJMAN WOMEN CLUB -2006</li> <li>• Certificates of Appreciation from AJMAN MUNICIPALITY for organizing its first and second annual conferences-2007-2008</li> <li>• Certificates of Appreciation from Faculty of Engineering for:</li> <li>• Participation in ( Architecture and residential development) symposium- 2006</li> <li>• Preparing the Academic Accreditation- 2006</li> <li>• Preparing to the symposium on ( Resent Architectural Development &amp; Urban Growth in UAE- 2007</li> <li>• Certificate of Appreciation from AUSTN &amp; HUMAN LOGIC for participating in the MOODLE Workshop -2009</li> <li>• First Prize for Al- Qadisiya Palace Project (First phase, Second phase)</li> </ul>
Consultation and other community activities	<ul style="list-style-type: none"> <li>• Organizing Public Lecture Architecture of Faith by Mr. Rashad Bukhash</li> <li>• Organizing Public Lecture by Mr. Talik Chalabi Lecture Architectural Principles</li> </ul>

	<ul style="list-style-type: none"> <li>Organizing activities with Ajman Businesswomen Council</li> <li>Organizing Activities with Ajman X center</li> <li>Students art exhibition with Ajman City Center for 22 students</li> <li>Organizing with Society of Engineering –UAE – The Emirati National day 51 celebration</li> <li>Organizing 2 Inbound Webinars - Real Estate Development in UAE by Mr. Manupriam Seth for 70 participants from AU, University of Bahrain , Sheffield University – 17th March and 37 participants in 13th March</li> <li>Organizing Inbound Webinar – Cultural Heritage Deformation by Prof. Hamza Zeghlache &amp; Prof. Amina Abdessemed – to be held on 18th April 2021</li> <li>Organizing Outbound Workshop Studio Reflection Live Workshop with Sheffield University for 44 participants from AU and Sheffield students and faculty members <ul style="list-style-type: none"> <li>Organizing Inbound Webinar – Burra Chapter Webinar by Mr. Rashad Boukhsh for 50 participants from AU, University of Bahrain , Sheffield University and Publics</li> </ul> </li> </ul> <p><b>Architectural Consultation</b>  Architect &amp; planner for many projects in Iraq voluntarily: -</p> <ul style="list-style-type: none"> <li>Designed AUST Renewable Energy Center at Ajman University campus.</li> <li>Consulting the international competition SDME organized by DEWA Solar Decathlon Middle East 2016-2018 and 2019</li> <li>Consulting through the participation voluntarily in The Ministry of Infrastructure Development Initiative Build your house properly “ صمم بيتك صح “</li> </ul>
Scientific & Professional Societies Membership	<ul style="list-style-type: none"> <li>Member of Architectural Heritage Society</li> <li>Member of ICOM - UAE</li> <li>Member of UAE Society of Engineers</li> <li>Member of Iraqi Engineers Union</li> </ul>
Teaching & Practical Experience	<p>2021-Up to Now  Senior Lecturer / AU /College of Architecture, Art and Design</p> <ul style="list-style-type: none"> <li>Architectural Design II &amp; V</li> <li>Working Drawing I &amp; II</li> <li>Engineering Training</li> </ul> <p>2018-2021  Lecturer/ AU/ /College of Architecture, Art and Design  Full time lecturer for these courses- :</p> <ul style="list-style-type: none"> <li>Architectural Design I &amp; IV</li> <li>Working Drawing I &amp; II</li> <li>Building Construction, I &amp; II</li> <li>Engineering Graphics &amp; Perspective, Shade &amp; Shadows</li> <li>Engineering Training</li> </ul> <p><b>2008-2018</b></p>

Faculty of Engineering - Architecture Department

Full time lecturer for these courses- :

- Architectural Design I, II, IV & V
- Working Drawing I & II
- Building Construction, I & II
- Engineering Graphics & Perspective, Shade & Shadows

**2005-2008**

AUSTN/Faculty of Engineering - Architecture Department

- Teaching Assistant with min 40 working hours / weekly. min 24 hour teaching & the rest are office hours.
- Teaching Assistant for many courses :-  
Graduation project I&II, Building Construction I&II, Engineering Graphics, Design I, II, III, Urban Design Perspective, Shade & Shadow

**10/9/2003-28/2/2005**

Sharjah Airport (SAIF – ZONE)-UAE

- Senior Architect- Full Time
- Architectural design, working drawings for different projects for GULF INDUSTRIES CO.
- Urban design for new district in Kabul- Afghanistan
- 200 dwelling units, commercial center, primary school, mosque)
- Interior Design for many companies
- Infinity Transport Consultancy- Dubai
- RAK Airport Executive Terminals and Hungers
- BOQ Surveyor for GULF INDUSTRIES CO. Industrial Workshops and Offices Projects
- Sky Gate International- RAK
- Air- Go (SAIF-ZONE) – Sharjah
- Logos' designer for:-
- Air Gulf Falcon Aviation-(SAIF-ZONE) - Sharjah
- Infinity Transport Consultancy- Dubai
- Sky Gate International- RAK
- Air- Go (SAIF-ZONE) – Sharjah
- Designing Pre-cast concrete units for low coast residential projects/Qatar

**28/2/2001-22/9/2002**

The Consulting Bureau of Iraqi Engineers Union- Baghdad

- Senior Architect
- Architectural design, working drawings for :-
- Buildings for Oil Training Institute.
- The Hospital of the General Veterinary Company.
- Education College Buildings/University of Tikreet.

**1995-1999**

Free lancing Architect

- Architectural design for private villas, commercial buildings (Souq) and Mid-rise commercial/ residential buildings
- Working drawings for different building

#### **1994-1995**

Architectural Engineering Department, Arab University College for Science and Technology- Iraq

- Founder, Department Coordinator
- Logo designer
- Coordinator of the architectural department.
- Curriculum preparing committee's
- Cultural committee member (exhibitions, lectures, conferences.)
- Teaching Assistant:-
- Introduction to Design
- Engineering Graphics.
- Building Construction I & II

#### **8/11/1993-20/10/1994**

Endowments & Religious Affairs Dept. Al- Kailany's shrine - Iraq

- Site Engineer
- A field surveying for the heritage area surrounding Al- Gailany's shrine
- Heritage buildings conservation
- Rehabilitation & Redevelopment of the area & it's surrounding by adding "markets, the Gailany's school, library, car park & open areas."
- Senior Architect in The Engineering Department/Official Office, Baghdad
- Architectural design, working drawings:-
- Two presidential mansions in an archeological site & artificial hills
- A presidential palace next to Tigris River
- A VIPs sepulcher in Sallah Al-Deen district
- A private rest house
- Interior Design for :-
- Festival galleries for the national events
- Meeting halls with different capacities
- Presidential suites

#### **1/7/1991-31/8/1993**

#### **1/5/1986-31/7/1987**

National Consultant – Baghdad- Iraq

- Model Making for State Grand Mosque
- Rehabilitation and Development of Mor Mattai monastery Sponsored by VVIP Udai Saddam Housain
- Structural Details for different buildings
- Architecture Design for Villas in Baghdad

Publishing	<ul style="list-style-type: none"> <li>• The Building Stock in the City of Dubai: A Survey Methodology, Future Cities and Environment Journal , DOI: 10.5334/fce.162 , Nov. 2022</li> <li>• Designing a healthy home in the environment of the UAE, Journal: Environments By Design conference Publisher: AMPS PARADE, 2021</li> <li>• Effect of a Secondary Building Envelope on Cooling Loads in Hot Climates, Scopus Percentile 97% Journal of architectural engineering, <a href="https://ascelibrary.org/journal/jaeied">https://ascelibrary.org/journal/jaeied</a>, 2021</li> <li>• Published Paper title: “The Impact of the Urban Growth on the historical area of Um Al Quwain” / WIT Transactions on the Built Environment, as proceedings of the online conference took place in Seville, Spain (9-11 June 2020) - organized by WESSEX INSTITUTE</li> <li>• Project &amp; a research for a solar house – SDME 2018</li> <li>• The Building Stock in Cities of the Arabian Gulf; The City of Dubai Towards possible Reduction of Cooling Load / Sustainable Cities &amp; Society 2018</li> <li>• Thermal Insulation for existing building in Dubai before 2003, Guide book for Dubai Municipality . paid research from Dubai Municipality 260,000 Dhs. – 2018</li> <li>• Got a fund 100,000 Dhs for the SDME project from Sheikh Zayid Housing Program for the research “The Future House” additional to a fund by services (construction &amp; material )from different companies for the same project 2016</li> <li>• The Building Stock in Cities of the Arabian Gulf; The City of Dubai Towards possible Reduction of Cooling Load / Sustainable Cities &amp; Society</li> <li>• Assessment and Heat Insulation of Buildings-</li> <li>• Before the 2003 Dubai Municipality rules for building insulation with Dubai Municipality</li> <li>• From the sustainable culture to the culture of sustainability</li> <li>• First International Conference for Urban &amp; Architecture Heritage in Islamic Countries: Its role in Cultural &amp; Economic Development - Saudi Commission for Tourism and Antiquities, in cooperation with Research Centre for Islamic History, Art and Culture (IRCICA), The Ministry of Municipality &amp; Rural Affairs, The Ministry of Education, The Ministry of Finance, The Ministry of Higher Education, King Saud University (KSU), &amp; Al Turath Foundation-2011</li> </ul>
	<p>Ajman University Level-:</p> <ul style="list-style-type: none"> <li>• AU International Academic Affairs Committee</li> </ul>

Committees at AU	<ul style="list-style-type: none"> <li>• AU Communication and Outreach Planning Committee Member</li> <li>• AU Activities Management Committee</li> <li>• AU Women Empowerment Council</li> <li>• A member of SDME international competition organized by DEWA – DUBAI</li> <li>• AU DSS – CTC Sub-Committee Support Group</li> <li>• AU Employer of the Month selection committee</li> </ul> <p>College Level:-</p> <ul style="list-style-type: none"> <li>• Coordinator of the External Relations</li> <li>• Coordinator of the College advisory board</li> <li>• Designer of Ajman University Renewable Energy Center</li> <li>• National Day celebration re-presenter</li> <li>• University open day organizer</li> <li>• New student's reception organizer</li> <li>• Science Day organizer</li> <li>• Graduates farewell organizer</li> <li>• Students Council supervisor</li> </ul> <p>Architectural Department Level:-</p> <ul style="list-style-type: none"> <li>• Coordinator of the Part timers committee</li> <li>• Member of Schedule committee</li> <li>• Coordinator of the Department advisory board</li> <li>• Coordinator of the Alumni Committee</li> <li>• Accreditation Committees member.</li> <li>• Public relations committee.</li> <li>• Special &amp; critical students cases committee</li> <li>• Activities committee member.</li> <li>• Summer training committee.</li> <li>• Student's activities committee</li> <li>• Department Annual Exhibitions committee.</li> <li>• Member of Techno Sphere Center</li> </ul>
Workshops & Training Courses	<ul style="list-style-type: none"> <li>• TLC Workshops</li> <li>• Moodle Workshops</li> <li>• 14 Qedex Workshops &amp; Training Courses</li> <li>• IT Department Training Courses</li> <li>• ICOM Workshops</li> <li>• Solar Decathlon– DEWA 2015</li> <li>• Well known architect Ken Yeang 2015</li> <li>• Well known architect – Ton Wilcombs 2012</li> <li>• Well known architect- Will Alsop workshop 2012</li> <li>• Well known architect- Rasem Badran Workshop 2011</li> <li>• LEED workshop 2011</li> <li>• Well known architect - Nicholeta 2010</li> <li>• International workshop – Munich University - Germany 2009</li> </ul>

Other skills	<ul style="list-style-type: none"> <li>• MS-Word, MS-Excel, MS-Power point .</li> <li>• Proficient in reviewing, evaluating architectural working drawings &amp; specification</li> <li>• Ability to develop and teach any course related to design, building construction.</li> <li>• Excellent communication and presentation skills acquired through long teaching experiences and practice .</li> <li>• Comprehensive knowledge of project development, implementation &amp; cost analysis.</li> </ul>
Personals	Gender : Female Nationality : Iraqi Contacts : Mob. 0503626554 Tel. 06-7056730 e.mail: s.makky@ajman.ac.ae Address: Sharjah – Al Mjaz- Maha Tower 1102