

Dr. Muna Mahmoud Salameh

Assistant Professor

Academic Rank

- Senior Lecturer in the Architecture, Art and Design Department – Ajman university.

Qualifications

- PhD in Architecture and Sustainable Built Environment. The British University in Dubai; UAE, 2018.
- Masters in Urban and Regional Planning, Al Najah National University- Palestine, 2004.
- BSc. in Arch. Eng., Al Najah National University- Palestine, 1997.

Research field(s)

- Building construction materials and Techniques.
- Architecture and Sustainable Built Environment
- Sustainability and Energy Saving,
- Urban and Regional Planning
- Conservation of old buildings.
- Courtyard as Passive Design Solution for School Buildings in Hot Area.
- Low Carbon Cooling Approach for the Residences in the UAE: A Case Study in Dubai.
- The effect of school courtyard on students' satisfaction.
- The effect of school courtyard proportions on daylight in the classrooms.
- Feed in Tariff policy in Dubai/UAE
- Challenges and Opportunities of Using E- Learning System in Architectural Curriculum
- Heritage as a bridge to sustainability.

Publications *(Last five years)*

- [Scopus indexed paper](#): Salameh, M. and Touqan, B., 2022. Traditional Passive Design Solutions as a Key Factor for Sustainable Modern Urban Designs in the Hot, Arid Climate of the United Arab Emirates. ***Buildings***, 12(11), p.1811.
- [Scopus indexed paper](#): Salameh, M., Mushtaha, E. and El Khazindar, A., 2022. Improvement of thermal performance and predicted mean vote in city districts: A case in the United Arab Emirates. ***Ain Shams Engineering Journal***, p.101999.

- **Scopus indexed paper:** Touqan, B., Abdul-Ameer, A. and Salameh, M., 2022. HVAC multivariable system modelling and control. *Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science*, p.09544062221138836.
- **Scopus indexed conference:** Courtyard design as a sustainable tool for classrooms' lighting and thermal performance- 6th International Conference on Architecture and Civil Engineering (ICACE2022) – Kuala Lumpur-Malaysia – 18-August -2022. **I got the best presentation award**
- **Scopus indexed conference:** Thermal Conditions and PMV Enhancements in Modern Urban Districts in relation to Traditional ones in Hot-Arid Climate – Ajman-UAE -Ajman 6th International Environment Conference – 28-3-2022
- **Scopus indexed paper:** Heritage conservation as a bridge to sustainability assessing thermal performance and the preservation of identity through heritage conservation in the Mediterranean city of Nablus. *Ain Shams Engineering Journal-A**- Q1. Salameh, M.M., Touqan, B.A., Awad, J. and Salameh, M.M., 2021.
- **Scopus indexed paper:** “An Analysis of Indoor Environment Evaluation for The Springs Development in Dubai, UAE”. *Journal of Open House International-* Q2 -Co-Authors : Dr. Chuloh, Dr. Jihad, Dr. Naglaa, Dr. Muna -2021
-Co-Authors: Dr. Chuloh, Dr. Jihad, Dr. Naglaa, Dr. Muna
- **Scopus indexed:** Courtyard design in schools and its influence on Students' Satisfaction -5th International Conference on Geotechnical Research and Engineering (ICGRE'20), held in Lisbon, Portugal from October 18-20, 2020. **I got the best paper award.**
- **Courtyards as Passive Design Solution For School Buildings In Hot Areas: UAE as a case study 2018 | supervised- publication Source-Work ID: BASE:a4189f02b9c7cb5d9bbe4ecd46b52d0068db5ab8aeba7885d3872700a8f6917.**
Source: Muna Salameh *Via* Base - Bielefeld Academic Search Engine.
- **Scopus indexed:** Courtyard as Passive Design Solution for School Buildings in Hot Area-*Proceedings of the 2nd World Congress on Civil, Structural, And Environmental Engineering- 2017-04 | conference-paper*
DOI: 10.11159/awspt17.141
ISBN: 9781927877296
- **Low Carbon Cooling Approach for the Residences in the UAE: A Case Study in Dubai- *Proceedings of the 2nd World Congress on Civil, Structural, and Environmental Engineering* 2017- 04 | Conference Paper.**
DOI: 10.11159/AWSPT17.127
ISBN: 9781927877296

- Challenges and Opportunities of Using E- Learning System in Architectural Curriculum. Ajman University as a Case Study-3rd International Conference of Education, Research and Innovation Conference-Paper
ISSN: 2340-1095
ISBN: 978-84-614-2439-9
- Soap Factories Architecture and Its Relation to Urban Fabric of the Old City of Nablus- An Najah National University
2003-09 | Dissertation-Thesis-Google scholars. Cited by 1
- Publishing an Article about Old City of Nablus- The -Engineering Association Journal in Gaza/Palestine. March 2013.

Conference Presentation

- Scopus indexed conference: Courtyard design as a sustainable tool for classrooms' lighting and thermal performance- 6thInternational Conference on Architecture and Civil Engineering (ICACE2022) – Kuala Lumpur-Malaysia – 18-August -2022- I got the best presentation award.
- Scopus indexed conference: Thermal Conditions and PMV Enhancements in Modern Urban Districts in relation to Traditional ones in Hot-Arid Climate – Ajman-UAE -Ajman 6th International Environment Conference – 28-3-2022
- Scopus indexed: Courtyard design in schools and its influence on Students' Satisfaction -5th International Conference on Geotechnical Research and Engineering (ICGRE'20), Lisbon, Portugal from October 18-20, 2020.
- Scopus indexed: Courtyard as Passive Design Solution for School Buildings in Hot Areas, Barcelona, Spain – April 2 – 4, 2017, Proceedings of the 2nd World Congress on Civil, Structural, and Environmental Engineering (CSEE'17).
- Scopus indexed: Low carbon cooling approach for residences in the UAE. A case study, Barcelona, Spain – April 2 – 4, 2017, Proceedings of the 2nd World Congress on Civil, Structural, and Environmental Engineering (CSEE'17),
- Participating in the first BUID conference in the British University of Dubai on May 2015. The title of the paper is Courtyard as cooling strategy for schools. May 2015.
- Abstract only: Education For Sustainable Architecture, November -2012, International Conference of Education, Research and Innovation, (Madrid-Spain), ICERI-2012.
- Challenges and Opportunities of Using E- Learning System in Architectural Curriculum- Ajman University as a Case Study, International Conference of Education, Research and Innovation ,(Madrid-Spain)- November 2010.

Courses Taught (*Last five years*)

- Architecture Courses
- Building Construction Courses.
- Sustainable buildings and materials' courses.

- Architecture Landscape Courses.
- Selected topics in Architecture.
- Architectural Design Courses such as Design1, Design 3, Design 4.
- Engineering Graphics
- Perspective Shade and Shadow.
- Introduction to Design.
- ENVI-met Software for Master students- Software related to Architectural and sustainable built environment course.
- Modern teaching methods such as Build to learn, Learn through research
- Active thermal.
- Building conservation.
- Sustainability.

Professional Experience

- Senior Lecturer (Full Time), Architecture Department, Ajman University, UAE, September 2021- Present.
- Lecturer (Full Time), Architecture Department, Ajman University, UAE, September 2008- 2021.
- Teaching Assistant (Part Time), Architecture Department, Ajman University, UAE, September 2004- August 2008.
- Lecturer (Part-time), Fine Art Department, Al Najah National University, Palestine, September 2001- August 2004.
- Teaching assistant (Full Time), Architecture Department, Birzeit University Palestine, September 1999- July 2001.
- Teaching Assistant (Full Time), Architecture Department, Al Najah National University, Palestine, September 1998- July 1999.
- Lecturer (Part-time), Architecture Department, Al Najah National Community College, Palestine, September 1997- July 1999.

Committees Work

- The coordinator for the courses file committee, which involved in all the accreditation processes in the department.
- Participating in many University's Committees related to the Architecture, Art and Design Department such as course file committee, exhibition committee, and textbooks committee 2021.
- Organizing and participating with the students in Carving on Gypsum workshop in the heritage District in Al Shandaghah, as a way of finishing for building Construction Materials –Dubai 2015-2016-2018-2019.
- Workshop about the challenges of renovation of old buildings in modern cities in Budapest April – 2019 Basic Life Support and CPR awareness session for AU community-Ajman University- Ajman-18 Dec. 2019.
- Attending the seventh Annual design MENA Summit- 4th December 2019.
- Attending the URBAN DESIGN & LANDSCAPE SUMMIT and visiting the big five exhibitions -Dubai World Trade Centre -27th November 2019,

- Attended the “Sustainability & Infrastructure Resilience workshop- Sharjah- 25th November 2019
- WICE Networking Serious: Role of Women in the Solar Industry 2- Dubai 2nd March 2016
- Worked as a member in the Annual book of the department (Journal of Ajman Architecture), that book was issued in the 2nd semester 2012-2013.
- Participating in Architectural workshop by the renowned Architects Elke Delugan – Meissl & Roman Delugan at Ajman university 18- 22 February 2012.
- Participating in Architectural workshop by the renowned Architect Tom Wicombe at Ajman University on 21-25 June 2012.
- Participating in the Workshop of "Thinking of Shadow" By Satoshi Okada in the Department of Architectural Engineering College of Engineering/ Ajman University of Science & Technology (AUST), UAE 17/18 – 22/23 October 2012.
- Participating in Architectural workshop named “Towards Organic Architecture “which was held in Rome La Sapienza University of Rome, Architecture Faculty Valle Giulia during prepared by studio Nicolette at Rome, including lecture about the history of Rome planning. 16-21 December 2012.
- Participating in LEED Workshop with ever-blue training institute, at Ajman University 11th June 2011.

Honors and Awards

- A certificate awarded for the best presentation award in Scopus indexed conference: Courtyard design as a sustainable tool for classrooms’ lighting and thermal performance- 6th International Conference on Architecture and Civil Engineering (ICACE2022) – Kuala Lumpur- Malaysia – 18-August - 2022.
- A certificate awarded for me because I was shortlisted in WRIF2022 in the Third Forum for Women in Research "Quwa: Women Empowerment for Global Impact"- Sharjah University-UAE. 25-August -2022
- A certificate awarded for the best paper in the 5th International Conference on Geotechnical Research and Engineering (ICGRE'20), Lisbon, Portugal from October 18-20, 2020.
- A certificate awarded from Dubai Municipality for appreciation the effectiveness participation in Dubai Universal Design Week -30/1/2018
- A certificate awarded for participating in the WICE Networking Serious: Role of Women in the Solar Industry 2-Environmental workshop- Dubai-2nd March /2016
- A certificate for Appreciation for participation in in the seminar of women in science Ajman University & Educational Advisory, Public Affairs Office, U.S., Consulate General Dubai, U.A.E /2012
- A certificate awarded for Appreciation for participation in the survey and documentation of old buildings in Palestinian villages like Tell from Riwaq Institute, Palestine- September 1998

- A certificate awarded for Appreciation for participation in the documentation of Palaces in Bethlahem-Palestinian Ministry of culture , Palestine - September 1998
- Membership in Jordan Engineers Association since 1997.

Other Contributions and Achievements

- Organize different public lectures such as : designing for sustainability presented by Architect Mohammed Jumaa senior coordinator in Green buildings institution – UAE – 3-10-2022.
- Organizing different educational trips for the students such as visiting important architectural buildings like ZAHA Hadid buildings for BEEAH in Sharjah.
- Organizing the sustainable week for the first-year students to increase their awareness toward the sustainability 3-6/10/2022.
- STUDENT DESIGN CHALLENGE COMPETITION - SIXINCH-competition - STUDENT DESIGN CHALLENGE- New way of working, relax, study, play... the competition still running.
- Competition - Ajman Film Biennale - March 2022 Students to design movies that express the future urban planning of UAE
- Sheikh Humid international Reward for sustainability –Me and my student Ahmed Muheb won this prize for the best sustainable Green school Competition- Ajman Municipality –UAE- 2022- and we won.
- Ajman Sustainable Museum and Awareness Center” Competition - Ajman Municipality –UAE- 2020. My students won the second and the third places in the “Ajman Sustainable Museum and Awareness Center” Competition with the sponsorship of Ajman Municipality- Sustainable and Planning Department.
- Safia Park design competition – Ajman Municipality – UAE - 22/2/2018 -My students won the first and the third prizes.
- The P&T competition- My students Maryam and Sara won the 6th rank after they were nominated as one of the best 10 projects out of 120 projects and they were given Honorable certificate , Results of the competition 18-8 -2021 P& T management.
- Nominate names for researchers for the QS survey about Ajman University. From researches who have published papers with me as international co-authors, who can make substantial contribution towards improving our academic reputation indicator.
- Coordinator with a colleague for the partnership between Ajman University and the Sustainable and planning Department in Ajman Municipality in the environmental aspects, for the official involvement in the remote activation participation as part of the development of the partnership, as coordinators Dr. Muna Salameh and Mrs. Nashwa Shiqwara . Note that this partnership is between many sectors in the UAE-2021.
- Participating in many activities for inviting speakers to our department2021:
 - Eng. Rashad Bukhash - Chairman of the Architectural Heritage Society. - Coordination for a Lecture and a workshop.

- Eng. Yaser Kayed Head of sustainable and planning department in Ajman Municipality and Eng. Ammar Khalil
- Under my supervision with colleagues two of my students were nominated for P&T competition 2021, as one of the best 10 projects.
- Engage with Joint Exhibitions between the architecture department and the other colleges in the University, ex: Joint Exhibitions between Engineering college and mass communication college – Ajman University campus on 8-5-2018 , and that was the first time collaboration between the two colleges.
- Engage in different community workshops such as - Basic Life Support and CPR awareness sessions.
- Safia Park design competition – Ajman Municipality – UAE - 22/2/2018 -My students won the first and the third prizes.
- Sustainable Green Schools Competitions- Ajman Municipality –UAE- 2020- The competition is still running.
- Ajman Sustainable Museum and Awareness Center” Competition - Ajman Municipality –UAE- 2020. My students won the second and the third places in the “Ajman Sustainable Museum and Awareness Center” Competition with the sponsorship of Ajman Municipality- Sustainable and Planning Department.
- Engage with schools’ students to give them support and advice about their future career.