

Academic and Non Academic Career of Consultant Architect Emeritus Professor Dr. Miqdad Haidar Al- Jawadi



PhD. In Architecture and Environment/ Strathclyde University / Glasgow / Britain /1986

- **Member of International Association for Housing Science IAHS**
- **Member of the Union of Arab Engineers**
- **Dr. Miqdad Al-Jawadi House Won the prize of the Iraqi Energy Advisory Committee for better Climatic Design in 1992**
- **Winner of City of Baghdad Shield Awarded by Baghdad Provincial Council in Their First Festival in 2012**
- **Winner Of The First Prize For The Green Design Of Diwan Al-Waqf Building, Which designed with Roof Garden Of 4500 M2 , With The Implementation Of Modern Clean Energy Eco-Friendly Techniques**
- **Holds a Nomination for Students and the Public to Honor the Institution TEDX for Cadres of the Most Professional and Educational Tenders in a Referendum in 2013**

Place and Date of Birth: **Baghdad, Iraq. 1-9-1942.**

Address:

1-Department of Civil Engineering ,Al-Rafidain University College, Hay Al-Mustasiriyah, Baghdad, Iraq, P.O.Box. 46036

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Present Post

- 1- Head Civil Engineering Department -Al-Rafidain University Collage- Baghdad**
- 2- Member of technical committee for Iraqi Building Codes since 2013**
- 3. Emeritus Professor, Dept. of Architecture, University of Technology, Baghdad, Iraq.**
- 4. Founder Member of Civil Engineering Department -Al-Rafidain University Collage- Baghdad**
- 5 Professor, Dept. of Architecture, University of Technology, Baghdad, Iraq.**
- 6 Member of the General Steering Conference of the Engineers Union since 2014**
- 7. Member of the Editorial Board of the Iraqi Architecture Journal**
- 8. Member of the Editorial Board of Journal Of Al-Rafidain University College For Science**
- 9. Member of the Advisory Board of the Journal of the appeal of freedom**
- 10. Chairman of the Scientific Committee of the Association of University Lecturers**

Previous Positions and Experience:

- 1. Head of Architectural Technology and Environment Division / Department of Architecture / University of Technology**
- 2. Chairman of the Scientific Committee of promotions at the University of Technology**
- 3. Member of the Board of Center for Environmental Research**

- 4. Member of the Advisory Board of the Ministry of Municipalities / 2004-2005**
- 5. Scientific Assistant to the Head of the Department of Architecture/ University of Technology/ 2001-2003.**
- 6. Head of the Higher Studies Committee/ Department of Architecture/ university of Technology/ 1996-2003.**
- 7. Member of the Administrative Board of Engineering Consultation Bureau / University of Technology.**
- 8. Chief Engineer, Consultation Bureau, DG. Of Al- Fao Establishment/ 1989-1991.**
- 9. Researcher, Building Research Center, Scientific Research Council. .1986-1989**
- 10. Head of the Dept. of Architecture & Environment, Building Research Center, Scientific Research Council 1980-1982.**
- 11. Part - time lecturer at the Department of Architecture, University of Baghdad and University of Technology, 1975-1991.**
- 12. Lab. Assistant Construction and Research Laboratory /Ministry of Works and Housing.1963-1970.**

Interesting topics usually concern in my study and design

- 1 - Sustainable Architecture**
- 2 - The impact of climate in the architectural design for energy consumption**
- 3 –Implementation of new type of Wind catchers for natural ventilation and cooling buildings naturally**
- 4 –Implementation of solar chimneys and solar ventilation for hygienic purposes**
- 5 –The use of alternative energies and fiber glass in buildings in natural lighting**
- 6 - lighting levels for the sky dome of the cities of Iraq and its relationship with the theoretical calculations**
- 7 –Auditorium and acoustic design**
- 8 –Implementation of Roof gardens and design of garden cities for reducing pollution and change cities climate**
- 9- Visual Environment, And The Implementation Of Visual Illusion In Interior Design**

Subjects I used to teach for BSc. MSC. & PhD.

- 1 –Climate and Architecture**
- 2 - Architecture and the Environment**
- 3 - Natural lighting in buildings**
- 4 - Audio architecture and Acoustic designs**
- 5 - Analysis of architectural environment.**
- 6 - Sustainable Architecture**
- 7 - Visual Environment in architectural and urban design**
- 8 –Psychology of architectural language**
- 9 - Analysis of urban environment**
- 10 - Architecture and Energy**
- 11 - Theory of Scientific Research**
- 12 - Analysis of the internal environment**

Scientific Associations:

- 1. International Association for Housing Science IAHS. USA.**
- 2. The Iraqi Academic Association, Iraq**
- 3. IEEE Organization, USA**

Artistic Associations:

- 1. Member of Iraqi Plastic Arts Association.**
- 2. Member of Iraqi Photographers Association.**

Scientific Prizes:

- 1. Prize from the Iraqi Energy Consulting Committee. (Competition on best environmental building design). 1992.**
- 2. Prize from the Supreme Organization for Promoting Innovations (for a New System for Protecting Buildings from Termites Attack).**

Artistic Prizes:

- The first prize of the First exhibition of the Iraqi Photographers Association 1973.**

Unions:

- 1. Member of the Iraqi Engineering Union.**
- 2. Member of the Iraqi Union of Artists.**
- 3. Member of the Iraqi Academics Syndicate**

Further Experience before B.Sc.:

- **7 Years in soil mechanics, roads, and building materials testing 1963-1970, Building Research and Testing Laboratory, Baghdad.**
- **Part - time assistant to the site engineer in building of the College of Dentistry, Baghdad University, 1968-1969.**

Publications:

More than 60 publications, Including four codes of Iraqi Building codes

Supervision on Ph.D. , MSc. And Diploma Thesis ,

Forty three Thesi in architecture and environment, housing and green architecture

Conferences and Symposiums:

More than 100 Conference and symposium

Architectural Design for Large Buildings and Houses

Eleven Large Buildings and six Houses, all were designed to be responsive to Iraqi climate