

**Asst. Prof. Dr. Mahmood Khayat**

B.Sc. M.Sc. Ph.D. Architecture

Consultant Architect

Director of SU. Ishik joint M.Sc. Arch. Board,

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Kurdistan Region – Iraq

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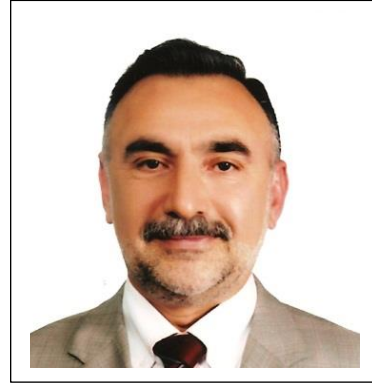
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**Biography:**

Asst. Prof. Dr. Mahmood Ahmed Bakr Khayat is the Director of SU. Ishik joint M.Sc. Arch. Board, he acted as head of Department of Architecture in Salahddin University (2013 - 2018), he was cofounder of post graduate M.Sc. program in his department, and a cofounder of Erbil forum for sustainable development. He was the founder of Mahmood khayat architects in 1990 and Arbil engineering company in 2004 in Baghdad before joining Salahaddin University in 2006, He participated in teaching at Local universities (of Sulaimania, Dohuk, Koya, Gihan, Ishik, and the American University at Dohuk ) as a visiting Professor for limited periods.

Dr. Khayat holds a Ph.D. Arch. (2002) and M.Sc. Arch (1997).from the University of Technology Baghdad- Iraq regarding Architecture as a communication system. Dr. Khayat has published articles, supervised M.Sc. students in Salahaddin University and co-supervised and examined one M.A. Student in Brandenburg Technical University Cottbus-Germany, His research concentrated on defining the vocabulary and grammars of the local Architecture language, this was adopted as a theme of design by making use of perception laws in re calling the architectural vocabulary saved in the deep mental data storage to create an Environment Friend Architecture that can communicate with the audience.

Dr. Khayat has joined many conferences including (not limited to), May 2014 CRSCAD conference in the University of Massachusetts (UMASS) Boston, April 2016, SU-ICEIT as a member of the scientific committee, May 2016 ifpo – AUIS conference at the American University- Sulaimani, and the PASCAL Glasgow June 2016.

In 2015 he was asked to act as director of Erbil research centre for sustainable development and also nominated to become the UNESCO Chair for cultural Heritage at Salahaddin University-Erbil, he is member of directing board of the college of engineering consultancy office, in 2019 IFPO (French institute for near east) awarded Dr. Khayat the title of (IFPO Associate Researcher).

**Details of education:**

**B.Sc. Architecture** -1982 – University of Baghdad - college of engineering department of architecture- Baghdad- Iraq

**M. Sc. Architecture** -1995 –University of Technology Department of architecture – Baghdad –Iraq (Architecture as a language –intentions and meanings), Supervised by: Prof. Dr. Muammel Aladdin (Ph.D. U.K.)

**Ph.D. Architecture** -2002 –University of Technology Department of architecture – Baghdad –Iraq (conventions of Architecture –Structure of Content) Supervised by: Prof. KHALIL ALI (R.I.B.A. B.Sc. Architecture U.K.)

**Research work on going:**

Developing Architecture teaching programs that depends on starting design from value level (as a composition work) side by side with the composition at function and form levels. this was made real by defining the vocabulary and grammars of the local Architecture language, and was adopted as a theme of design by making use of perception laws in re calling the architectural vocabulary saved in the deep mental data storage to create an Environment Friend Architecture that can communicate with the audience.

**Teaching:**

### **BSc.**

- 1- 1<sup>st</sup> year architecture design (2008-2012) & (2014- )
- 2- 3<sup>rd</sup> year architecture design (2012-2014)
- 3- 5<sup>th</sup> year architecture design (2006-2008)
- 4- 4<sup>th</sup> year history of architecture (2006-2008)
- 5- 4<sup>th</sup> year theory of architecture (2008-2014)

### **MSc.**

- 6- Advanced theory of architecture
- 7- Research methodology

### **PHD**

- 8- Conservation theory and practice

**MSc. Supervision:** 8 students

**PHD Supervision:** 1 student

### **Committees:**

- 1- Ministry of higher education Architecture program assessment committee (Member) 2018-2019
- 2- Salahaddin University Joint master program committees (Chair) 2018-2019
- 3- College of Engineering Consultancy office committee (Member) 2010-2013, 2018-
- 4- College of Engineering promotion committee (Member) 2014-2018
- 5- College of Engineering council (Member) 2013-2018
- 6- College of Engineering Quality Assurance committee (Member) 2010-2013
- 7- College of Engineering Health and safety committee (Member) 2010-2013
- 8- College of Engineering central exam committee (Member) 2018
- 9- College of engineering teaching program development committee (Member) 2013-
- 10- Department of Architecture scientific committee (Member) 2018
- 11- Department of Architecture Quality assurance committee (Chair) 2010-2013
- 12- Department of Architecture Health and safety committee (Chair) 2010-2013
- 13- Department of architecture Exam committee (Chair) 2012

### **Main publications:**

- 1-2002- Paper in the first conference of Architecture, University of technology- Baghdad -Iraq  
The intellectual environment of architecture conventions.
- 2- 2002- An essay for the University of Technology architectural journal  
Conventions of Architecture, Highlighting norms of architecture as a communication system
- 3-2007 – UNDP Assessment mission report, As a local expert working with the 2 Italian international experts (CALIA- Maria Luigia) and (BADIOLI – Francesco) the report concentrated on the cultural, architectural and historical value of the five thousand years old continuously inhabited Erbil Citadel
- 4-2007-An interview for the municipality of Erbil Journal, Discussing the efforts of the college of engineering in the Erbil Citadel conservation project
- 5--2008-An essay in the Erbil Engineering union Journal concerning the 11000 sqm car parking and shopping centre designed by Arbil engineering company
- 6-2010- Paper in the Third conference of Architecture, Formal characteristics of vernacular architecture in Erbil city and other Iraqi cities
- 7- Objectives of Architecture Departments Teaching Programs  
First Engineering Education Conference Kurdistan Region, Duhok, Iraq 17-19 April 2012
- 8-Zaytoonah University International Engineering Conference on Design and Innovation in Infrastructure 2012, Jordan. The Role Of Documentation And Measurement Tools In Governing Urban Impact On Environment ,A Study on Erbil City Rapid Development
- 9-2010 Paper published in the Iraqi Journal of Architecture 2010 issue 26 University of technology- Baghdad -Iraq Formal characteristics of vernacular architecture in Erbil city and other Iraqi cities
- 10-2010 Govari Zanco an essay regarding being a second supervisor and an examiner for a German student

in the Brandenburg technical University

11-2014-UMASS Boston USA, CRSCAD Boston 2014 conference, Erbil City Traditional and Vernacular Architecture Disastrous Status

12- 2015-Ishik University Erbil, FIRST INTERNATIONAL CONFERENCE ON ECOLOGY, ENVIRONMENT, AND ENERGY (ICEEE 2014)

13-May 2016 ifpo – AUIS conference at the American University- Sulaimani Cultural heritage and Change

14-PASCAL Glasgow June 2016 Erbil city initiatives as a learning city

15- ZANCO Journal of pure and Applied Science

Erbil City's traditional and vernacular architecture disastrous status, a perception survey using semantic differential scale

17-2016 ZANCO Journal of pure and Applied Science

Foundation schools design efficiency at Erbil governorate

18- Construction forum 15,16-2-2017 Erbil ( **Green Building Certificate and Standards**) -1

19- ISHIK University IEC 2017 (**Green Building Construction Certificate and Standards**)

20-Duhok University scientific Journal (TRACES OF SUSTAINABILITY PRINCIPLES IN ARCHITECTURE TEACHING PROGRAMS AT SALAHADDIN UNIVERSITY)

21- Baghdad 27-12-2017 Center of Urban and Regional Planning (**Green Building Certificate and Standards**)

22-SU-IFPO Erbil symposium October 2018 (Erbil Rapid Urban Growth and Changing Identity)

23- Mosul University conference December 20th 2019 (The role of collaborative perception in determining priorities and procedures of reconstruction of Mosul old city)

### **Conferences and workshops:**

1- 2002 First conference of Architecture, University of technology- Baghdad –Iraq (Paper presenter)

2- 2010 Third conference of Architecture, University of technology- Baghdad –Iraq (Paper presenter)

3- 2010 BTU-SU Cooperation conference Cottbus Germany (SU representative)

4- 2011 SU-ERBIL 2011, 4th International Scientific Conference of Salahaddin University-Erbil Kurdistan, Iraq (Member of scientific committee)

5- 2011 Regional planning in Iraq – Conference, October 3 – 5, 2011 (University team member)

6- ERBIL FORUM FOR SUSTAINABLE DEVELOPMENT first INTERNATIONAL WORKSHOP (Key note speaker)

7- 2012 First Engineering Education Conference, Kurdistan Region University of Duhok (Paper presenter)

8- 2012 Zaytoonah University International Engineering Conference on Design and Innovation in Infrastructure (ZEC infrastructure 2012) Amman – Jordan (Paper presenter)

9- 2012 ERBIL FORUM FOR SUSTAINABLE DEVELOPMENT 2nd INTERNATIONAL WORKSHOP (Key note speaker)

10- 2012 Rapid urban growth and opportunities for sustainable Development, pliq and TU Dortmund conference Duhok, Kurdistan Region, Iraq (Paper presenter)

11- 2013 Nawrose in Dortmund Conference, Dortmund Germany (University representative)

12- 2014 An International Conference on Disaster Mitigation, Preparedness, Response, and Sustainable Reconstruction UMASS Boston USA ( Paper Presenter)

13- 2015 FIRST INTERNATIONAL CONFERENCE ON ECOLOGY, ENVIRONMENT, AND ENERGY (ICEEE 2014) Ishik University Erbil – Kurdistan Region Iraq ( Paper Presenter)

14- 2016 SU-ICEIT 2016 1st International Conference on Engineering And Innovative Technology Erbil, Kurdistan (Member of scientific committee and Paper presenter)

15- May 2016 ifpo – AUIS conference at the American University- Sulaimani, Kurdistan Region, Iraq (presenter)

16- June 2016 PASCAL Glasgow University –UK (Show case presentation)

- 17- Construction forum 15,16-2-2017 Erbil ( **Green Building Certificate and Standards**)
- 18- ICAD 2018 architecture conference (chair for scientific committee) (panellist)
- 19- ifpo 24-25-10-2017 workshop (coordinator and speaker)
- 20- ISHIK University IEC 2017 (panellist)
- 21- Dohuok University Engineering conference 2017 (TRACES OF SUSTAINABILITY PRINCIPLES IN ARCHITECTURE TEACHING PROGRAMS AT SALAHADDIN UNIVERSITY)
- 22- Planning conference 26-12-2017 Baghdad University speaker (**Green Building Certificate and Standards**)
- 23- IFPO workshop Beirut March 22<sup>nd</sup> 2018 (coordinator and speaker) ( Architecture – Archaeology joint Master curriculum )
- 24- 2018 Nawrose University Engineering conference – Dohuk – ( member of the scientific committee)
- 25- SU-IFPO Erbil workshop April 2018 (coordinator and speaker) (Salahaddin University capacity)
- 26- SU- Warsaw U. Conference September 2018 (coordinator and speaker) ( KRG ministry of higher education and universities capacity)
- 27- SU-IFPO Erbil symposium October 2018 (coordinator and speaker) (Erbil Rapid Urban Growth and Changing Identity)
- 28- SU-IFPO Erbil workshop October 2018 (coordinator and speaker) (Designing an Academic Curriculum for the Preservation and Revitalization of the Built Heritage)
- 29- Sulaimanya University Conference November 2018 (Session Chair)
- 30- SU-IFPO Erbil sixth workshop (coordinator and speaker) (UNESCO Chair for cultural heritage at Salahaddin University)
- 31- Mosul University conference December 20<sup>th</sup> 2019 (speaker) (The role of collaborative perception in determining priorities and procedures of reconstruction of Mosul old city)**
- 32- Erbil April 2019 (second international conference on engineering ad innovative technology) ( member of organizing committee)

### **Non Academic positions:**

1983-1986 : Jebrael Khammo Consultant Architects –Baghdad-Iraq- Junior Architect

1986-1992 : Mahmood Khayat Architects - Baghdad –Iraq –General Manager

1992-2004 : Mahmood Khayat Consultant Architects – Baghdad – Iraq- General Manager

1998-2004 : Arbil Engineering Co.- Baghdad –Iraq – General Manager

2004- : **Arbil Engineering Co. – Erbil – Kurdistan Region – Iraq – General Manager**

www.arbilengineering.com was able to design and manage the construction of more than 150000 m2 in Erbil city starting from 2006

2011-2012 **Head of Kurdistan Book Society (NGO)**

2012-2013 International academy for design and health , Erbil mission

2019- IFPO (French institute for near east) Associate Researcher.