

# Curriculum Vitae



## Personal Information

**Full Name:** Amer Mohammed Ibrahim Mohammed  
**Surname:** Al - Mahdawi  
**Date of birth:** 20/9/1970  
**Place of birth:** Diyala  
**Marital status:** Married  
**Full Address:** (Iraq - Diyala - Baquba)  
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## Academic Qualification

**B.Sc.** In Civil Engineering/ Al-Mustansiriya University/ Iraq /  
1/7/1992  
**M.sc.** Civil Engineering / Construction Al-Mustansiriya University/ Iraq  
/19/4/1998  
**Ph.D.** Philosophy in Civil Engineering/ Construction/ Al-Mustansiriya /Iraq/  
14/4/1998

## Scientific and Professional Experiences

1. An engineer in the Military Labor Office for 1.5 years in (1992-1993).
2. Maintenance Committee Manager in the College of Engineering / University of Al-Mustansiriya in 1994.
3. Director of Structures Laboratories for Postgraduate Studies (Laboratory Tests) at the College of Engineering / University of Al-Mustansiriya in 1994.
4. Director of Engineering Affairs Department in the University of Diyala, 2001.
5. Director of the central gateway project and the project of organizing the campus services for the University of Diyala, 2001.
6. Chairman of Civil Engineering Board, Diyala Governorate , 2002.
7. Member of the Engineering consulting office - College of Engineering - University of Diyala since 2002.
8. Consultant and designer of several projects in provinces of Diyala, Karbala, Anbar, Babylon, and Tikrit University (2002-2003).
9. Consultant for a project of typical teaching hospital in Baghdad, 2002.

10. Supervisor of many construction projects in colleges of University of Diyala , such as College of Science, College of Law and Political Science, College of Medicine, College of Veterinary
11. Medicine, College of Education for Humanities, College of Basic Education, College of Physical Education and Sport Science. Supervisor of residential complex project, and the project of infrastructure and the rehabilitation of the university stadium in (2002-2003).
12. Chairman of the Board for the Scientific Consulting Office / University of Diyala since 2003.
13. Head of Civil Engineering Department from 2004 to 2007.
14. Dean of The College of Engineering since June/ 2003 to 2008.
15. Member of the Consulting Board for Civil Engineering in the United Kingdom 2010.
16. Member of the American Concrete Institute ASCE Since 2009.

### Employment, positions and experiences

- 1- Twenty three years of actual service in public sector.
- 2- Positions that he occupied.
- 3- The Dean of the College of Engineering 2003-2008
- 4- Head of Civil Engineering Department 2004-2007
- 5- Director of Engineering Department 2002-2008
- 6- Vice Chancellor for scientific affairs 2008-2011
- 7- Vice Chancellor for administrative affairs 2011-until now

### Achievements and Initiatives

- 1- Strategic Plan for university of Diyala 2012-2016.
- 2- Proposal to establish a research school.
- 3- Membership of Ministerial Committee.
- 4- Completion of the Guide of Strategic Plan for University of Diyala 2012- 2016.
- 5- Pilot research project.
- 6- Winning Award of the Science Day for being the First Professor of the University.
- 7- Having the Membership of the British Consulting Center.
- 8- Obtaining the Scientific Award for creativeness.
- 9- Development of apparatus for measuring thermal conductivity of concrete.  
Patent1

- 10- The use of iron sheets as an alternative to reinforcing iron rebar (tied rebar beam cage) in reinforced concrete thresholds. Patent2
- 11- Peer reviewer of the American Concrete Institute referred Journal.
- 12- Member of the Consulting Board of Diyala Journal for Engineering Sciences.
- 13- Member of the Coordination and Cooperation Committee between University of Diyala And Council of Diyala Governorate.
- 14- Member of the Construction and Investment Committee.
- 15- Promoted in the membership of the Engineers Syndicate.
- 16- Member of the Committee to study proposals.
- 17- Membership of the Creators Assessment Committee.
- 18- Member of the Committee.
- 19- Chief of the Quality Assurance Council.
- 20- Chairman of the committee.
- 21- Member of the Ministerial Committee

## Publications, Studies and Papers

1-The 28 days compressive strength of Portland cement in Iraqi and international standards.

Al-Fatih Jornal, Iraq

2-The effect of stability and bowing on elastic behavior of plane steel from.

Diyala journal of applicd researches , Iraq

3-Effect of bracing for multy story building under earth quake.

Diyala journal of applicd researches , Iraq

4-The effect of dension reinforcement percentage on flexural behavior of repaired beams.

Diyala journal of applicd researches , Iraq

5-laboratory study of the influence some variable on mechanical and dynamic properties of roller compacted concrete.

Diyala journal of applicd researches , Iraq

6-Finite element modeling of composite beam with external pre-stressed.

International conference on construction and building technology , Foreigner

7-Flexural behaviour of repaired high and normal strength reinforced concrete beams.

ISCIE'08 International seminar on civil of infrastructure Engineering 2008 , Foreigner

8-Non linear behavior of reinforced concrete beam with external priestesses.

Journal of Engineering and Development , Iraq

9-The effect of several factor on flexural behavior of external prestress concrete beam.

International technical conference 2008 , Foreigner

10-Efect of temperature on the pozzolanic produced from Iraqi kaolin clay.

Journal of Al-Fatih , Iraq

11-Finite element analysis of reinforced concrete beams strengthened with CFRP in flexural.

Diyala journal of applicd researches , Iraq

12-Investigatrons to the parameters effecting shear strength of RC beams strengthened with CFRP laminations.

Diyala journal of applied researches , Iraq

13-Finite element modeling of reinforced concrete beams withFRP laminates.

Internation of Engineering convention 2009 , Britain

14-Parametric study of continuous concrete beam external tendon.

Journal of Science and Technology , Jordan

15-Finite element modeling of reinforced concrete beams strengthened with FRP laminates.

European Journal of Scientific Research , Foreigner

**16-FLEXURAL CAPACITIES OF REINFORCED CONCRETE TWO-WAY BUBBLEDECK SLABS OF PLASTIC SPHERICAL VOIDS**

Diyala journal of engineering sciences , Iraq

17-Finite Element Modeling of Continuous Reinforced Concrete Beam with External Pre-stress

2010 Concrete Bridge Conference Proceedings: Achieving Safe, Smart & Sustainable Bridges, America

18-Finite element modeling of composite steel-concrete beams with external prestressing

International Journal of Civil & Structural Engineering , Foreigner

**19-THE EFFECT OF NANO METAKAOLIN MATERIAL ON SOME PROPERTIES OF CONCRETE.**

Diyala Journal of Engineering Sciences , Iraq

20-Finite element analysis of reinforced concrete beams strengthened with CFRP in flexural.

Diyala Journal of Engineering Sciences, , Iraq

21-Finite element modeling of reinforced concrete beams strengthened with FRP laminates.

European Journal of Sci. Research, Euro Journals Publishing, Inc , Foreigner

22-Nonlinear Behavior of Continuous Composite Steel Concrete Beam with External Prestress

International Journal of Innovative Technology and Exploring Engineering (IJITEE) , Foreigner

23-Parametric Study of Continuous Concrete Beam Prestressed with External Tendon

Jordan journal of civil engineering , Jordan

24-Finite element analysis of reinforced concrete slabs with spherical voids

Diyala Journal of Engineering Sciences , Iraq

**25-NONLINEAR ANALYSIS OF SIMPLY SUPPORTED COMPOSITE  
STEEL-CONCRETE BEAM**

Diyala Journal of Engineering Sciences , Iraq

**26-Structural Behavior of Strengthened RC Beams in Shear using CFRP Stri**

The Open Civil Engineering Journal , Foreigner

**27-Influence of concrete strength on the cycle performance of composite steel  
plate walls**

Diyala Journal of Engineering Sciences , Iraq

**29-The effect of infill steel plate thickness on the cycle behavior of steel plate  
shear walls**

Diyala Journal of Engineering Sciences, Iraq

**30-Bending behavior of steel circular hollow section with openings**

journal of Scientific Association of Colleges and engineering institutes in universities members of the  
Association of Arab Universities, Foreigner

**31-Behaviour and strength of sustainable rubberized reinforced concrete beams  
strengthened by CFRP**

Journal of Engineering and Sustainable Development , Foreigner

**32-BEHAVIOUR OF WIDE REINFORCED CONCRETE BEAMS WITH  
DIFFERENT SHEAR STEEL PLATES SPACIN**

Journal of Engineering and Sustainable Development , Foreigner

**33-STRUCTURAL BEHAVIOR OF COMPOSITE REINFORCED  
CONCRETE DECKS WITH LIFE LINE STEEL TUBE SYSTEMS**

Diyala Journal of Engineering Sciences ,Iraq

**34-Behaviour and Strength of Sustainable Rubberized Reinforced Concrete  
Beams Strengthened by CFRP**

Journal of Engineering and Development ,Iraq

**35-Using Deferent Techniques For Thermal Conductivity Evauation For  
Recycled Concrete**

16th and 2nd Conference of Building and Construction Engineering, Foreigner

**37-Study of adding cement to hardened powered novolac resin matrix for  
manufacturing novel concrete in the presence of heat and pressure**

Diyala Journal for pure science , Iraq

**38-Participation of graduate students in the fourth stage**

Fourth Annual Student Conference for Graduation Projects , Iraq

**39-Administration in Iraq (between reality and future)**

Annual International Conference - Kue University ,Iraq

**40-Design of reinforced concrete structure (ACI- 05), Auther**

## Courses and Development Workshops

- 1-Rehabilitation And Development of Higher Education Program 2004 , United kingdom.
- 2-Symposium (syndrome of sick buildings)2017 Iraq.
- 3-Training course for newemployees 2017 Iraq
- 4-Twelfth Technical Forum 2009 Egypt
- 5-Fourth Annual Student Conference for Graduation Projects 2017 Iraq
- 6-The Second Forum of Presidents of Arab and European Universities Egypt 2009
- 7-Course in the British Council British 2004

## Languages

Languages:

- 1-Arabic (Mother tongue)
- 2-English ( writing, reading and speaking)

## Computer Skills

- 1-Ability to use Microsoft Office
- 2-Ability to use Internet and multiple search engines

## Letters of Thanks and appreciation

- 1-Minister of Higher Education and Scientific Research (9) letters of gratitude and appreciation
- 2-Deputy Minister of Higher Education and Scientific Research (2) letters of gratitude and appreciation
- 3-House of Representatives (2) letters of gratitude and appreciation
- 4-President of the University (41) letters of gratitude and appreciation
- 5-Vice chancellor of University (3) letters of gratitude and appreciation
- 6-Dean of College (11) letters of gratitude and appreciation
- 7-Governor of Diyala (2) letters of gratitude and appreciation

- 8-Headquarter of Police in Diyala (1) letters of gratitude and appreciation  
9-Mother & Child Research Center (1) letter of gratitude and appreciation  
10-Head of Department (1) letter of gratitude and appreciation  
11-Diyala Company for Electrical Industries. (1) letter of gratitude and appreciation