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Iraq - Diyala – Baquba
20/9/1970

Academic Qualification

- B.Sc. In Civil Engineering/ Al-Mustansiriya University/ Iraq (1992)
- M.sc. Civil Engineering / Construction Al-Mustansiriya University/ Iraq (1998)
- Ph.D. Philosophy in Civil Engineering/ Construction/ Al-Mustansiriya /Iraq (2002)

Thanks and appreciation book

- Minister of Higher Education and Scientific Research
9 Books
- Deputy Minister of Higher Education and Scientific Research
2 Books
- House of Representatives
2 Books
- President of the University
41 Books
- Vice chancellor of University
3 Books
- Dean of College
11 Books
- Governor of Diyala
2 Books
- Headquarter of Police in Diyala
One Book
- Mother & Child Research Center
One Book
- Head of Department
One Book
- Diyala Company for Electrical Industries
One Book

Achievements and Initiatives

- **The Dean of the College of Engineering** 2003-2008
- **Engineering department manager** 2002-2003
- **Head of Civil Engineering Department** 2004-2007
- **Assistant to the President of the University for Scientific Affairs / University of Diyala** 2008-2011
- **Assistant to the President of the University for Administrative Affairs/University of Diyala** 2011-2019
- **Assistant to the President of the University for Scientific Affairs / University of Diyala** 2019 until now

Scientific and Professional

- An engineer in the Military Labor Office for One years in (1992-1993).
- Director of the Maintenance Committee at the College of Engineering / Al-Mustansiriya University in 1994 .
- Director of Engineering Affairs at Diyala University, 2002.
- Director of the main portal project and site services organization project for Diyala University, 2002.
- Member of the Engineering Consulting Office - College of Engineering - University of Diyala from 2002 to 2009.
- Consultant and designer for many projects in; Diyala Karbala, Anbar, Babylon, Tikrit University in (2002-2009).
- Consultant for a project and a model teaching hospital in Baghdad, 2002.
- Supervisor of many projects in the colleges of Diyala University, such as: science, law, medicine, veterinary medicine, education, physical education, basic education, housing complex project, infrastructure project and rehabilitation of the university stadium in (2002-2003).
- Chairman of the Board of Directors of the Office of Scientific and Scientific Advisory Services / University of Diyala since 2003-2009.
- Head of Civil Engineering Department from 2004 to 2007
- Dean of the College of Engineering from 2003 to 2008



Achievements or Initiatives

Achievements or Initiatives	The Beneficiary	Brief Description of the Achievement	The Mission
Assignment to follow up on the details of the plan, the strategic plan of the University of Diyala	University of Diyala	the strategic plan of the University of Diyala	2012-2016
A proposal to establish a research school	Ministry of Higher Education and Scientific Research	A study that included a proposal to establish a research school related to the concept of overlapping science in the development of structural materials engineering and sustainable structural engineering.	study provider
Membership of a ministerial committee	Ministry of Higher Education and Scientific Research	Participation in a ministerial committee related to the consideration of the national program for sustainable engineering	Member of the Commission
Completion of the strategic plan guide for Diyala University 2012-2016	University of Diyala	Completion of a guide for the strategic plan of Diyala University for the period 2012-2016, followed by a guide to the results and percentages of its implementation.	Supervisor of the work team
Research Pilot Project	Ministry of Higher Education and Scientific Research	The best structural materials for ceilings and walls used in the construction of residential units	The team leader
Obtaining the Science Day Award for the first professor at the university	University of Diyala	Scientific excellence	Award Winner
Obtaining the membership of the British Consulting Center	UK Civil Engineering Advisory Council	Membership of the UK Civil Engineering Advisory Council	Advisor

Scientific Creativity Award	University of Diyala	Obtaining the Scientific Creativity Award presented by Diyala University as the best teacher at the university for the 2015-2016 academic year	Award Winner
Patented	-----	Development of a Lee device to measure the thermal conductivity coefficient of concrete	Staff member
Patented	-----	The use of iron sheets as a substitute for shear reinforcing steel (Atari) in reinforced concrete beams	Staff member
Patented	-----	Treatment of concrete cracks using locally isolated Bacillus subtilis	Staff member
Patented	-----	Design, Fabrication and Inspection of Horizontal/Inclined Rotating Load Device (Simulation of Earthquakes)	Staff member
Patented	-----	Development of joints of steel structures to resist earthquakes using composite iron/rubber screws	Staff member
Assessor of the Journal of the American Concrete Institute	American Concrete Institute	Scientific excellence	evaluator magazine
Member of the advisory board of Diyala Journal of Human Sciences	College of Engineering/ University of Diyala	Scientific excellence	Advisory board member

Member of the Coordination and Cooperation Committee between the University and Diyala Provincial Council	Diyala University / Diyala Governorate	Member of the Committee to Strengthen Relations and Cooperation between the University and Diyala Provincial Council	Member of the Commission
Member of the Construction and Investment Committee	Diyala Governorate Office	Member of a committee related to the reality of reconstruction, investment and infrastructure development in the governorate	Member of the Commission
Promotion in the Engineers Syndicate membership	Iraqi Engineers Syndicate	Get a new rank	Advisor
Member of the committee to study proposals	Ministry of Higher Education and Scientific Research / Contracts Department	Studying proposals for completing completed and under-executed projects through investment	Member of the Commission
Membership of the Creative Evaluation Committee	Research and Development Department	Membership of the Creative Evaluation Committee in ministries and agencies not affiliated with a ministry	The head of committee
Membership of the Bid Analysis Committee at the University of Diyala	University of Diyala	-----	Member of the Commission
Presidency of the Quality Assurance Council	University of Diyala	Chairing the Quality Assurance, Evaluation and Accreditation Council at Diyala University	The head of committee

Chairing a committee to prepare an integrated study on the establishment of a soil mechanics laboratory in the College of Engineering	University of Diyala	-----	The head of committee
Contractor Selection in Projects Construction		Intellectual Protection	Staff member



Research or working papers

Research Title	The magazine, conference, or entity to which it is submitted	Year of Publication	country of publication
The 28 days Compressive Strength of Portland cement in Iraqi and International Standards	Al-Fatih Jornal	2003	Iraq
The Effect of Stability and Bowing on Elastic Behavior of Plane Steel Form	Diyala journal of applicd researches	2005	Iraq
Effect of Bracing for Multy Story Building under Earth Quake	Diyala journal of applicd researches	2005	Iraq
The Effect of Denison Reinforcement Percentage on Flexural Behavior of Repaired Beams	Diyala journal of applicd researche	2006	Iraq
laboratory Study of the Influence some Variable on Mechanical and Dynamic Properties of Roller Compacted Concrete	Diyala journal of applicd researches	2007	Iraq

Finite Element Modeling of Composite Beam with External Pre-Stressed	International conference on construction and building technology	2008	Foreigner
Flexural Behaviour of Repaired High and Normal Strength Reinforced Concrete Beams	ISCIE'08 International seminar on civil of infrastructure Engineering 2008	2008	Foreigner
Non Linear Behavior of Reinforced Concrete Beam with External Priestesses	Journal of Engineering and Development College of Engineering/Al-Mustansiriya University	2008	Foreigner
The Effect of Several Factor on Flexural Behavior of External Pre-stress Concrete Beam	International technical conference 2008	2008	Iraq
Effect of Temperature on the Pozzolanic Produced from Iraqi Kaolin Clay	Journal of AlFatih	2008	Iraq
Finite Element Analysis of Reinforced Concrete Beams Strengthened with CFRP in Flexural	Diyala journal of applied researches	2009	Iraq
Investigatrons to the Parameters Effecting Shear Strength of RC Beams Strengthened with CFRP Laminations	Diyala journal of applied researches	2009	Iraq
Finite Element Modelling of Reinforced Concrete Beams with FRP Laminates	Internation of Engineering convention 2009	2009	Foreigner
Parametric Study of Continuous Concrete Beam External Tendon	Journal of Science and Technology/Jordan	2009	Arabic
Finite Element Modelling of Reinforced Concrete	European Journal of Scientific Research	2009	Foreigner

beams strengthened with FRP laminates			
Flexural Capacities of Reinforced Concert Two-Way Bubble deck Slab of Plastic Spherical Voids	Diyala journal of engineering sciences	2013	Iraq
Finite Element Modelling of Continuous Reinforced Concrete Beam with External Pre-stress	Concrete 0212 Bridge Conference Proceedings: Achieving Safe, Smart & Sustainable Bridges	2010	America
Finite Element Modeling of Composite Steel-Concrete Beams with External Prestressing	International Journal of Civil & Structural Engineering	2012	Foreigner
The Effect of Nano Metakaolin Material on Some Properties of Concrete	Diyala Journal of Engineering Sciences	2013	Iraq
Finite Element Analysis of Reinforced Concrete Beams Strengthened with CFRP in Flexural	Diyala Journal of Engineering Sciences, ISSN	1999	Iraq
Finite Element Modelling of Reinforced Concrete Beams Strengthened with FRP Laminates	European Journal of Sci. Research, Euro Journals Publishing, Inc	2009	Britain
Nonlinear Behavior of Continuous Composite Steel Concrete Beam with External Prestress	Journal International of Innovative Technology and Exploring Engineering (IJITEE)	2013	Foreigner
Parametric Study of Continuous Concrete Beam Prestressed with External Tendon	Jordan journal of civil engineering	2010	Jordan
Finite Element Analysis of Reinforced Concrete Slabs with Spherical Voids	Diyala Journal of Engineering Sciences	2013	Iraq
Nonlinear Analysis of Simply Supported	Diyala Journal of Engineering Sciences	2013	Iraq

Composite STEEL concrete Beam			
Structural Behavior of Strengthened RC Beams in Shear using CFRP Strips	The Open Civil Engineering Journal	2017	Foreigner
Influence of concrete strength on the cycle performance of composite steel plate wall	Diyala Journal of Engineering Sciences	2016	Iraq
The Effect of Infill Steel Plate Thickness on the Cycle Behavior of Steel Plate Shear Walls	Diyala Journal of Engineering Sciences	2017	Iraq
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	2017	Arabic (Association of Arab Universities)
Behaviour and Strength of Sustainable Rubberized Reinforced Concrete Beams Strengthened by CFRP	Journal of Engineering and Sustainable Development	2016	Iraq
Behaviour of Wide Reinforced Concrete Beams with Different Shear Steel Plates Spacing	Journal of Engineering and Sustainable Development Vol	2016	Iraq
Structural Behavior of Composite Reinforced Concrete Decks with Life Line Steel Tube Systems	Diyala Journal of Engineering Sciences	2016	Iraq
Behaviour and Strength of Sustainable Rubberized Reinforced Concrete Beams Strengthened by CFRP	Journal of Engineering and Development		Iraq
Using Deferent Techniques For Thermal	Sixteenth and Second Conference on	2017	Federation of Arab Engineers /

Conductivity Evaluation For Recycled Concrete	Structural Engineering and Construction		Syndicate of Engineers
Study of Adding Cement to Hardened Powdered Novolac Resin Matrix for Manufacturing Novel Concrete in the Presence of Heat and Pressure	Diyala Journal for pure science	2017	Iraq
Share the research of the fourth stage students	Fourth Annual Student Conference for Graduation Projects	2017	Iraq
Administration in Iraq (between reality and the future)	Annual International Conference / Koya University	2017	
Design of Reinforced Concrete 05 Structure (ACI- 05)	Completed	2009	
Structural Behavior of Composite Reinforced Concrete Decks with Life Line Steel Tube Systems	Diyala Journal of Engineering Sciences	2016	Iraq
Effect of Naoh Molar Concentration to Soft Clay Soil Stabilized by Fly Ash Based Geopolymer Mechanical Strength Subjected to Initial Heating	International Journal of Engineering Research and Science & Technology	2018	Iraq
Strength and Ductility of Bubbled Wide Reinforced Concrete Beams with Diverse Types of Shear Steel Plates	International Journal of Engineering & Technology	2018	Arabic
The Ovalisation of Steel Circular Hollow Sections under Bending	Diyala Journal of Engineering Sciences	2018	Iraq
Elastic-Plastic Behavior of Circular Hollow Section Steel Tubes Subjected to Bending.	Journal of Engineering Science & Technology Review	2018	Iraq

Evaluation of Legislation Adequacy in Managing Time and Quality Performance in Iraqi Construction Projects-a Bayesian Decision Tree Approach	Civil Engineering Journal	2018	Foreigner
Study the Response of Bubbled Wide Reinforced Concrete Beams with Different Shear Steel Plate Spacing	Diyala Journal of Engineering Sciences	2018	Iraq
Valuation of Legislation Adequacy in Managing Time and Quality Performance in Iraqi Construction Projects-a Bayesian Decision Tree Approach	Civil Engineering Journal	2018	Foreigner
Effects of Temperature in Different Initial Duration Time for Soft Clay Stabilized by Fly Ash Based Geopolymer	Civil Engineering Journal	2018	Foreigner
Experimental Study of Push-out Test of Circular Steel Tube with Various Types of Shear Connectors	The 1 International Scientific Conference of Engineering Sciences (ISCES)	2018	Foreigner
Effect of Corrugation Angle and Direction on the Performance of Corrugated Steel Plate Shear Walls	Civil Engineering Journal	2018	Foreigner
Influence of Concrete Strength on the Cycle Performance of Composite Steel Plate Shear Walls	Diyala Journal of Engineering Sciences	2018	Iraq
Improving Flexural Behavior of Textile Reinforced Concrete One	Civil Engineering Journal	2019	Foreigner

Way Slab by Removing Weft Yarns with Different Percentages			
Effect of Construction Type on Structural Behaviour of RC Bubbled One-Way Slab	Diyala Journal of Engineering Sciences	2019	Foreigner
Flexural Behavior of Concrete Composite Beams with New Steel Tube Section and Different Shear Connectors	Tikrit Journal of Engineering Sciences	2019	Iraq
The Effect of Balls SHAPES and Spacing on Structural Behaviour of Reinforced Concrete Bubbled Slabs	Journal of Engineering and Sustainable Development	2019	Foreigner
Impact Assessment of Active Learning in Physics and Comparison with Meta-Analyses	Bulletin of the American Physical Society	2019	Foreigner
Effect of Steel Tube Thickness on Flexural Behavior of Concrete Composite Beams Using Different Section Shapes	Diyala Journal of Engineering Sciences	2019	Iraq
Investigation to Some Preliminary Geotechnical Properties of Soft Clay Stabilized by Fly Ash Based Geopolymers	Key Engineering Materials	2020	Foreigner
Development of Steel Structure Connections for Seismic Resistance using Composite Steel Bolts/Rubber	IOP Conference Series: Materials Science and Engineering	2020	Foreigner
Innovative Steel Connections with Composites Steel Bolts/Rubber Subjected	IOP Conference Series: Materials Science and Engineering	2020	Foreigner

to Horizontal/Inclined Cyclic Loads			
Impact of Health Education Program on Health Related Quality of Life Among Patients with End Stage Renal Disease on Hemodialysis and their Caregivers at Ain Shams University ...	QJM: An International Journal of Medicine	2020	Foreigner
Modified Geopolymer Paste Adhesive Bond Material for Near Surface Mounted Strengthening Technique	IOP Conference Series: Materials Science and Engineering	2020	Foreigner
The Role of Shear Span to Effective Depth ratio (a/d) on the Deflection in Deep and Normal Reinforced Concrete Beams when this Ratio is (1, 2, 3, and 4)	IOP Conference Series: Materials Science and Engineering	2020	Foreigner
Finite Element Analysis OF Reinforced Concrete WIDE Beams using Internal Steel Plates as Shear Reinforcement	Journal of Engineering Science and Technology	2020	Foreigner
Using Wasted Rubber Material for Reducing Loads and Energy Dispersal in Building Industries: State of the Art	IOP Conference Series: Materials Science and Engineering	2021	Foreigner
Experimental Study and Numerical Simulation of Plane Steel Frame with Rubberized Connecting Technology Subjected to Seismic Effect	Engineering and Technology Journal	2021	Foreigner
The Effect of Adding Shear Connectors to the Composite Slabs with	Diyala Journal of Engineering Sciences	2021	Iraq

Different Geometry of Profile Steel Sheet			
Investigation on the Seismic Performance of High-Strength Bolt-Rubber (HSBR) Connection in a Steel Frame	Diyala Journal of Engineering Sciences	2021	Iraq
Numerical Analysis of Voids Wide Reinforced Concrete Beams using Steel Plates for Shear Reinforcement	Journal of Engineering Science and Technology	2021	Foreigner
Evaluation and Prediction of the Bending Behavior of Circular Hollow Steel Tube Sections Using Finite Element Analysis	Materials	2021	Foreigner
Evaluation and Numerical Investigations of the Cyclic Behavior of Smart Composite Steel–Concrete Shear Wall: Comprehensive Study of Finite Element Model	Materials	2022	Foreigner
Seismic Analysis of the Steel Frame with Rubber-Sleeved Bolt in the Column-Base Connections		2022	Foreigner
Development of Steel Structure with Rigid Connection Subjected to Horizontal Cyclic Load By Using Rubber Washer	Diyala Journal of Engineering Sciences	2022	Iraq
Modelling of Cyclic Load Behaviour of Smart Composite Steel-Concrete Shear Wall Using Finite Element Analysis	Buildings	2022	Foreigner

Experimental Analysis of Steel Circular Hollow Section under Bending Loads: Comprehensive Study of Mechanical Performance	Materials	2022	Foreigner
Structural Behavior of Composite Slabs with Different Geometry of Profile Steel Sheets	2nd International Scientific Conference of Engineering Sciences (ISCES 2020)	2021	Iraq
Structural Behavior of Composite Reinforced Concrete One-Way Slabs Voided with Plastic Bubbles	ASCE	2022	America



Development courses and workshops

Course or workshop name	Organisers	The nature of the post	Country	Duration	
				From	To
Higher Education Rehabilitation and Development Program 2004	United kingdom	Presence	United kingdom	March 20, 2004	March 28, 2004
Symposium (Sick Building Syndrome)	College of Engineering/ University of Diyala	participant	Iraq	26/4/2017	26/4/2017
Onboarding course for new employees	Center for Development and Continuing Education/ University of Diyala	lecturer	Iraq	7/3/2017	7/3/2017
Twelfth Technical Forum	South Valley University	Presence	Egypt	March-2009	March-2009
Fourth Annual Student Conference for Graduation Projects	College of Engineering/ University of Diyala	Post graduation research	Iraq	11/May/2017	11/May/2017
The Second Forum of the Presidents of Arab and European Universities	Cairo University	Presence	Egypt	11/13/2009	11/16/2009
British Council course	British cultural center	Presence	United kingdom	17/3/2004	17/3/2004



PhD Project Titles

No.	Project Titles	Period
1	Flexural Behaviour of Bubbled Reinforced Concrete Slab	2012
2	Structural Behaviour of Composite Steel Pipes-Concrete Deck System	2016
3	Structural and Behaviour of Bubble Wide Reinforced Concrete Beams with Shear Steel Plates	
4	Structural Behavior of Plane Steel Frame Under Horizontal/Inclined Cyclic Loading with Smart Connections	2020
5	Influence of Geotechnical Characteristics during the Earthquake on Steel Structure Performance at Big Cities in Iraq using GIS Based Tool	2022
6	Experimental and numerical study of structural performance of rubber sleeved steel bolt connection of steel frames under cyclic loading	2022
7	Monitoring projects preferment by using hyperd IOT and AI technology	2022
8	Experiment and Modeling Analysis of some Mechanical Properties of Concrete using Natural Zeolite	2022



Masters Project Titles

N0.	Project titles	Period
1	Strength and Behavior of Bubbled Reinforced Concrete One Way Slabs	2018
2	Mechanical and Insulation Properties of Light Weight Concrete Produced by Phenolic Resin (Novolac)	2016
3	Structural behavior of Corrugated Steel Plate Shear Wall	2019
4	Strength and Slip Behavior of Composite Reinforced Concrete Beams with Different Cross Section Shape(Constant Area)	2020
5	Numerical Analysis of the Plane Steel Frames with Steel/Rubber Bolt Connections Subjected to Seismic Loading	2021
6	Structural Behaviour of Composite Reinforced Concrete Bubbled One Way Slab	2021
7	Interaction Effect of Steel/Rubber Bolt in Base and Joint Connection on Structural Performance of Steel Frame under Cyclic Load	2022