

PERSONAL DETAILS

ADIL MAHDI JABBAR

Assistant Professor Doctor

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🏠 IRAQ – Wasit – Kut City

🧑 Male



University degree	PhD
Academic title	Asst. Prof. Dr.
General specialization	Civil Engineering
Subspecialty	Structural Engineering
Last academic title Date	21/ 1/ 2025

ACADEMIC ACCOUNTS

	https://orcid.org/my-orcid?orcid=0000-0003-4337-7601
	https://www.scopus.com/authid/detail.uri?authorId=57268821600
	https://www.researchgate.net/profile/Adil-Jabbar-3?ev=hdr_xprf
	https://scholar.google.com/citations?user=nAXZ5rMAAAAJ&hl=ar
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PERSONAL SUMMARY

- Dr. Adil holds a PhD in Structural Engineering from the University of Technology in Baghdad, Iraq, in 2021. He also earned a Master's degree in Structural Engineering in 1996. He also earned a Bachelor's degree in Building and Construction Engineering from the University of Technology in 1992.
- Assistant Professor at the College of Engineering, University of Wasit, Department of Architectural Engineering.
- Teaching engineering mechanics, strength of materials, reinforced concrete design, steel structure design, building construction, and structural systems for standard and high-rise buildings.

SKILLS

Teaching – Research – Academic Writing – Software Proficiency

○ Subject Teaching

Engineering Mechanics	Reinforced Concrete Design	Structural Systems
Strength of Materials	Steel Structure Design	
Structural Analysis	Building Construction	

○ Research Interests

Shear in RC Beams	Fibers Effects on Concrete	Supplementary Cementitious Materials
Short & Long Columns	Steel Fibers	Sustainability in Buildings
Finite Element Analysis	Basalt Fibers	Abaqus Software
Structural Analysis of RC members		

○ Academic Writing

Case Studies
Review Articles
Theoretical & Experimental investigations
Finite Element Analysis by Abaqus Software

○ Software Proficiency

Abaqus Software	MS word
Autodesk Revit	MS Excel
Autodesk Robot Structural Analysis	MS PowerPoint

RESEARCH ARTICLES

NO.	RESEARCH TITLE	JOURNAL TITLE
1	Estimation of fresh concrete temperature	Wasit Journal of Engineering Science
2	Ultra-High Performance Concrete Preparation Technologies and Factors Affecting the Mechanical Properties: A Review	IOP Conference Series: Materials Science and Engineering
3	The effect of using basalt fibers compared to steel fibers on the shear behavior of ultra-high performance concrete T-beam	Case Studies in Construction Materials
4	Mitigation of the Factors Affecting the Autogenous Shrinkage of Ultra High Performance Concrete	Engineering and Technology Journal
5	Impact of Dilation Angle and Viscosity on the Ultra High Performance Concrete Behavior in Abaqus	IEEE Xplore
6	Using Fibers Instead of Stirrups for Shear in Ultra-High Performance Concrete T-beams	Australian Journal Of Structural Engineering
7	Structural Behavior of Ultra-High-Performance Concrete Beams Under Flexural and Shear Action: A Review	Engineering and Technology Journal

8	A Theoretical Study to Predict the Flexural Strength of Singly and Doubly Reinforced Ultra-High Performance Concrete Beams	Journal of Engineering Science and Technology Review
9	Numerical Simulation Of Ultra-High-Performance Concrete's Compressive And Tensile Behavior In Beams	Journal of Applied Engineering Science
10	Impact of Failure-surface Parameters of Concrete Damage Plasticity Model on the Behavior of Reinforced Ultra-high Performance Concrete Beams	Periodica Polytechnica Civil Engineering
11	Experimental and Numerical Investigation of the Impact of Basalt Fibers and Tie Spacing on Short Concrete Column Behavior	International Journal of Engineering
12	Numerical Analysis of Sectional Shape Effect on Behavior of Short Concrete Columns	ICASEA 2023, IEEE
13	Experimental and Numerical Behavior of Basalt Fiber Reinforced Short Concrete Columns Under Axial Loading	Periodica Polytechnica Civil Engineering
14	A Numerical Study to Investigate Shear Behavior of High-strength Concrete Beams Externally Retrofitted with Carbon Fiber Reinforced Polymer Sheets	International Journal of Engineering
15	Effect of Fire Flame on Some Mechanical Properties of Self-Compacting Concrete	Al-Esraa University College Journal for Engineering Sciences
16	Using Cementitious Materials to Enhance Concrete Properties and Improve the Environment: A Review	Wasit Journal of Engineering Science
17	Numerical Analysis of Sectional Shape Effect on Behavior of Short Concrete Columns	Wasit Journal of Engineering Science
18	Impact of Merging Basalt Fibers with Various Types of Concrete and the Factors Affecting Them: A Review	Al-Esraa University College Journal for Engineering Sciences
19	A numerical investigation of the structural behavior of reinforced concrete beams fully or partially encased with UHPC layers in flexure	Structures
20	Sustainability Investigation Of The Old Mustansiriya Madrasa In Modern Construction: A Comparative Study	Journal of Islamic Architecture
21	Using Digital Software To Design Interactive Smart Canopies For The Outdoor Environment	Architecture and Engineering
22	Urban Resilience Strategies: Creating Adaptable and Sustainable Public Spaces Along Riverbanks in Mid-Sized Cities – A Case Study of Kut City	International Journal of Sustainable Development and Planning

PARTICIPATION IN CONFERENCES

IOP Conference Series: Materials Science and Engineering	Wasit, Iraq	2021
2023 International Conference on Advances of Sustainable Engineering and its Application (ICASEA)	Wasit, Iraq	2023

SCIENTIFIC ACTIVITIES

EDUCATIONAL COURSES

Research Writing Tools
3D Drawing Using Rhino

Seismic Design Requirements for Buildings and Structures According to Iraqi Code 303
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Developing Word and Excel Skills

Using Abacus Structural Analysis

Multi-story buildings: types, features, and construction systems
--

Scientific research skills and publishing in reputable journals

Scientific research writing and source organization skills using approved documentation programs
--

Statistical applications for engineering research

WORKSHOPS & SEMINARS

More than 40 seminars, scientific lectures, and workshops

PARTICIPATION IN SCIENTIFIC ACTIVITIES

Attending numerous seminars, scientific lectures, and workshops. The attendance number reached approximately 40 participations.

RESEARCH REVIEW ACTIVITY

Reviewing research papers from international journals

More than 50 reviews

Reviewing research papers from local journals and conferences

About 14 reviews

THANKS AND APPRECIATION LETTERS

More than 50 thank-letters.

PARTICIPATION IN COLLEGE COMMITTEES

More than 70 committees