

Brief Vitae

Fahad Alsharari

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Education

Degree	Specialization	Country	University	Year
Ph.D.	Civil Engineering, (Structural Engineering)	USA	University of Missouri	2021
MSc.	Civil Engineering, (Structural Engineering)	USA	University of Missouri	2017
BSc.	Civil Engineering	KSA	Jouf University	2013

Academic/Non-academic experience

Job Title	Institution	Date
Assistant Professor	Jouf University	2022- Present
Lecturer	Jouf University	2018-2022
Teaching Assistant	Jouf University	2014-2018

Briefly list of publications and presentations

Research Title	Type (Journal / Conference)	Journal / Conference Name	Date
Data-driven strategy for evaluating the response of eco-friendly concrete at elevated temperatures for fire resistance constructio	Journal	Results in Engineering	2023
A soft-computing-based	Journal	Construction and	2023

modeling approach for predicting acid resistance of waste-derived cementitious composites		Building Materials	
Sustainable alternate binding material for concrete using waste materials: A testing and computational study for the strength evaluation	Journal	Journal of Building Engineering	2023
Effect of Silica Fume on Compressive Strength and Water Absorption of the Portland Cement–Silica Fume Blended Mortar	Journal	Arabian Journal for Science and Engineering	2023
Effect of fly ash and waste glass powder as a fractional substitute on the performance of natural fibers reinforced concret	Journal	Ain Shams Engineering Journal	2023
Metaheuristic artificial intelligence (AI): Mechanical properties of electronic waste concrete	Journal	Construction and Building Materials	2023
Assessing the performance of palm oil fuel ash and Lytag on the development of ultra-high-performance self-compacting lightweight concrete with waste tire steel fibers	Journal	journal of Building Engineering	2023
Flexural performance of concrete beams internally reinforced with steel, geogrid and GFRP meshes	Journal	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY- JMR&T	2023
Predictive modelling for the acid resistance of cement-based composites modified with eggshell and glass waste for sustainable and resilient building materials	Journal	JOURNAL OF BUILDING ENGINEERING	2023

Impact of Nano-silica on the hydration, strength, durability, and microstructural properties of concrete: A state-of-the-art review	Journal	Case Studies In Construction Materials	2023
Predicting Parameters And Sensitivity Assessment Of Nano-Silica-Based Fiber-Reinforced Concrete: A Sustainable Construction Material	Journal	Journal Of Materials Research And Technology-Jmr&T	2023
Efficient Beam Element Model For Analysis Of Composite Beam With Partial Shear Connectivity	Journal	Composite Structures	2023
Investigating The Retrofitting Effect Of Fiber-Reinforced Plastic And Steel Mesh Casting On Unreinforced Masonry Walls	Journal	Materials	2023
Evaluating The Impact Of Nano-Silica On Characteristics Of Self-Compacting Geopolymer Concrete With Waste Tire Steel Fiber	Journal	Archives Of Civil And Mechanical Engineering	2022
Failure Behavior Of Composite Bolted Joints: Review	Journal	Civileng	2022
Sustainable Use Of Waste Eggshells In Cementitious Materials: An Experimental And Modeling-Based Study	Journal	Case Studies In Construction Materials	2022
Monotonic Property Of Steel-Rc Composite Beams Strengthened With Externally Pre-Stressed Tendons	Journal	Canadian Journal Of Civil Engineering	2022
Effect Of The Progressive Failure Of Shear Connectors On The Behavior Of Steel-Reinforced Concrete Composite Girders	Journal	Buildings	2022

Numerical Investigation Of The Monotonic Behavior Of Strengthened Steel-Concrete Composite Girders	Journal	Engineering Structures	2021
Pre-Damage Effect On The Residual Behavior Of Externally Post-Tensioned Fatigued Steel-Concrete Composite Beams	Journal	Structures	2021
Analytical Model And Parametric Study For Externally Post-Tensioned Reinforced Concrete-Steel Composite Beams	Journal	Structures	2020
Fatigued Composite Beam With Different Shear Connection Arrangement	Conference	Structures Congress	2020
Fatigue Testing Of Post-Tensioned Steel-Concrete Composite Beams	Conference	Structures Congress	2020
Investigation Of Finger Plate Expansion Devices Behavior	Conference	Structures Congress	2019

Committees and Units (Briefly)

Committee/Unit Name	Date	Position	Organization
Standing Committee for Central Laboratories	2023	Member	Jouf University
Scholarship Affairs Committee	2023	Head	Faculty of Engineering
Training Committee	2023	Head	Civil Engineering Department
Graduation Projects Committee	2023	Head	Civil Engineering Department
Scholarship Affairs Committee	2022	Head	Faculty of Engineering
Training Committee	2022	Head	Civil Engineering Department
Graduation Projects Committee	2022	Head	Civil Engineering Department

List of recent professional / academic development activities

Title	workshop /seminar/ training course	Date	Place	Organization
Certificate of Professional Engineer in the Saudi Council of Engineers	Certificate	2023	Saudi Arabia	Saudi Council of Engineer
Methodology for Updating the Saudi Building Code system	Workshop	2023	Dammam	Saudi Building Code
Certificate of ready buildings inspector	Training course	2023	Online	Saudi Real Estate Institute
Learning Outcomes Analysis	Training course	2023	Online	Jouf University
Data Collection and Classifications	Training course	2023	Online	Jouf University
Publications in highly ranked journals	Training course	2023	Online	Jouf University