



Dr. Musaad Al-hawas

Assist. Prof

Personal Data

Nationality | Saudi Arabia

Department | Building Engineering – College of Architecture & Planning

Official IAU Email | maalahawas@iau.edu.sa

Office Phone No. | 31787

Language Proficiency

Language	Read	Write	Speak
Arabic	✓	✓	✓
English	✓	✓	✓
Others	✓	✓	✓

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2024	Doctor of Philosophy	UK	University of Nottingham
2016	Master of Science in Architecture (Energy Conservation & Design)	USA	University of Arizona, Arizona,
2011	Bachelor of Building Engineering	Saudi Arabia,	University of Dammam,

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

Master	Toward Net-Zero Residential Buildings in the Arabian Gulf Region (Lessons Learned from the Arabian Gulf Vernacular Architecture)
PhD	Transitioning Toward Net-Zero Residential Buildings (N-ZRBs) on the Arabian Gulf Region

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
Assist. Prof	Department of Building Engineering, College of Architecture and Planning, IAU University, Dammam, Saudi Arabia	2025-present



Lecturer	Department of Building Engineering, College of Architecture and Planning, IAU University, Dammam, Saudi Arabia	2016-2025
Teaching Assistant	Department of Building Engineering, College of Architecture and Planning, IAU University, Dammam, Saudi Arabia	2011-2016

Scientific Achievements

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
	Shamsad Ahmad, Yassin Shaher Sallam & Mosaad Abdulaziz Al- Hawas	Effects of Key Factors on Compressive and Tensile Strengths of Concrete Exposed to Elevated Temperatures	Arabian Journal for Science and Engineering, Published: 29 May 2014

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
	Mosad Alhawas & Rabah Boukhanouf	Concept of net-zero-ready residential buildings in hot-humid region (Lessons learned from the Arabian Gulf vernacular architecture)	SET 15-17 August 2023, United Kingdom

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Design Studio – 6,7,8, 9, 10	BSTC 302, 401, 402, 501, 502	Design Studio
2	Green/Sustainable	BSTC 400	Lectures
3	Environmental Eng. (1)- Energy Systems	BSTC 332	Lectures
4	Thermodynamics & Fluid Mechanics	BSTC 331	Lectures



Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
1	Undergraduate	5	2018	2020

Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

Administrative Responsibilities

#	From	To	Position	Organisation
1	2018	2019	Safety coordinator	Department of Building Engineering

Committee Membership

#	From	To	Position	Organisation
1	2025	present	Head	Scientific committee of exit exam
2	2017	2020	Member	KPI Data Collection Committee
3	2017	2020	Member	Laboratories Committee
4	2018	2019	Member	Scientific Committee for Exit Exam

Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Building designing Software: AutoCAD, SketchUp
2	Building Energy Simulation Software: - IES-VE, eQuest,
3	Statistical Analysis – SPSS,