



# Radwan M Aljuhashy

رضوان محمد عداي عباس

Associate Professor

## PROFILE

Dr. Radwan M. Aljuhashy is currently a lecturer in the Mechanical Engineering of College of Engineering at Wasit University. He received his Bachelor (2004) and M.Sc (2008) degrees in Mechanical Engineering specialisation in thermo-fluids from University of Baghdad, Iraq. He did his Ph.D in the same field from the University of Sheffield, UK in 2019. His research focuses on Thermo-fluids, CFD and Renewable energy.

## ACADEMIC TITLES

2023-12-03 Associate Professor

## TEACHING EXPERIENCE

Lecturer

Wasit University

2009-08 - Present

Lecturer

Alsuwara -Technical Institute

2008-10 - 2009-09

## COURSES

- Engineering mechanics STATICS
- Power Plants
- Fluid 2
- Solar energy
- Renewable energies
- English Language
- English Language

## GRADUATE SUPERVISION

Experimental and Numerical Investigation of The Aerodynamics of a Wavy Blade with a Slot

Jwan Faleh Jassem (2024)

Numerical assessment of various pitch angles on horizontal axis wind turbines performance with fluctuating wind conditions

Ali Swadi (2026)

## ADMINISTRATIVE POSITIONS

2011-10-01 - 2012-10-23 correspondent

## CONTACT

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## EDUCATION

دكتوراه (19-06-2019)  
Power  
The University of Sheffield  
ماجستير (18-05-2008)  
Power/Thermo-fluids  
The University of Baghdad  
بكالوريوس (19-06-2004)  
Mechanical Engineering  
The University of Baghdad

## RESEARCH METRICS

|                    |    |
|--------------------|----|
| h-index (Scopus)   | 0  |
| h-index (GS)       | 4  |
| Citations (Scopus) | 0  |
| Citations (GS)     | 24 |
| Documents (Scopus) | 0  |
| Documents (GS)     | 10 |

## AWARDS

- Best reward

## RESEARCH INTERESTS

- Thermofluids CFD and Renewable energy



• UK Professional Standards Framework for teaching and learning support in higher education

PUBLICATIONS ( 10 )

1. **Experimental Assessment of the Aerodynamics of a Slotted Wavy Blade**  
*Wasit Journal of Engineering Sciences* 12 (3), 109-119, 2024 | 2024
2. **Experimental investigation of diesel-WCOB engine performance with a small proportion of ethanol/isobutanol as a fuel additive**  
*International Journal of Integrated Engineering* 15 (7), 82-88, 2023 | 2023 | Cited: 2
3. **Effect of fluctuated flow on horizontal axis wind turbines at various tip speed ratios**  
*AIP Conference Proceedings* 2665 (1), 040008, 2023 | 2023
4. **Evaluating the effect of unsteady air flow on a slotted aerofoil of wind turbines**  
*Periodicals of Engineering and Natural Sciences* 11 (2), 197-206, 2023 | 2023 | Cited: 1
5. **Numerical Study for Slotted and Vibrating Asymmetric Aerofoils**  
*Wasit Journal of Engineering Sciences* 11 (3), 34-44, 2023 | 2023 | Cited: 1
6. **Thermal performance of double-layer porous copper strips mounted as hollow cylinders**  
*Periodicals of Engineering and Natural Sciences* 9 (2), 784-798, 2021 | 2021 | Cited: 5
7. **The Aerodynamics of the Wavy Blade Under the Effect of Fluctuated Wind Flow.**  
*FME Transactions* 49 (3), 2021 | 2021 | Cited: 4
8. **The Influence of Unsteady Wind on the Performance and Aerodynamics of Horizontal Axis Wind Turbines**  
*University of Sheffield*, 2019 | 2019 | Cited: 5
9. **Flash evaporation enhancement by electrolysis of saturated water flowing upwards in vertical pipe**  
*College of Engineering - University of Baghdad* 16 (3), 5620 - 5632, 2010 | 2010 | Cited: 6
10. **Effect of Operating Conditions on The Performance of Shell and Tube Service Condenser**  
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