

Radwan M Aljuhashy

رضوان محمد عداي عباس

Assistant 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 Assistant 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 performancewith fluctuating wind conditios
Ali Swadi (2026)

ADMINISTRATIVE POSITIONS

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

CONTACT

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EDUCATION

Doctorate (2019-06-19)
Power
The University of Sheffield

Master's Degree (2008-05-18)
Power/Thermo-fluids
The University of Baghdad

Bachelor's Degree (2004-06-19)
Mechanical Engineering
The University of Baghdad

RESEARCH METRICS

h-index (Scopus)	2
h-index (GS)	4
Citations (Scopus)	10
Citations (GS)	24
Documents (Scopus)	6
Documents (GS)	10

AWARDS

- Best reward

RESEARCH INTERESTS

- Thermofluids CFD and Renewable energy

INTERNATIONAL MEMBERSHIPS

• 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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