

AMER ALOMARAH

ASSISTANT PROFISSOR

CONTACT

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:Corniche Street, Al-Kut, Wasit Governorate, 52001

EDUCATION

DOCTOR OF ENGINEERING

Swinburne University/Australia

2016-2021

MASTER OF ENGINEERING

Baghdad University

2009-2012

BACHELOR ENGINEERING

Baghdad University

2001-2006

SKILLS

- Author
- Reviewer
- Member of Advisory Panel
- Course developer
- Academic Advisor
- Assessor for Institutional Accreditation
- University-Level Lecturing & Pedagogy

LANGUAGE

- English
- Arabic

PROFESSIONAL SUMMARY

Highly accomplished Academic and Researcher in Mechanical Engineering with extensive expertise in auxetic metamaterials, advanced structural design, and additive manufacturing (3D printing). Proven track record in combining experimental testing with Finite Element Analysis (FEA) numerical simulations to develop high-performance cellular structures. Experienced educator and author of numerous peer-reviewed studies in high-impact international engineering journals.

EXPERIENCE

RESEARCHER

Swinburne University of Technology (Melbourne, Australia)

2017 - Present

- **International Research Collaborator with global researchers from Swinburne University, Western Sydney University, and Zhejiang University**
- **Highly accomplished Academic and Researcher in** Mechanical Engineering **with extensive expertise in** auxetic metamaterials, **advanced structural design, and** additive manufacturing..
- **Experienced author of several peer-reviewed studies in high-impact international engineering journals.**

ACADEMIC FACULTY MEMBER

Wasit University

2021-2026

- Core Focus: Teaching undergraduate/postgraduate engineering courses, supervising academic projects, and contributing to the university's mechanical engineering department.

REFERENCE

AMER ALOMARAH

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Amer Alomarah - Google Scholar

https://www.researchgate.net/profile/Amer-Alomarah