

**Name: Dr. Shadan Altouq****Rank: Assistant Professor - Electrical & Electronics Engineering****Personal Information**

Nationality:	Kuwaiti
AU Joining Date:	31.08.2025
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Professional Information

Education:	• 2019-2022: PhD in Electronics and Electrical Engineering at the University of Strathclyde. Glasgow, UK. 2024. • 2017-2018: MSc in Electrical Power Systems at the University of Bath. Bath, UK. 2018. • 2014-2017: BEng in Electrical and Electronics Engineering at the University of Sussex. Brighton, UK. 2017.
Specialization:	Resilient Electrical Power System Design for Electric Aircraft.
Current Academic Position:	Assistant Professor – Electrical and Electronics Engineering
Current Professional Positions:	NA
Previous Administrative Position Held:	NA
Previous Academic Positions Held:	• 2019-2022: Part-time Teaching Assistant at the University of Strathclyde. Glasgow, UK. • 2021: Part-time Research Assistant in CAELUS EU UAV Project with the University of Strathclyde. Glasgow, UK.
Fellowships And Honors:	• Awarded Rolls Royce PhD Scholarship • Awarded Rohde and Schwartz BEng Project Prize

Teaching Experience:	2025-current: Assistant Professor – Electrical and Electronics Engineering, Kuwait. 2019-2022: Part-time Teaching Assistant at the University of Strathclyde. Glasgow, UK. 2024: PhD Industrial Supervisor at Vertical Aerospace. Bristol, UK.
Industrial And Technical Experience:	2022-2024: Advanced Electrical Systems Engineer at Vertical Aerospace. Bristol, UK. Full time.
Research Interest:	- Aerospace Electrification Standards and Certification - Aerospace Electrical Systems and Analysis - Power system protection
Research Grants:	NA
Research and Publications including Journal and Books:	Patents: Altouq, S., Charles, C., Chingale, G., Somerville, L., “Electrical vertical take-off and landing aircraft power distribution system” UK intellectual property office GB 2633389, 2025. Altouq, S., Charles, C., Chingale, G., Somerville, L., “Electrical vertical take-off and landing aircraft power distribution system” UK intellectual property office GB 2633552, 2025. Altouq, S., Charles, C., Chingale, G., Somerville, L., “An energy harvesting control system for an electric vertical take-off and landing aircraft” UK intellectual property office GB 2633393, 2025. Papers: Altouq, S., Fong, K., Norman, P., Burt, G., “A Review of Certification Compliance Assessment for Non-resettable Protection Devices in eVTOL Application”, in IET Electrical Systems in Transportation, 2025. Altouq, S., Fong, K., Norman, P., Burt, G., “Technology Maturity Roadmaps of Power System Components for eVTOL aircraft” in Strath pure white paper, 2022. Altouq, S., Fong, K., Norman, P., Burt, G., “Pyrofuse Modelling for eVTOL Aircraft DC Protection”, in SAE Technical Paper, 2021. - Alafnan, H., Alsheikh, M., Pei, X., Altouq, S., et al., “Application of SMES-FCL in Electrical Aircraft for Stability Improvement” in IEEE Transactions on Applied Superconductivity, vol. 29, no.5, 2019.
Paper Presentations at Professional Conferences:	- SAE AeroTech Digital Summit. Online. 2021 - The Applied Superconductivity Conference (ASC), Seattle, Washington. 2018
College Service including committee Membership:	NA
National Service:	NA
College Committees:	- Teaching, Learning, Validation & Moderation - Students Appeals and Complains Committee - Disciplinary Committee - Research & Faculty Development Committee