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Academic qualifications

PhD (2016) in Electrical Engineering
RWTH Aachen University
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M.Sc. (2007) in Electrical Engineering
Department of Electrical and Electronic Engineering, University of
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B.Sc. (2003) in Electronic Engineering
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Work History:

Since Mar. 2008: Lecturer in Engineering college in
Muthanna university

Publications:

1. Al-Shebanee, Durgham. "Ultra-low-power CMOS ring oscillator with minimum power consumption of 2.9 pW using low-voltage biasing technique." *Open Engineering* 14.1 (2024): 20220448.
2. Al-Shebanee, Durgham, Ralf Wunderlich, and Stefan Heinen. "A 1.2 v to 3 v low power resistor-less all-mosfet voltage reference generator." 2022 29th IEEE International Conference on Electronics, Circuits and Systems (ICECS). IEEE, 2022.
3. D. Al-Shebanee, R. Wunderlich, and S. Heinen, "Design of highly sensitive CMOS RF energy harvester using ultra-low power charge pump", in 2015 IEEE Wireless Power Transfer Conference (WPTC), 2015, pp. 1–4