

Curriculum Vitae  
Abdullah Alburaikan  
College of Technological Studies  
Shuwaikh, Jamal Abdunnasser Street, Kuwait  
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## Education

UNIVERSITY OF MANCHESTER, UK  
PhD in Electronic and Electrical Engineering, 2016  
UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE, USA  
Master of Science in Electrical Engineering, 2005  
GPA 4.0/4.0  
UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE, USA  
Bachelor of Science in Electrical Engineering, 2004  
GPA 3.707/4.0. Cum laude.

## Academic experience

2016- Present **Assistant Professor**  
Department of Electronic Engineering  
College of Technological Studies  
Public Authority of Applied Education and Training  
Kuwait  
2008- 2011 Lecturer  
Department of Electronic Engineering  
College of Technological Studies  
Public Authority of Applied Education and Training

## Non-academic experience

2005- 2008 Radio Frequency Engineer  
RF planning and optimization Department  
Ooredoo Telecom, Kuwait

## Certifications

Click or tap here to enter text/ none if Not Applicable.

## Current membership

IEEE

## Honors and awards

Click or tap here to enter text/ none if Not Applicable.

## Service activities

Click or tap here to enter text/ none if Not Applicable.

## Publications and presentations

- (1) A. Alburaikan, M. Aqeeli, X. Huang, and Z. Hu, "Miniaturized ultra-wideband bandpass filter based on CRLH-TL unit cell," in *44th Europ. Microw. Conf. (EuMC)*, Rome, 2014, pp. 540-543.
- (2) A. Alburaikan, M. Aqeeli, X. Huang, and Z. Hu, "Miniaturized via-less ultra-wideband bandpass filter based on CRLH-TL unit cell," in *IEEE Radio and Wirel. Symp. (RWS)*, San Diego, 2015, pp. 126-128.
- (3) A. Alburaikan, M. Aqeeli, X. Huang, and Z. Hu, "Low phase noise free-running oscillator based on high selectivity bandpass filter using composite right/left-handed transmission line," *IEEE Microw. Wirel. Compon. Lett.*, vol. 26, no. 4, pp. 273-275, Apr. 2016.
- (4) M. Aqeeli, A. Alburaikan, C. Muvianto, X. Huang, and Z. Hu, "An ultra-wideband and gain linearized CMOS VCO with minor phase noise variation," in *Asia-Pacific Microw. Conf. (APMC)*, Sendai, 2014, pp. 965-967.
- (5) M. Aqeeli, T. Leng, X. Huang, J. C. Chen, K. H. Chang, A. Alburaikan, and Z. Hu, "Electromagnetic interference shielding based on highly flexible and conductive graphene laminate," *Electr. Lett.*, vol. 51, no. 17, pp. 1350-1352, Aug. 2015.

- (6) M. Aqeeli, A. Alburaihan, X. Huang, and Z. Hu, "Low-phase noise variation VCO implementing resistorless digitally controlled varactor," in *Int. Conf. IC Des. & Tech. (ICICDT)*, Leuven, 2015, pp. 1-4.
- (7) M. Aqeeli, A. Alburaihan, X. Huang, and Z. Hu, "Wide tuning range voltage controlled oscillator (VCO) with minimized phase noise variation in nanoscale CMOS technology," in *IEEE 15th Int. Conf. Nanotech. (IEEE-NANO)*, Rome, 2015, pp. 51-54.
- (8) X. Huang, X. Zhang, Z. Hu, M. Aqeeli, and A. Alburaihan, "Design of broadband and tunable terahertz absorbers based on graphene metasurface: equivalent circuit model approach," *IET Microw., Antennas & Propag.*, vol. 9, no. 4, pp. 307-312, Mar. 2015.
- (9) M. Aqeeli, Z. Hu, X. Huang, A. Alburaihan, and C. Muvianto, "Low-power and wideband LC-VCO for WiMAX in CMOS technology," in *UKSim-AMSS 16th Int. Conf. Comp. Model. Simul. (UKSim)*, Cambridge, 2014, pp. 553-557.
- (10) A. Alburaihan, M. Aqeeli, and Z. Hu, "Miniaturized dual-wideband bandpass filter using coupled slotted open stubs," in *IEEE MTT-S Int. Microw. Symp. (IMS)*, San Francisco, 2016.

## **Professional development activities**

### **Courses and Trainings instructed:**

- Introduction to Digital Communication.
- Introduction to Microwave Engineering.
- **Electric Circuits.**
- **Digital Circuits.**
- **Electronics.**
- Introduction to Analog Communication.
- **Introduction to circuit breaker.**
- **Solar energy and its applications.**
- **Introduction to Fiber Optic Communication.**
- **Technical report writing**