

MUSHTAQ AHMED ALI ALQAISY
8TH JULY 1971, BAGHDAD
MARRIED WITH FOUR CHILDREN

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Designer engineer with over 15 years of PCB development experience both technically focused and design, also, design and implementation of wideband micorstrip filters for wireless and satellite communications. Lecturer by two private colleges over 2 years and one governmental university. I am looking for a career that is both challenging and reward.

ACADEMIC BACKGROUND

Communication Engineer/microwave (PhD)	University Tenaga National	Year completed: 2015
Communication Engineer/microwave (M.Sc.)	University of Technology	Year completed: 2005
Communication and electronics Engineer (B.Sc.)	University of Technology/AL Rasheed college	Year completed: 1996

THESIS TITLE

THE DESIGN OF COMPACT TUNABLE AND RECONFIGURABLE FOR DUAL-BAND MICROSTRIP BANDPASS FILTERS.

EMPLOYMENT DETAILS

Ministry of Higher Education/Al-Iraqia University Job title: Lecturer	2016 to current
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- 8086 Microprocessor and its Applications
- Communication Fundamentals
- Electric Circuit Analysis
- Advanced Mathematics II

Ministry of Science and Technology Job title: Chief Engineer	15 th November 99 to 2016
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- Responsible for circuit design and development.
- Manage the technical staff under responsibility.
- Consultant of many projects is provided to the department.

Dijlah University College Job title: Lecturer	30 th September 09 to 31 th May 11
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- Visual Basic language.
- Lab. Of visual basic learning

Al maaref University college Job title: Lecturer	30 th September 10 to 31 th May 11
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- Satellites Communication
- Digital Signal Processing
- Lab. Of matlab learning

PROFESSIONAL DEVELOPMENTS

Microsoft office, Microwave Studio CST, Mendeley, CST workshop, Elsevier writing paper workshop, IEEE student member, IEEE signal processing member, Intensive English Program (ITP), Consultant Engineers Association, Microwave research group (MRG) member.

PUBLICATIONS

1. **M. Alqaisy**, C. Chakrabraty, J. Ali, A. R. H. Alhawari, "A miniature fractal-based dual-mode dual-band microstrip bandpass filter design", *International Journal of Microwave and Wireless Technologies*, p. 1-7, 2014. doi = {10.1017/S1759078714000622}.
2. **MushtaqAlqaisy**, C. Chakrabraty, J. Ali, A. R. H. Alhawari and Tale Saeidi, "Switchable Square Ring Bandpass to Bandstop Filter ultra-ideband Applications" " *International Journal of Microwave and Wireless Technologies*. Page 1 of 10, 2015, doi: 10.1017/S1759078715001373.
3. **MushtaqAlqaisy**, C. Chakrabraty, J. Ali, A. R. H. Alhawari and Tale Saeidi, "Reconfigurable Bandwidth and Tunable Dual-Band BPF Design for UWB Applications," *Electromagnetics Journal*. Vol. 36, No. 6, 2016.
4. **Mushtaq. A. Alqaisy**, Chandan Kumar Chakrabarty and Ahmed Hameed Reja, "Enhancement of the Performance of BPF on a Single Unit Cell Metamaterial Substrate" *Australian Journal of Basic and Applied Sciences*, 7(10): 63-66, 2013.
5. **Mushtaq A. Alqaisy**, Jawad K. Ali and Chandan K. Chakrabarty, "Design of a Compact Dual-mode Dual-band Microstrip Bandpass Filter Based on Semi-fractal CSRR," *Progress In Electromagnetics Research Symposium Proceedings*, Stockholm, Sweden, Aug. 12-15, 2013.
6. **M. A. Alqaisy**, Chandan Kumar Chakrabarty and Ahmed Hameed Reja, "Third Harmonic Reduction of Band Pass Filter with notch of PWMS Frequency Band using unit cell metamaterial," *Proceedings National Graduate Conference (NatGrad2012)*, 2012.
7. Ahmed Hameed Reja, Syed Naseem Ahmad and **Mushtaq. A. Alqaisy**, "Study the Effect of SRRs on Broadband Microwave Parallel-Coupled Band-pass Filters", *International Journal of Computer and Electrical Engineering (IJCEE)*, ISSN: 1793- 8163, Vol.6, No.2, pp.132-136, April 2014.
8. Ahmed Hameed Reja, Syed Naseem Ahmad, **Mushtaq. A. Alqaisy** and Abdul Kareem Kasim Abdul Raheem, "Design of Metamaterial Stepped - Impedance Microwave LPFs", 2014 World Congress on Computer Applications and Information Systems, WCCAI'2014, Hammamet -Tunisia, 2014.
9. Ahmed Hameed Reja, Syed Naseem Ahmad and **Mushtaq. A. Alqaisy**, "Study the Effect of SRRs on Broadband Microwave Parallel-Coupled Band-pass Filters", 2013 The 2nd International Conference on Network, Communication and Computing (ICNCC 2013), Kuala Lumpur, Malaysia, December 29 - 30, 2013.
10. Hayder S. ahmed, Ali J. Salim, Jawad K. Ali, **Mushtaq. A. Alqaisy**, "Oral of A Fractal-based Dual-Mode Microstrip BandStop Filter for Wireless Applications" 16th Mediterranean Microwave Symposium (MMS) -2016 November, 14-16, 2016, Abu Dhabi, UAE.
11. **M. A. Alqaisy**, M. T. Yassen, F. S. Khalifa and A. J. Salim, "A dual-band bandpass filter using single unit cell of complementary split ring resonator with third harmonic reduction," 2016 Al-Sadeq International Conference on Multidisciplinary in IT and Communication Science and Applications (AIC-MITCSA), Baghdad, 2016, pp. 1-4. doi: 10.1109/AIC-MITCSA.2016.7759901

REFERENCE

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