

**Name:** ASMAA HAMEED MAJEED AL-QAYSI

**Place and Date of Birth:** Baghdad, Iraq, 1968.

**Nationality:** Iraqi.

**Marital Status:** Single.

**Languages:** Arabic and English.

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### **Academic Qualifications:**

1. **Ph.D.:** Electrical Engineering /Electronic and Communication Engineering, Iraq 2014-2015, University of Basrah
2. **M.Sc.:** Electrical Engineering /Electronic and Communication Engineering, Iraq 2003-2004, Baghdad University,
3. **B.Sc.** in Electrical Engineering /Electronic and Communication Engineering, Iraq 1989-1990, University of Technology

### **Professional Qualifications:**

- **19/4/2003 – 16/5/2006 (Engineer)**  
Ministry of Sciences and Technology, Physical Research Center, Baghdad, Iraq
- **1999-2003(Engineer).**  
AL-Batani Company (Research Company), Optical Research Division.
- **9/11/1990-1999 (Engineer).**  
AL-Aze Company (industrial company).

### **Educational Experience:**

- **Since 9/2/2010 until now**  
Assist. Prof. Dr., Al-Nahrain University, College of Engineering, Department of Laser and Optoelectronic Engineering.

- **Period: 16/5/2006 -9/2/2010.**
  - ✓ Senior Lecturer, Al-Nahrain University, College of Engineering  
Department of Electronic and Communications Engineering.
  
- **Period: 2003 - 2006**
  - ✓ External lecturer in Baghdad University/ College of engineering /  
Department of Electronic and Communications Engineering.
  
  - ✓ External lecturer in Baghdad University/ College of engineering /  
Department of Electrical Engineering.

### **Teaching Courses:**

The teaching loads in Baghdad University / Al Nahrain University - Baghdad

1. Microwave (4<sup>th</sup> class).
2. Electronic Communication (4<sup>th</sup> class).
3. Transmission Lines (2<sup>nd</sup> class).
4. Statistical Analysis (2<sup>nd</sup> class).
5. Electronic Communication (3<sup>rd</sup> class)
6. Electronic I (2<sup>nd</sup> class)
7. Electronic II (2<sup>nd</sup> class)
8. Electronic III (3<sup>rd</sup> class)
9. Communication Theory (3<sup>rd</sup> class)

### **Promotions:**

1. Assistant Lecturer (2006-2015)
2. Lecturer (2015-7/4/2019))
3. Assist.Prof. Dr. (7/4/2019-until now)

### **Areas of Research and Expertise:**

1. Design and Analysis of Dielectric Resonator Antennas
2. Design and Analysis of Microstrip Patch Antenna.

## Computer Awareness:

Software Packages: MATLAB, CST Microwave Studio, HFSS  
Word processor: WP60, Ms-Word.

**Member Ship:** Member of Iraqi Engineering Society, Baghdad-IRAQ since 1990.

## Published Papers

- 1- **A. H. Majeed** and A. S. Abdullah, “Aperture-Coupled Hexagonal Shaped Dielectric Resonator Antenna for Wideband Applications”, Journal of Emerging Trends in Computing and Information Sciences, Vol. 4, No. 9, pp.675-678, September <http://www.cisjournal.org>, 2013.
2. **A. H. Majeed**, A. S. Abdullah, F. Elmegri, K. H. Sayidmarie, R. A. Abd-Alhameed, and J. M. Noras, “Aperture-Coupled Asymmetric Dielectric Resonators Antenna for Wideband Applications”, IEEE Antenna and Wireless Propagation Letters, Vol. 13, pp. 927-930, 2014. **ISI/ Scopus Ranking**
3. **Asmaa . H. Majeed**, A. S. Abdullah, K. H. Sayidmarie, R. A. Abd-Alhameed, “Two Elements Elliptical Slot CDRA Array with Corporate Feeding For X-Band Applications”, Iraq J. Electrical and Electronic Engineering, Vol. 10, No.1,2014.
4. **A. H. Majeed**, A. S. Abdullah, R. A. Abd- Alhameed , and K. H. Sayidmarie, “ MIMO Antenna Array Using Cylindrical Dielectric Resonator for Wideband Communication Applications,” International Journal for Electromagnetic and Applications, Vol. 4, No. 2, 2014. **ISI/ Scopus Ranking**
5. **Asmaa H. Majeed**, Abdulkareem S. Abdullah, Khalil H. Sayidmarie, Raed A. Abd-Alhameed, Fauzi Elmegri, and James M. Noras, “Compact Dielectric Resonator Antenna with Band-Notched Characteristics for Ultra-Wideband Applications” , Progress In Electromagnetic Research C, Vol. 57, 137–148, 2015.
6. **A. H. Majeed**, A. S. Abdullah, F. Elmegri, K. H. Sayidmarie, R. A. Abd-Alhameed, and J. M. Noras, “ Dual Segment S-shaped Aperture-Coupled Cylindrical Dielectric Resonator Antenna for X-Band Applications,” IET Microwaves, Antennas & Propagation, Vol. 9, Iss. 15, pp. 1673–1682. **ISI/ Scopus Ranking**
7. **A. H. Majeed**, A. S. Abdullah, F. Elmegri, K. H. Sayidmarie, R. A. Abd-Alhameed, and J. M. Noras, “Balanced dual-segment cylindrical dielectric resonator antennas for ultra-wideband applications”, IET Microwaves, Antennas & Propagation, Vol. 9, Iss. 13, pp. 1478–1486. **ISI/ Scopus Ranking**

8. **A. H. Majeed** , “Design and Analysis of Proximity Coupled and Aperture Coupled Circular Patch Antennas for WLAN Applications”, Journal of Emerging Trends in Computing and Information Sciences, Vol. 7, No. 1 January 2016.
9. Rameez Asif, M. S. Binmelha, Asmaa Hameed, “ Effects of Transmit Diversity on a Discrete Wavelet Transform and Wavelet Packet Transform-based Multicarrier Systems”, International Journal of Computer Applications (0975 – 8887) Volume 178 ,No.6, November 2017.
10. **A. H. Majeed**, K. H. Sayidmarie "Extended Bandwidth Microstrip Circular Patch Antenna for Dual Band Applications", International Journal of Electrical and Computer Engineering, Vol. 8, No.2,2017. **ISI/ Scopus Ranking**
11. **A. H. Majeed**, K. H. Sayidmarie , " UWB elliptical patch monopole antenna with dual-band notched characteristics", International Journal of Electrical and Computer Engineering, Vol.9, No.5,2019. **ISI/ Scopus Ranking**
13. **A. H. Majeed**, “Investigation of BER Characteristics of Hexagonal Multicarrier Modulation in the Presence of System Impairments”, Journal of communications, Vol.14, No.7, 2019
14. **A. H. Majeed**, K. H. Sayidmarie" Flower Shaped Elliptical Patch Antenna for UWB Applications", International Journal of Microwave and Optical Technology, Vol.15, No. 2,2020. **ISI/ Scopus Ranking**.
15. Hasn Mahmood Khudair, Taif Alawsi, Anwaar A. Aldergazly, **A. H. Majeed**," Design and Implementation of Aerial Vehicle Remote Sensing and Surveillance System, Dehazing Technique Using Modified Dark Channel Prior", Advances in Science, Technology and Engineering Systems Journal (ASTESJ), Volume 5, Issue 5, Page No 1111-1117, 2020.**ISI/ Scopus Ranking**

### **International Conference (Scopus)**

1. **A.H. Majeed**, A.S. Abdullah, F. Elmegri, E.M. Ibrahim, K.H. Sayidmarie, R.A. Abd-Alhameed, “Rectangular Slot Fed Asymmetric Cylindrical Dielectric Resonators Antenna for Wideband Applications” , Antennas and Propagation Conference (LAPC), Loughborough ,UK, pp.1-9, 10-11Nov. ,2014.
2. **A.H. Majeed**, K.H. Sayidmarie, A. Alhaddad ,F. M. A. Abdussalam, R. A. Abd-Alhameed, “A Microstrip-Fed Pentagon Patch Monopole Antenna for Ultra Wideband Applications” , Proceedings of the Sixth International Conference, 2015 Internet Technologies and Applications (ITA), UK.

3. **A.H. Majeed**, A.S. Abdullah, K.H. Sayidmarie, NT Ali R. A.,R.A. Abd-Alhameed," An integrated Dipole Cylindrical DR Antenna for UWB Applications", 10th European conference on antenna and propagation(EUCAP 2016), 10-16 April, 2016,switzerland, Page1200-1203.

### **h-index**

According to the global *SCOBUS* website where the numbers of published papers as well as citation of those publications are considered, the h-number for my published work is (4) as given in the international web.