



Hayder S. Ahmed

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Personal Information

DATE OF BIRTH: 1990

NATIONALITY: Iraqi

Marital Status: single

Education

Canadian equivalency 2021 Master's degree (Communication Engineering), World Education Services, Canada.

M.Sc. 2016 Communication Engineering, Electrical Engineering Department, University of Technology, Iraq.

B.Sc. 2012 Communication Engineering, Electrical and Electronic Engineering Department, University of Technology, Iraq.

Dissertation

Fractal Based Multi-Band Reject Filter. Communication Engineering, Electrical Engineering Department, University of Technology, Iraq.

Certifications

- Aug. 29th, 2023 Introduction to Microsoft Excel, Coursera Project Network.
- April 13th, 2022 Google Data Analytics, Google.
- April 13th, 2022 Data Analysis with R Programming, Google.
- April 13th, 2022 Share Data Through the Art of Visualization, Google.
- April 10th, 2022 Analyze Data to Answer Questions, Google.
- April 2nd, 2022 Prepare Data for Exploration, Google.
- April 2nd, 2022 Process Data from Dirty to Clean, Google.
- January 15th, 2022 Ask Questions to Make Data-Driven Decisions, Google.
- December 12th, 2021 Foundation: Data, Data, Everywhere, Google.
- July 22th, 2018 Certified Publons Academy Peer Reviewer.
- February 2017 Technical teaching methods, Al-Nahrin University.
- February 2013 IT Essential in PC Hardware and Software, Cisco Networking Academy, University of Baghdad, Iraq.
- February 2013 CNAA Exploration in Network Fundamentals, Cisco Networking Academy, University of Baghdad, Iraq.
- May 2013 CNAA Exploration in Routing Protocols and Concepts, Cisco Networking Academy, University of Baghdad, Iraq.
- July 2013 English Languish in How to prepare for English languish proficiency test, University of Technology, Iraq.
- September 2013 Computer skills and information technology, University of Technology, Iraq.

Professional Employment

- April 2023-Present, assistant lecturer, Electronic and Communication Engineering Department, Engineering College, University of Baghdad, Baghdad, Iraq.
 - February 2022-March 2023, assistant lecturer, , Biomedical Engineering Department, Al-Esraa College university Iraq
 - October 2016-Aug., 2019, external lecturer, Al-Mamon University College, Iraq.
 - September 2014-2016, Teacher assistant, University of Technology at Alsina'a Street.
 - September 2014-2016, senior researcher, University of Technology at Alsina'a Street.
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Professional Memberships

- IEEE, senior member.
 - IEEE, MTT-S, Senior member.
 - Microwave research group, [Please, Click here.](#)
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Rank

- h-index = 7, [Google Scholar](#).
 - RG Score = 9, [ResearchGate](#)
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Teaching Courses

Al-Esraa University College, Iraq, February 2022-March 2023.

- Teaching Lecture of Electronic I, 2nd year, 2022-2023.
- Teaching Lecture of Electronic II, 2nd year, 2022-2023.
- Teaching Lecture of Electronic III, 3rd year, 2022-2023.
- Supervise of Electronic I Lab, 2nd year, 2022-2023.
- Supervise of Electronic II Lab, 2nd year, 2022-2023
- Teaching Lecture of Electric Circuit, 2nd year, 2021-2022.
- Supervise of Electric Circuit Lab, 2nd, 2021-2022.
- Teaching Lecture of AutoCAD, 1st year, 2021-2022.
- Supervise of AutoCAD Lab, 1st, 2021-2022.

Al-Mamon University College, Iraq, October 2016- Aug., 2019.

- Teaching the Lecture of Statistics *and Probability* for 3rd level, 2016-2017 and 2018-2019 (8 hrs. /W.)
- Supervisor of CST Lab (antenna Lab) for 4th level, 2016-2017 and 2018-2019 (15 hrs. /W.)
- Teaching the Lecture of Electric Circuit II for 2nd level, 2017-2018 and 2018-2019 (2 hrs. /W.)
- Teaching the Lecture of Energy converter for 1st level, 2017-2018 and 2018-2019 (6 hrs. /W.)
- Taught the Lecture of Electronic III for 3rd level, 2017-2018 (16 hrs. /W.)

University of Technology, Alsina'a Street, for two years 2014-2015 and 2015-2016 Assistant of my supervisor (Prof. Jawad K. Ali)

- Taught tutorials of microwave engineering subject for 4th level students.
 - Prepared and graded Quiz exams for 4th level students
 - Indirect supervision on 4th level students' projects.
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Professional service

- [February 2019, reviewer in "International Journal of RF and Microwave Computer-Aided Engineering".](#)
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Honors and Awards

- 2022 Certification of recognizes (as a Member in good standing through December 2022, denoting a personal and professional commitment to the advancement of technology), J. K. Ray Lie, 2022 IEEE President.
- 2022 Certification of recognizes (as a Member in good standing through December 2022, denoting a personal and professional commitment to the advancement of technology), Rashaunda Henderson, 2022 IEEE Microwave Theory and Techniques Society president.
- 2021 Certification of recognizes (as a Member in good standing through December 2021, denoting a personal and professional commitment to the advancement of technology), Susan K “Kathy” Land, 2021 IEEE President.
- 2020 Reviewer Certificate, International Journal of RF and Microwave Computer-Aided Engineering (Prof. Haiwen Liu), Wiley.
- 2019 Acknowledgements and appreciation certification, evaluation to my publication in high impact factor journals, Dean of Al-ma'moon college university, Baghdad, Iraq.
- 2018 Certification of recognizes (as a Member in good standing through December 2018, denoting a personal and professional commitment to the advancement of technology), James A. Jefferies, 2018 IEEE President.
- 2018 Certification of attendance (attended the 3rd Medical City E.N.T Conference), Babylon warwick hotel, Baghdad, Iraq.
- 2018 Certification of recognizes (as a Member in good standing through December 2019, denoting a personal and professional commitment to the advancement of technology), Jose M F Moura, 2019 IEEE President.
- 2018 Certification of participation (participated and attended the 3rd scientific Conference of Electrical Engineering 2018 (SCEE2018), University of Technology, Baghdad, Iraq.
- 2016 Certification of attendance (attended the 16th Mediterranean Microwave Symposium (MMS2016), Al Ain University of Science and Technology, Abu Dhabi, UAE.
- 2013 Congratulation certification (completing the IT Essentials: PC Hardware and Software course), Chairman and Chief Executive Officer (John T. Chambers), Cisco Networking Academy.
- 2013 Congratulation certification (completing the CCNA Exploration: Network Fundamentals course), Chairman and Chief Executive Officer (John T. Chambers), Cisco Networking Academy.
- 2013 Congratulation certification (completing the CCNA Exploration: Routing Protocols and Concepts course), Chairman and Chief Executive Officer (John T. Chambers), Cisco Networking Academy.
- 2013 Acknowledgements and appreciation certification (my rank was first in IT Essentials: PC Hardware and Software course), University of Baghdad, Iraq.
- 2013 Acknowledgements and appreciation certification (my rank was second in CCNA Exploration: Network Fundamentals course), University of Baghdad, Iraq.
- 2013 Acknowledgements and appreciation certification (my rank was first in CCNA Exploration: Routing Protocols and Concepts course), University of Baghdad, Iraq.
- 2012 Appreciation certification (my rank was First at Communication Engineering Branch, at 4th year), Electrical and Electronic Engineering Department, University of Technology, Iraq.

- 2011 Appreciation certification (my rank was First at Communication Engineering Branch, at 3rd year), Electrical and Electronic Engineering Department, University of Technology, Iraq.
- 2010 Appreciation certification (my rank was second at Electrical and Electronic Engineering Department, at 2nd year), Electrical and Electronic Engineering Department, University of Technology, Iraq.

Publications

No.	Papers
1	Hayder S. Ahmed and Taha A. Elwi, " On the Design of a Reject Band Filter for Antennas Mutual Coupling Reduction ," <i>international journal of RF and microwave computer-aided engineering</i> , 24 April, 2019.
2	Taha A. Elwi, Omar Almkhtar Tawfeeq, Yahiea Alnaiemy, Hayder S. Ahmed, and Nagy Lajos, " An UWB Monopole Antenna Design based RF Energy Harvesting Technology ," <i>Third Scientific Conference of Electrical Engineering 2018 (SCEE2018)</i> , Baghdad, Iraq, Dec 2018.
3	Hayder S. Ahmed, Hussain A. Hammas, and Mohammed R. Hussan, " Design of Compact Multiband Microstrip BPF Based on Fractal Open-ring Configuration ," <i>Engineering and Technology Journal</i> , Vol. 36, Part A, No. 8, pp. 887-890, 2018.
4	Hayder S. Ahmed, and Taha A. Elwi, " SAR Effects Reduction Using Reject Band Filter Arrays for Wi-Fi Portable Systems ," <i>International Journal of Electronics Letters</i> 2018, 14 May 2018.
5	Hayder S. Ahmed, Ali J. Salim, Mohammed R. Hussan, Hussain A. Hammas, Mahmood T. Yassen, Saad Mutashar Abbas, and Jawad Kadhim Ali, " Design of Compact Dual-mode Fractal Based Microstrip Band Reject Filter ," <i>ARNP Journal of Engineering and Applied sciences</i> , Vol. 13, No. 7, April 2018.
6	H. S. Ahmed, J. K. Ali, and A.J. Salim, " Design of Fractal-Based Bandstop Filter for Microwave Radiation Leakage Reduction ," <i>Engineering and Technology Journal</i> , Vol. 35, Part A, No. 1, pp. 16-23, 2017.
7	Hayder S. Ahmed, Ali J. Salim, Jawad K. Ali, and Mushtaq A. Alqaisy, " A Fractal-based Dual-mode Microstrip Bandstop Filter for Wireless Applications ," <i>16th Mediterranean Microwave Symposium, MMS2016</i> , Abu Dhabi, UAE, November 2016.
8	Hayder S. Ahmed, Ali J. Salim, Jawad K. Ali, and Nasr N. Hussain, " A compact triple band BSF design based on Minkowski fractal geometry ," <i>18th IEEE Mediterranean Electrotechnical Conference, MELECON 2016</i> , Limassol, Cyprus, April 2016.
9	Hayder S. Ahmed, Ali J. Salim, and Jawad K. Ali, " A compact dual-band bandstop filter based on fractal microstrip resonators ", <i>Progress In Electromagnetics Research Symposium, PIERS 2015</i> , Prague, Czech Republic, July 2015.
10	Hayder S. Ahmed, Zahra' Salah Ahmed, Sarah A. Hamood, Mohammed Sellab Hamza, Taha A. Elwi, "A New Compact Triple-Band Microstrip Monopole Antenna Based on Minkowski Fractal geometry," <i>AL-Esraa University College Journal for Engineering Science</i> , Vol. 4, No. 5, 2022.
11	Hayder S. Ahmed, Zahraa Salah Ahmed, Rafid S. Zamel and Taha A. Elwi, " Compact MIMO Antenna Array for 5G Applications based Novel Hayder-Koch Fractal Geometry ," <i>The International Telecommunications Conference, ITC-Egypt'2022</i> , July 26 - 28, 2022, ADC, Egypt.

Books

- Hayder S. Ahmed, "[Microwave Ovens Leakage Reduction using Band-Reject Filter](#)," LAP Lambert Academic Publishing, 2017.

Patent

- Hayder S. Ahmed (80%), Jawad K. Ali (10%), Ali J. Salim (10%), "[Bandstop Filter \(BSF\) for the Reduction of Electromagnetic \(EM\) Reduction from Microwave Ovens](#)," Iraq, 5133/2017.

Experience

- Trained in Education Continuous Centre, University of Technology, Iraq.
- Trained in Heating Station, Dorra, Baghdad, Iraq.

SKILLS

Computer: Proficient in Word, PowerPoint, and Adobe Acrobat Pro, D plot.

Language: Arabic, English (my M.Sc. courses were in the English language), IELTS (6, B2).

Assessments: CST, Sonnet, Microwave Office (MWO).

Volunteer Work

- 2011 discover camp, University of Technology, Sulaymaniyah, Iraq.
 - A major research assistant for the undergraduate graduation projects capstones for the communication department in Al-Mamon University College.
 - 2018 attended, The 3rd Medical City E.N.T Conference, Babylon warwick hotel, Baghdad, Iraq.
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References

- Dr. Prof. Jawad K. Ali
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- Dr. Ali J. Salim
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Email: alijsalim@yahoo.com