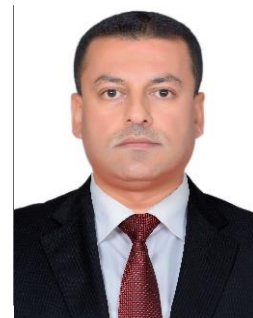


# Academic Curriculum Vitae



## Personal Information:

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## Education:

PhD. in Electrical Engineering (Communication Engineering), Salahaddin University-Erbil, College of Engineering, Department of Electrical Engineering, December, 2019.  
M.Sc. in Electrical Engineering (Electronics and Communication), Salahaddin University-Erbil, College of Engineering, Department of Electrical Engineering, June, 2004.  
B.Sc. in Electrical Engineering (General), Salahaddin University-Erbil, College of Engineering, Department of Electrical Engineering, July 1998.

## Employment:

- Engineer 1/7/1999
- Assistant Lecturer (2004-Aug 2009)
- Lecturer (Aug 2009 - May 2016)
- Assistant Professor (May 2016 – to present)

## Qualifications

- Teaching experience for 20 years (Wave Propagation, Communication Engineering, Electromagnetic Fields, Fundamental of Electrical Engineering, Antenna and Wave Propagation, Optical Fiber Communication)
- Computer skills (MATLAB, Microsoft office, Optisystems, ..... )
- Language qualifications (Kurdish (mother language), Arabic, English IELTS 6)

## Teaching experience:

- Teaching experience for 20 years (Wave Propagation, Communication Engineering, Electromagnetic Fields, Fundamental of Electrical Engineering, Antenna and Wave
- Master (Optical communication engineering)
- PhD (Advances in optical fiber communication)

## Research and publications

1. JALEEL AZEEZ HAMADAMEEN "A Log Periodic Antenna: Analysis, design, and simulation for Mobile Communication bands", 10th WSEAS Int. Conf. on AUTOMATIC CONTROL, MODELLING & SIMULATION (ACMO S '08), Istanbul, Turkey, May 27-30, 2008.
2. MUHAMMED A. IBRAHIM JALIL A. HAMADAMIN "The Phase Locked Loops Noise Analysis" WSEAS TRANSACTIONS ON COMMUNICATIONS, Issue 6, Volume 5, June 2006.
3. Jalil A. Hamadamin "Design and Simulation of Loop Antenna 9 kHz to 30 MHz for ISM Equipments", 4th International Scientific Conference of Salahaddin University, October 18-20, 2011, Erbil, Kurdistan, Iraq.
4. Jalil A. Hamadamin, Diary R. Sulaiman, Arazoo M. Aziz " The Antenna Electrical Downtilt Improvement for KOREK\_TELECOM GSM Mobile Station in Erbil City (IRAQ)", International Journal Communications Antenna and Propagation (IRECAP), ISSN 2039 - 5086. Vol. 4, No.1. February 2014.
5. Arazoo M. Aziz, Jalil A. Hamadamin, Diary R. Sulaiman" The Radar Coverage Studies and Simulation for Bana Bawi Anticlines in Erbil City Kurdistan Region of Northern Iraq" Zanko Journal of Salahaddin University – Erbil, Vol 28, No 2 (2016).
6. Jalil A. Hamadamin" Design and Simulation of PIF Antenna for Mobile Bands (1920-1960) MHz" Zanko Journal of Salahaddin University - Erbil.
7. Jalil A. Hamadamin, Muhammed A. Ibrahim, Salih M. Saleem" Performance Evaluation of 100 Gb/s WDM DP-QPSK Lightwave System with Reduced PMD Effects", International Journal Communications Antenna and Propagation (IRECAP), ISSN 362 - 370. Vol. 9, No.5. February 2019.
8. Jalil A. Hamadamin, Muhammed A. Ibrahim, Salih M. Saleem " Performance Optimization of WDM Long-Haul Lightwave Systems using Optimum Modulation Schemes " Zanko Journal of Salahaddin University – Erbil, Vol 31, No 5 (2019).
9. Jalil A. Hamadamin, Muhammed A. Ibrahim, Salih M. Saleem " Design and Performance Optimization of WDM Lightwave System Using Optimum Modulation Formats" National Academy Science Letters, (2020).
10. Faris Ketj; Salih M. S. Atroshey; Jalil A. Hamadamin "A Review of the Impairments and Challenges of Radio over Fiber Technology and their Mitigation Strategies" 2022 International Conference on Computer Science and Software Engineering (CSASE), 15-17 March 2022.

DOI: 10.1109/CSASE51777.2022

11. Faris Ketji; Salih M. S. Atroshey; Jalil A. Hamadamin "Spectral and energy efficiencies maximization in downlink NOMA systems" Bulletin of Electrical Engineering and Informatics, Vol. 11, No. 3, June 2022, pp. 1449~1459

ISSN: 2302-9285, DOI: 10.11591/eei.v11i3.3654

12. Faris Ketji; Salih M. S. Atroshey; Jalil A. Hamadamin "A REVIEW OF NEW IMPROVEMENTS IN RESOURCE ALLOCATION PROBLEM OPTIMIZATION IN 5G USING NON-ORTHOGONAL MULTIPLE ACCESS" Academic Journal of Nawroz University (AJNU), Vol.11, No.4, 2022.

<https://doi.org/10.25007/ajnu.v11n4a1308>

13. Faris Ketji; Salih M. S. Atroshey; Jalil A. Hamadamin "Design of a RoF fronthaul link based on optical generation of mm-waves for 5G C-RANs" Indonesian Journal of Electrical Engineering and Computer Science, Vol. 30, No. 1, April 2023, pp. 157~166

ISSN: 2502-4752, DOI: 10.11591/ijeecs.v30.i1.pp157-166.

## Conferences and courses attended

- 10th WSEAS Int. Conf. on AUTOMATIC CONTROL, MODELLING & SIMULATION (ACMO S '08), Istanbul, Turkey, May 27-30, 2008.
- 4th International Scientific Conference of Salahaddin University, October 18-20, 2011, Erbil, Kurdistan, Iraq.

## Funding and academic awards

- None

## Professional memberships

- List any membership you hold of any professional body or learned society relevant to your research or other life activities.

## Professional Social Network Accounts:

- ReserchGate, (<https://www.researchgate.net/profile/Jalil-Hamadamin>)
- Google scholar, (<https://scholar.google.co.jp/citations?user=ZDPRVb4AAAAJ&hl=ja>)
- LinkedIn, (<https://www.linkedin.com/in/jalil-hamadamin-b3834931/>)
- ORCID, (<https://orcid.org/0000-0002-1730-2852>)

It is also recommended to create an academic cover letter for your CV, for further information about the cover letter, please visit below link:

<https://career-advice.jobs.ac.uk/cv-and-cover-letter-advice/academic-cover-letter/>