Curriculum Vitae

Bayez Khorsheed Mohammed (Al-Sulaifanie)
(B.Sc. M.Sc. PhD)

(Electrical Engineering, Communication/Signal Processing)

Personal Data

Surname: Mohammed (Al-Sulaifanie)
Forenames: Bayez Khorsheed
Gender: Male
Marital Status: Married, Two sons and three daughters
Date and Place of Birth: 12/11/1948, Zakho, Kurdistan Region, Iraq
Nationality: Iraqi
Academic Status: Assistant Professor
Languages: Kurdish (mother tongue), English and Arabic (spoken and written)
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Education and Qualifications

(A) Schooling
- **1955-1959   Al-Thania Primary School, Zakho, Duhok**
- **1959-1960   Al-Thania Primary School, Duhok**
- **1960--1961   Dohuk Secondary School, Duhok**
- **1961-1962   Um-Alrabeeaeen Intermediate School, Mosul**
- **1962-1963   Al-Huria Intermediate School, Mosul**
- **1963-1965   Al-Markazia secondary school**

(B) University

- **1965-1970 B.Sc. study in the Dept. of Electrical Engineering, College of Engineering, Baghdad University, Baghdad, Iraq**
- **1975-1977 M.Sc. study in the Dept. of Electrical and Electronic Engineering, University Of Manchester Institute of Science and Technology (UMIST), Manchester,UK.**

- **1980-1984 PhD Study in the Dept. of Electronic and Communication Engineering, University Of Bath, Bath, UK**

Employment

- **1971-1975 Engineer, Dept. of Electrical Engineering, College of Engineering ,the University of Mosul, Mosul, Iraq.**

- **1977-1980 Assistant Lecturer, Dept. of Electrical Engineering, College of Engineering ,the University of Mosul, Mosul, Iraq.**

- **1984-1990 Lecturer Dept. of Electrical Engineering, College of Engineering ,the University of Mosul, Mosul, Iraq.**

- **1989-1994 Director of the Computer Center, University of Mosul, Iraq.**

- **1990-1998 Assistant Professor, Dept. of Electrical Engineering, College of Engineering ,The University of Mosul, Mosul, Iraq.**

- **1998-2003 Assistant Professor, Dept. of Computer Engineering, College of Engineering ,The University of Mosul, Mosul, Iraq.**

- **2003-2006 Dean College of Electronic Engineering, University of Mosul, Iraq**

- **2006- 2013   Head of Electrical and Computer Engineering dept, College of Engineering, University of Duhok, Duhok, Kurdistan Region, Iraq**

Professional Experience

(1) **Teaching undergraduate courses in Communication principles, Digital Communication, Digital signal Processing and Computer Networking**

(2) **Teaching postgraduate courses in Communication, Digital Communication, Digital signal Processing, Computer Networking and Multimedia.**

(3) **Head of the designer and implementation team of the Mosul University Fiber Optics Network.**

(4) **Curriculum Lead of the Mosul and Duhok Cisco Academy.**

Research and Publications

a. MsC theses entitled "Detection of Small Phase and Amplitude Changes At Microwave Frequencies" University of Manchester institute of science and technology(UMIST),Uk,1977

b. PhD theses entiteled" Non linear Frequency Compression With Particular Reference To Helium Speech" Univesity of Bath,Uk,1984

c. Supervising 26 Msc Students.

d. Supervising 8 PhD students.

e. Publications:

1.Bayez k. Al-sulaifanie, K.M Khaleel "A new digital serial modulator", Second Iraqi conference on engineering (ICE 88), 1988, Mosul, Iraq

2. Bayez k Al- Sulaifanie, Nabil M. Abdul-Kader "Effects of magnetic fields on people working in electro steel industries" IEEE international symposium on electromagnetic compatibility, Aug. 21-23,1990, Washington ,D.C,USA

3. Bayez k Al-sulaifanie, Abdullah I. Hassan" Digital speech spectrogram" National Conference on Computer Applications (NCC), Baghdad, Iraq, Dec 1991

4. Manar Younis Kashmola and Bayez K.Al-Sulaifanie "Long packet protocol" National Conference on Computer Applications (NCC), Baghdad, Iraq, june 1991

5. Bayez k Al-sulaifanie, A.K Al-sulaifanie, K.M Khaleel" Digital communication system tester" Engineering technology, Vol. 10,no 2,1991

6. Bayez k Al-sulaifanie, Abdullah I. Hassan," A microcomputer-Based Speech analysis/synthesis System" Dirasat, vol.21, No2, 1994.

7. A.R.Sulaiman, B.K.Al-Sulaifanie"ECG Quality Measurement Using Adaptive Technique" Al-Rafidain Engineering J., Vol.1, no.1, 1995

8. Manar Younis Kashmola and Bayez K.Al-Sulaifanie "Sliding window with long packets in Kermit protocol" Al-Rafidain Engineering J., Vol.5, no.2, Sep 1997

9. Bayez k Al-sulaifanie, Abdullah I. Hassan, K.M Khaleel "Pulse Shaping of Signals" Al-Rafidain Engineering J., Vol.7, no.2, 1999

10. Bayez K.Al-Sulaifanie and Sedki B.Al-Abdally" DSP Implementation of Enhanced Multistage Detector with Parallel Interface Cancellation of DSP-CDMA System" Proceeding of the 2005 international Arab conference on information technology ACIT' 2005, December 6th-8th 2005,Amman Jordan, pp 408-412

11. Manar Younis Kashmola and Bayez K.Al-Sulaifanie" Package Development for Wireless communication Systems" Proceeding of the 2005 international arab conference on information technology ACIT' 2005, December 6th-8th 2005, Amman Jordan, pp 32-38.

12.M.G.Hammoshi and Bayez K.Al-Sulaifanie" Kohonen Neural Network as High performance Paradigm" The 6th International Philadelphia Engineering Conference(IPEC 2006) on Computational Aspects and Their applications in Electrical Engineering", Amman , Jordan, September 18-21.2006,pp677-682.

13. Bayez Al-Sulaifanie and Ahmed M. Al-Kababji "Multi-Speaker Text-Independent Speaker Verification Using Wavelet And Neural Network" ACIT 2007,8th Arabic international conference on IT,26-28 November 2007, Lattakia,Syria

14.Bayez Al-Sulaifanie and Sedki B.Al-Abdally" Complex Reduction and Performance Improvement of Multistage Detector with Parallel Interference Cancellation for DS-CDMA System "AL Rafidain Engineering Journal, University of Mosul,Vol.16,4, Oct 2008

15.Maha A.Hasso, Bayez K.Al-Sulaifnie,Kaydar M.Quboa "Pupil Detection Execution Time Reduction in Iris Recognition System",Al-Rafiden Journal of Computer Sciences and Mathematics ,University of Mosul,Vol.5,No.2,2008, pp.183-192.

16. Maha A.Hasso,Bayez K.Al-Sulaifnie,Kaydar M.Quboa"Iris Recognition System Based on Wavelet Transfom" ",Al-Rafiden Journal of Computer Sciences and Mathematics, University of Mosul,Vol.6,No.2,2000,pp.105-116.

17.Alaa Y.Taqa $ Bayez k.Al-Sulaifanie" Constructing Pornographic Image Detector based on Bayesian Classifier" Journal of Education and Science , University of Mosul , Vol. 23 ,1,pp84,2010

18. Fayyadh Ahmed, Bayez Khorsheed Mohammed Al-Sulaifanie, Benjamin Crowgey, Edward Rothwell, B. Shanker, Leo Kempel" Radiation of a Circularly-polarized MicrostripAntenna Through an Uniaxial Superstrate A Preliminary Study", 2012 Loughborough Antennas & Propagation Conference 12-13 November 2012, Loughborough, UK

19. Fayyadh H. Ahmed and Bayez K. Alsulaifanie,"Dual-Wideband Planar Monopole Antenna for WLAN/WiMAX Applications" IEEE conference on Antenna and propagation (LAPC), 10-11 November 2014,pp.576-579,Loughborough UK

f. Complete PhD. Theses

1. Abdul-Sattar M.Khidhir " Investigation of Using Electroencephalography Signals in Human-Machine Communication System" Ph.D. Thesis, Mosul University 2000.
2. Mannar Kashmola "CDMA Communication system Simulation" Ph.D. Thesis, Mosul University 2004.
3. Mayyada G.D.Hammoshi" Problem Solving by Using High Performance Computing Techniques" PhD Thesis, Mosul University, 2005
4. Maha A.H.Al-Gurairi"Biometric Identification Based on Improved Iris Recognition Techniques" Ph.D. Thesis, Mosul University 2006.
5. Isra M.Al-Hamadany "Computer Based Image Retrieval System" Ph.D. Thesis, Mosul University 2006.
6. Alaa yassen Taka "Constructing Anti-SPAM Filter based on Naïve Bayesian Classifier" Ph.D. Thesis, Mosul University, 2007.
7. Mohammed A.Shaker " Enhancement of Non-Coherent BFSK Receiver using DSP Techniques" Ph.D. Thesis, Mosul University, 2007.
8. Ahmad M.Fadil "Multi speaker recognition system" Ph.D. Thesis, Mosul University, 2007.

g. Supervision of Theses M.Sc:

1. **Khalid.K.Mohammed" Design and Testing of a Programmable Digital Modulator" M.Sc. Thesis, University of Mosul 1987.**
2. **Abdullah.I.Hassan " Investigation into Arabic Speech Synthesis Using Formant Analysis" M.Sc. Thesis, University of Mosul 1989.**
3. **Taha Al-Sabagh" An Investigation into Microcomputer Based Directional Finder" M.Sc. Thesis, University of Mosul 1989.**
4. **Rafid Ahmad Khalil "Signal Processing In Adaptive Interference Canceling Arrays" MsC. Thesis, University of Mosul 1990.**
5. **Manar Y.Kashmola" The File Transfer Protocol "Kermit": The Model and Implementation". MsC Thesis, University of Mosul 1991.**
6. **Ibraheem Abdul-Salam " Signal Classifier" M.Sc. Theses, Mosul University,1993**

7. **Ala'a M.T. Al-Saffar "Investigation of Several Techniques of Isolated Word Recognition to Control a Plotter" M.Sc. Thesis, University of Mosul 1992.**

8. Mahmod A.Mahmod "An Investigation into Multi-rate Sampling Frequency Techniques and Its Applications In The Digital Signal Processing" M.Sc. Thesis, University of Mosul 1995.
9. Faris Hassan Taha" Spread spectrum intercom" M.Sc. Theses, University of Mosul 1995.
10. Sinan Mahdi Al-Najar "CT image restoration" M.Sc. Theses, University of Mosul 1996.
11. Hanan Zaki Hamdi" Data Coding" M.Sc. Theses, University of Mosul 1996.
12. Omar Abdul Jabbar "Mpeg Coding" M.Sc. Theses, University of Mosul 1998.
13. Azzam Adnan Mohamaded "Data transmission on power lines" M.Sc. Theses, University of Mosul 2000.
14. Fira Shawkat Hammed "A Simple spectrum analyzer" M.Sc. Theses, University of Mosul 2000.
15. Aymen Isaac Abbosh" Video signal encoding technique " M.Sc. Thesis, University of Mosul 1999.
16. Ammer A.S.Al-Dabagh"The Role of Direct Sequence in Global Positioning Systems" M.Sc. Thesis, University of Mosul 2001.
17. Alia Mofag "Speech scrambler" M.Sc. Theses, University of Mosul 2003.
18. Razen Abduljawad Abdul Hameed "Performance evaluation of a simulated computer network" M.Sc. Theses, University of Mosul 2003.
19. Saffa M.Z.Al-Ubaydi "Coding of CDMA Signals" M.Sc. Thesis, University of Mosul 2004.
20. Sedki B.Al-Abdally" DSP Based Spread Spectrum Receiver" M.Sc. Thesis, University of Mosul 2004.
21. Ahmad S.A.Al-Taan" Modeling and Simulation of Very High Data Rate Digital Subscriber Line" M.Sc. Thesis, University of Mosul 2004.
22. Hadi Ahmed Rasheed "Implementation and QoS Evaluation of BGP/MPLS VPNs over Iraqi Fiber Optics back bone" M.Sc. Thesis, Duhok University 2008.
23. Zainab SH.Hameed Al-Timimi"Wavelet Based signal Classification In Noisy Enviroments" M.Sc. Theses ,University of Baghdad 2009.
24. Ameel Sh. Issa "Real-Time switched Ethernet Using Traffic Smoothing and 802.1p Protocol Prioritization" M.Sc. Theses, Duhok University, 2010.

25. **Salar K. Shekha "Modeling Ultra Wide Band Transmission System" M.Sc. Theses, Salahaddin University 2010.**

26. **Sazan Hasan Hagji"Digital Modulation Recognition In Noisy Enviroments Using A Learning Machine" M.Sc. Theses, Duhok University, 2011**