

Manal Hammadi jasim Al-Kubaisi

Personal Information

- Place & Date of Birth: Baghdad, November 20th 1961
- Social Status: Single mother
- Nationality: Iraqi
- Email:manalkubasi@yahoo.com
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Academic Qualifications

- **Ph. D in Electrical & Electronic Engineering**
 - Awarded in November 2007
 - Evaluation: Very Good.
 - Title of Thesis :(Implementation Of Reconfigurable Stochastic Artificial Neural Network Using FPGA)
 - Supervised by: Dr. Moataz Abdulwahab & Dr. Hanan Alredha
- **Master Degree in Engineering Technology Sciences**
 - Awarded in December 2001
 - Evaluation: Very Good
 - Title of Thesis: A New Application-Instruction Algorithm for Generating Reference Templates for Speech Signal
 - Supervised by: Dr Walid Al-Johar, Electrical Engineering Department- University of Baghdad.
- **Bachelor Degree in Electrical & Electronic Engineering**
 - Awarded in 1984.
 - University of Technology, Baghdad-Iraq

Participated in the following Committees:

- Student's Discipline Committee for the Academic year 2008
- Examinations' Committee for the Academic years 2003 & 2004
- Committee responsible for composition of Practical Computer Lab Manual for the 1st year undergraduate students for the academic year 2002.
- Grades & Marks Revision Committee for the academic year 2002.
- Committee responsible for composition of Practical Geometric Design Lab Manual for the 1st year undergraduate students for the academic year 2002.

Training Courses Attended:

- Educational Course in University Related Teaching & Training Methodology. Course held at University of Technology, Baghdad-Iraq. Course Duration: 1 month from September 1st 2002 to September 30th 2002.
- Passed the Foreign Language Proficiency Test held at Al-Mustansria University on March 13th 1999.
- Orientation Course for "Computer Training for Post-Graduate students" in the National Computer Center, Baghdad. From April 3rd till May 8th 1999.
- Protection of Electrical Power Systems Course held in Faculty of Engineering, Al-Mustansria University. From August 13th to August 18th 1995.
- Simulation in Electronic Control Systems, held in Faculty of Engineering, University of Baghdad from December 5th to December 12th 1994.
- Basic & Advanced C language training courses in 1993.
- Microprocessors & Microcomputers and their use. Course held in Faculty of Engineering, University of Baghdad from March 7th till March 12th 1992.
- Auto CAD course held in National Computer Center, Baghdad from October 26th till October 31st 1991.

Publications:

- Paper Title: (Modified 16 x 40 Gb/s RZ-2DPSK WDM Dispersion & Polarization Interleaved System Transmission), to be published in the first Scientific Summit of Electrical Engineering Department/ University of Technology/ Baghdad, 2011.
- Paper Title: (Floating Point Optimization using VHDL), to be published in Engineering & Technology Magazine in Baghdad, 2009.
- Paper Title: (Design of a Stochastic Re-Configurable Artificial Neural Network using FPGA), to be published in Iraqi Magazine for Computer & Telecommunication Engineering, Baghdad, 2009.
- Paper Title: (Application of Optical Flow to the Signal Treating by Liner Predictive Coding). Published in Engineering & Technology Magazine. University of Technology, Volume 3, issue no. 5, Year 2005.
- Paper Title: (A Neural Network Based Reference Templates generations for Speech Signals). Published in Engineering & Technology Magazine, University of Technology - Baghdad. Volume 23, issue no. 1, year 2004

- Paper Title: (A Novel Approach of Generating Reference Templates for Speech Signals). Published in Engineering Magazine, University of Baghdad, Volume 7, issue no.2, year 2001.

Academic Work:

- Preparing the curriculum for 3rd & 4th. years undergraduate engineering students' Experimental Computer Lab. Title of Experiment: (Digital Design with VHDL)
- Participated in Prepared the curriculum for 1st year undergraduate engineering students' Experimental Computer Lab. Title: Computer Applications. This curriculum is still adapted to the moment.

Working Experience:

- Starting from November 22nd 2007 till the moment, Member of Faculty Staff with the following assignments:
 - Teaching Analogue & Digital Electronics for 2nd & 3rd year engineering students.
 - Supervising Final Projects presented by the students
 - Scientific supervision of the electronic engineering lab
 - From January 1st 2009 to July 1st 2010 as Electronic Engineering Branch Rapporteur.
- From December 25th 2001 till September 1st 2005, member of Faculty Staff with the following assignments:
 - Teaching Computer Sciences for 1st year engineering students.
 - Supervising projects presented by 4th year undergraduate engineering students.
 - Scientific Supervision of the Computer lab.
 - From October 23rd 2002 to December 1st 2003 as Electronic & Electrical Engineering Department Rapporteur.
- Worked in Electric & Electronic engineering department labs as a supervisor of experiments performed by undergraduates.
 - From November 1996 to
- Worked in the General Facility of Design & Construction and participated in designing industrial projects. April 1994.
- Worked in Ibn Al Heitham Center for Design & Research as a deputy Director of the facility. January 1991.
- Worked in Solar Energy Research Center as a member of the Scientific Research Team. October 1988.
- Worked as an Assistant Engineer in Electronic Engineering Scientific Research Board. December 1984.

Certificates of Appreciation & Gratitude earned during career:

- Certificate of Appreciation from Chairman of Electric & Electronic Engineering Department Professor Ali Al- Sheikhly for the hard work performed in organizing exams of academic year 2004.
- Certificate of Appreciation from Chairman of Electric & Electronic Engineering Department Professor Ali Al- Sheikhly for the distinguished efforts while acting as the department rapporteur. 2003
- Certificate of Appreciation from the President of University of Technology Professor Nour Eddein Al Refaai for the distinguished efforts during the academic year 2002-2003.
- Certificate of Appreciation from Chairman of Electric & Electronic Engineering Department Professor Rasheed Al Rubeiai for efforts during the summer vacation during the academic year 2002.
- Certificate of Appreciation from Chairman of Electric & Electronic Engineering Department Professor Rasheed Al Rubeiai for the distinguished efforts in revision & check up of grades & marks in the academic year 2002.
- Certificate of Appreciation from the General Facility of Industrial Projects for the excellent performance in the AUTOCAD course.
- 3 Certificates of Appreciation from the Scientific Research Board-Center of Computer & Electronic Research in 1986.

References:

- **Dr Mua'taz AbdulWahab**
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- **Dr Qais Matti**
E mail: qaismatti2004@yahoo.com
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- **Dr Hadeel Nasrat Abdullah**
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University of Technology
Department of Electrical and Electronic Engineering



To whom it may concern

My experiment in research and teaching begin since 1984 at that time I'm working in electronic engineering department, scientific research council as assistance engineer with the research groups from 1984 to 1999.

From 2001- 2004 after having the MSc degree, I'm publishing the following papers: (A Novel Approach of Generating Reference Templates for Speech Signals), (A Neural Network Based Reference Templates generations for Speech Signals), Prepared the curriculum for 1st year undergraduate engineering students' Experimental Computer Lab, Teaching Computer Sciences for 1st year engineering students, Supervising projects presented by 4th year undergraduate engineering students and Scientific Supervising of the Computer lab.

From 2007- after having the Ph.D degree, I'm publishing the following papers: (Application of Optical Flow to the Signal Treating by Liner Predictive Coding), (Design of a Stochastic Re-Configurable Artificial Neural Network using FPGA), (Floating Point Optimization using VHDL), Preparing the curriculum for 3rd & 4th. years undergraduate engineering students' Experimental Computer Lab, Teaching Analogue & Digital Electronics(circuits and devices) for 2nd & 3rd year engineering students, Supervising Projects presented by the 4th year undergraduate engineering students and Scientific supervising of the electronic engineering lab.

In view of above, my experiment in researches (design, analysis, software, hardware, electronic circuits and system) and teaching (electronics devices and circuits, advance and primary, software and hardware) was about 25 years which is good time for having a good skills and practices in this field.

Manal Hammadi jasim Al-Kubaisi (PhD, University of Technology, Iraq)

Lecturer;

University of Technology; Department of Electrical and electronic Engineering

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