

CURRICULUM VITAE

Nasseer Moyasser Basheer

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EDUCATION

- 2002-2007 University of Mosul, PhD.
Electronics Engineering
Supervisors: Prof.: Hussein Ali, & Ass. Prof. Ahmed Khorsheed
- 1982-1984 University of Mosul, MSc.
Electronics Engineering
Supervisor: Lect. Sinan M. Attar-bashi
- 1981-1982 University of Mosul, PG Diploma
Electronics and Communication Engineering
- 1976-1980 University of Mosul, BSc.
Electrical Engineering (Electronics and Communication)

ACADEMIC EMPLOYMENT

- 2007-now Lecturer at the Technical Engineering College/
Northern Technical University
- 1994-2007 Lecturer at the Mosul Technical Institute/
Foundation of Technical Education
- 1993-1994 Ass. Lect. At the Ninevah Technical Institute/
Foundation of Technical Education
- 1986-1993 Ass. Lect. At Kirkuk Technical Institute/
Foundation of Technical Educat

PUBLICATIONS

IN JOURNALS:

- 1-"Arduino Based Text Steganography in Color Images", Riyadh Z. Mahmood, Nasseer M. Basheer, International Journal of Advanced Research in Computer Science and Software Engineering(IJARCSSE), ISSN:2277 128X, Vol.6, Issue 7, July 2016.
- 2- "Proposed Method of Text Hiding in Image Edges", Nasseer M. Basheer, Ashty M. Aaref, Dhafer A. Ayyed, International Journal of Computer Applications (0975-8887), Vol. 126-No.11, September 2015.
- 3-"Digital Image Sobel Edge Detection Using FPGA", Nasseer M. Basheer, Ashty M. Aaref, Dhafer J. Ayyed, International Journal of Advanced Research in Computer Science and Software Engineering(IJARCSSE), ISSN:2277 128X, Vol.5, Issue 7, July 2015.
- 4-"MATLAB Assisted Analog ECG System Simulator", Nasseer M. Basheer, Omer H. Mohammed, Accepted for publishing at the Babylon University Journal, 2014.
- 5- "Image Denoising Using FPGA Based 2D-DWT Architecture", Nasseer M. Basheer, Mustafa M. Mohammed, International Journal of Recent Technology and Engineering(IJRTE), ISSN:2277-3878, Vol.2, Issue-4, September 2013.
- 6-"Classification of Breast Masses in Digital Mammograms Using Support Vector Machines", Nasseer M. Basheer, Mustafa H. Mohammed, International Journal of Advanced Research in Computer Science and Software Engineering, Vol.3, Issue 10, October 2013.
- 7-"Design and FPGA Implementation of a Lifting Scheme 2D DWT Architecture", Nasseer M. Basheer, Mustafa M. Mohammed, International Journal of Recent Technology and Engineering(IJRTE), ISSN:2277-3878, Vol.2, Issue-1, March 2013.
- 8-"Segmentation of Breast Masses in Digital Mammograms Using Adaptive Median Filtering and Texture Analysis", Nasseer M. Basheer, Mustafa H. Mohammed, International Journal of Recent Technology and Engineering(IJRTE), ISSN:2277-3878, Vol.2, Issue-1, March 2013.
- 9-" ROI Coding Techniques for SPECK Compressed Images", Nasseer M. Basheer, Omar S. Shakar, The Mediterranean Journal of Computers and Networks, Vol.7, No.1, 2011.
- 10-"Digital Image Watermarking Algorithm in Discrete Wavelet Transform Domain Using HVS Characteristics", Nasseer M. Basheer, Shaimaa S. Abdulsalam, Iraqi Journal of Statistical Sciences (IRQ J.S.S), Mosul, Vol.11, No.20, 2011.
- 11-"FPGA Based Speed Control of a Separately Excited DC Motor", Maan M. Shaker, Nasseer M. Basheer, Qusay H. Ali, Al-Rafidain Journal of Computer Sciences and Mathematics, Mosul, Vol.7, No.3, 2010.
- 12-"Wide range Modulation Index Variation/FPGA Based SPWM Three-Phase Inverter", Abdul-Kareem Z. Mansoor, Nasseer M. Basheer, Ahmed M. T. Al-Naib, Gulf University Journal, Vol.2-Eng.Div., No.1, Bahrain, 2010.
- 13-"Microcomputer Based EPROM Programmer", Bashar S. Mohammed, Nasseer M. Basheer, and Loay A. Saleh, Al-taqani Magazine, Baghdad, Iraq, 1997.
- 14-"Microcomputer Based, Three Phase, Sequence Indicator, and Frequency Checker" Nasseer M. Basheer, Al-Rafidain Engineering Journal, Mosul, Iraq, 1996.

In Conferences:

- 1-"Digital Image Watermarking Scheme Using Discrete Wavelet Transform Domain, Quantization, and Genetic Algorithm", Nasseer M. Basheer, Shaimaa S. Abdulsalam, The 5th Scientific

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Conference in Information Technology, College of Computer Science and Mathematics, University of Mosul, December 19-20, 2012.

2-"FPGA Based Three-Phase Sinusoidal PWM Inverter with VVVF Controller", Abdul-Kareem Z. Mansoor, Nasseer M. Basheer, Ahmed M. T. Al-Naib, Second Conference of Computer and Information Technology CCIT2012, College of Computing, University of Anbar, Sponsored by IEEE Iraqi branch, Anbar, April 4-5, 2012.

3-"ROI Coding Techniques for SPECK Compressed colored Images", Nasseer M. Basheer, Omar S. Shakar, Second Conference of Computer and Information Technology CCIT2012, College of Computing, University of Anbar, Sponsored by IEEE Iraqi branch, Anbar, April 4-5, 2012.

4- " Inspection of NLS Image Compression Algorithm Behavior Regarding Message Bits and Depth of Wavelet Transform", Nasseer M. Basheer, Second Conference of Computer and Information Technology CCIT2012, College of Computing, University of Anbar, Sponsored by IEEE Iraqi branch, Anbar, April 4-5, 2012.

5-"Iris Recognition Using 2-D Circular Wavelet Filter", Jassim M. Abdul-Jabbar, Nasseer M. Basheer, Ru'a F. Fadhel, The 2nd Conference of Babylon University, Sponsored by IEEE Iraqi branch, Babylon, Iraq, June, 2011.

6-"Arbitrary Shaped ROI Coding Techniques for SPECK Compressed Images", Nasseer M. Basheer, Omar S. Shakar, The 12th Scientific Conference, Foundation of Technical Education, Vol.2, Engineering Researches, Baghdad, March 28-29, 2011.

7- "Adding a Watermark to Wavelet Transformed Images", Nasseer M. Basheer, Shaimaa S. Abdulsalam, The 12th Scientific Conference, Foundation of Technical Education, Vol.2, Engineering Researches, Baghdad, March 28-29, 2011.

8-"Multiple ROI regions for NLS compressed images by stream header Modifications", Nasseer M. Basheer, The 11th Scientific Conference of the Foundation of Technical Education, Baghdad, Iraq, March 23-24, 2009.

9-"Computer Aided Training", Mohammed-zeki M. Khider, Nasseer M. Basheer, and Ala-uddin Y. Mahmood, Iraqi Engineer's Committee Conference, Mosul, 1988.

TEACHING EXPERIENCE

THE FOLLOWING SUBJECTS HAD BEEN INSTRUCTED:

POSTGRADUATE STUDIES:

MICROPROCESSORS

UNDERGRADUATE STUDIES

1-DIGITAL IMAGE PROCESSING 2017/2018, 2010/2011

2-Digital techniques 2011-2014

3-Graduation Project 2007-2012

4-Power electronics 2000-2006

5-Electrical circuit analysis 1993-2000

6-Microprocessors 1990-1993

7-Programming using BASIC 1987-1989

8-Maintaining measurement instruments 1987-1989

TEACHING INTERESTS

- 1-DIGITAL IMAGE PROCESSING
- 2-MICROCONTROLLERS
- 3-MICROPROCESSORS
- 4-DIGITAL TECHNIQUES AND FPGA
- 5-ENGINEERING CIRCUIT ANALYSIS