

CV



Name: *Dr. Nemir Ahmed Al-Azzawi*

DOB: 1972

General Specialization: *Electrical and Electronics Engineering*

Specific Specialization: *Biomedical Engineering*

Scientific Degree: *Lecturer*

Languages: *Arabic, English*

Email: dr.nemir@kecbu.uobaghdad.edu.iq

■ First: Scientific Certification:

No.	Certificate	Country	University	College	Date
1	B.Sc	Iraq	Mustansiriya University	College of Engineering	1994
2	M.Sc	Iraq	Baghdad	College of Engineering	1998
3	PhD	Malaysia	University of Science Malaysia USM	School of Electrical and Electronics	2010
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■ Second: University Teaching:

No.	Faculty	University	Dated (from – to)
1	College of Engineering	Mustansiriya University	١٩٩٨-١٩٩٩
2	College of Engineering	Al-Fateh University (Center of Higher)	١٩٩٩-٢٠٠١
3	College of Engineering and Information Technology	University of Science and Technology of Jordan	٢٠٠١-٢٠٠٢
4	College of Science	Zahra College for Girls	٢٠٠٢-٢٠٠٣
5	College of Engineering	Higher College of Technology	٢٠٠٣-٢٠٠٨



No.	Faculty	University	Dated (from – to)
6	College of Engineering	University of Science Malaysia USM	2008-2011
7	College of Engineering	University of Baghdad	2012- until now

■ Third: Thesis Supervised By:

No.	Research Title	Branch	M.Sc. / PhD.	Year
1				
2				
3				



Forth: Conferences Participated In:

No.	Title	Year	Place	Participation Type
1	Image Processing and Text/ Character Extraction	٢٠٠٦	Libyan Arab	Researcher
2	An Efficient Speech Recognition Using CELP Coder	٢٠٠٦	Sultanate of Oman, NVRTIT 17-18 May 2006	Researcher
3	Medical image fusion scheme using complex contourlet transform based on PCA	2009	Hilton Minneapolis, Minnesota, USA	Researcher
4	An Efficient Medical Image Registration Employing Nonsampled Contourlet Edge Extraction	2009	RoViSP 2009, Lankawi-Malaysia	Researcher
5	An efficient medical image fusion method using contourlet transform based on PCA	2009	Kuala Lumpur, Malaysia	Researcher
6	Tumor Image Fusion Based on Contourlet Transform Multiresolution Decomposition	2009	Bukit Jawi Golf Desert, Malaysia	Researcher
7	Robust feature-based registration for CT-MR images	2010	Iriški Venac, Serbia	Researcher
8	Fast free-form registration based on kullback- leibler distance for multimodal medical image	2010	Penang, Malaysia	Researcher
9	MR image monomodal registration based on the nonsampled contourlet transform and mutual information	2010	Kuala Lumpur, Malaysia	Researcher
10	Professional Coloring Image Fusion Method for Multimodal Medical Imaging Based on F-Transform	2012	Al-Nahrain University, Baghdad	Researcher
11	Rigid Point Feature Registration for MRI Brain Images	2013	Kuala Lumpur, Malaysia	Researcher

Fifth: Research Projects in The Field of Specialization Concerning Environment & Society or the Development of Education:

No.	Research Title	Place of Publication	Year
1	MRI Monomodal Feature-Based Registration Based on the Efficiency of Multiresolution Mutual Representation and Information	American Journal of Biomedical Engineering	2012
2	Rigid Point Feature Registration for MRI Brain Images based on Fuzzy Transform	IJCA	2013
3	Automatic Recognition System of Infant Cry Based on F-Transform	IJCA	2014
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Sixth: Membership:

No.	Name of Group	Year	Membership Type
1	Member of Iraqi Engineers Society	Since 1994	member
2	IEEE Engineering in Medicine & Biology Society	Since 2007	member
3	IEEE Society	Since 2007	member
4	Editor and Reviewer at some International Science and Engineering Journals	Since 2009	member

Seventh: Scientific Activities:

No.	Activity Type ¹	Activity Place	Year	(in/out) College
1	Research	Renewable Energy Symposium / Faculty of Engineering	2013	in
2	Exchange of scientific expertise	A ministerial committee / R & D department	2013	out
3				

Eighth: Courses You Taught:

No.	Branch	Material	Year
1	Department of Electrical Engineering	Advanced communications , communications laboratory	1999-1998
2	Department of Electronic Engineering	Circuitry , Calculators , Electronic , logic circuits , microprocessor , graduate and project control	2001-1999
3	Department of Information Technology	Principles of information technology , the theoretical probability	2002-2001
4	Department of Computer Science	Computers Skills , computer networks , systems, network connectivity , graduation projects	2002-2003

¹ Activity Type: Research, industrial, commercial, exchange of scientific expertise... etc.

5	Department of Electronic Engineering	DSP, communications , networks, computers , CNC machine, digital image processing , OJT, graduation projects	2003-2008
6	School of Electrical engineering and Electronics	Advance DSP, Digital image processing , medical devices and their uses	2011-2008
7	Department of Electrical Engineering	Electronic , graduation projects	٢٠١١-٢٠١٤
8	Department of Biomedical Engineering	Medical imaging , control, graduation projects	٢٠١٤- now

■ Ninth: Published Researches in/out Iraq:

No.	Research Title	Scientific Journal	Issue	Vol.	Issuer Journal
1	<i>Tumor Image Fusion Based on Contourlet Transform Multiresolution Decomposition</i>	Journal of Digital Imaging	2		<i>School of Electrical & Electronic (USM)</i>
2	Improved CT-MR image fusion scheme using dual tree complex contourlet transform based on PCA	American Journal of Biomedical Engineering	٢	٧	World Scientific Publishing Company
3	A coloring image fusion method for multimodal medical imaging based on contourlet transform	International Journal of Computer Applications	Accepted		Springer

No.	Research Title	Scientific Journal	Issue	Vol.	Issuer Journal
4	MRI Monomodal Feature-Based Registration Based on the Efficiency of Multiresolution Representation and Mutual Information	International Journal of Computer Applications	۳	۲	Scientific & Academic Publishing
5	Rigid Point Feature Registration for MRI Brain Images based on Fuzzy Transform		۴	۷۱	Published by Foundation of Computer Science, New York, USA
6	Automatic Recognition System of Infant Cry Based on F-Transform		12	102	Published by Foundation of Computer Science, New York, USA
7	Detection of P2P Botnets Based on Support Vector Machine: Case Study	Eng. & Tech.	5	32	Published by University of Technology

■ Thenth: Awards and Certificates of Appreciation:

No.	Name of Awards or Certificate	Donor	Year
1	Acknowledgment	Head of Electrical Engineering	2013
2	Acknowledgment	Dean of College of Eng	2013
3	Acknowledgment	Head of Univ. of Baghdad	2013

■ Eleventh: Scientific literature:

No.	Scientific Literature Title	Year of The Publication
1	Image Fusion and Its Applications	2011
2		

Twelvth: Career:



No.	Career	Workplace	From -To
1	Assistant Lecturer	Mustansiriya University	1998-1999
2	Assistant Lecturer	Al-Fateh University (Center of Higher)	1999-2001
3	Assistant Lecturer	University of Science and Technology of Jordan	2001-2002
4	Assistant Lecturer	Zahra College for Girls	2002-2003
5	Lecturer	Higher College of Technology	2003-2008
6	Lecturer	University of Science Malaysia USM	2011-2008
7	Lecturer	University of Baghdad	2012: until now
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