المعلومات الشخصية	
الاسم الثلاثي واللقب	رمزي سالم علي الوائلي
المواليد	1964-3-25
محل التولد	البصرة
الجنسية	عراقية
الحالة الزوجية	متزوج
عدد الأطفال	ثلاثة
العنوان	البصرة-حي التحرير
البريد الالكتروني	ramzy.ali@uobasrah.edu.iq
تلفون	+9647801001044
اللقب العلمي	استاذ مساعد
الاختصاص العام	هندسة كهربائية
الاختصاص الدقيق	سيطرة و نظم
تاريخ التعيين في الجامعة	1992-6-16

الشهادات والالقاب العلمية				
الشهادة	تاريخها	عنوان الرسالة / الاطروحة	الجامعة	البلد
الدكتوراه	2003	تركيب مسيطرات متينة للسيطرة على الاجسام الطائرة	سانت-بيترزبورغ التقنية الحكومية	روسيا الاتحادية
الماجستير	1989	دراسة حول العالجات الاولية والتمييز اللغوي للحروف العربية المكتوبة باليد	البصرة	العراق

المهارات	
اللغة العربية	اللغة الام
اللغة الانكليزية	جيد
لغات اخرى	الروسية

الدورات التدريبية			
اسم الدورة	مكان الدورة	مدة الدورة	تاريخ الدورة
مشروع Delphi Iraq	جامعة سالفورد- بريطانيا	ثلاثة اسابيع	3-7-2011 لغاية 24-7-2011
برنامج دعم طلبة الدراسات العليا	جامعة نورثمبريا- بريطانيا	شهر واحد	16-4-2013 لغاية 16-5-2013

ورشة عمل	سالفورد-بريطانيا	خمسة ايام	8-4-2010 لغاية 12-4-2010
ورشة عمل	اسطنبول-تركيا	ثلاثة ايام	3-10-2010 لغاية 5-10-2010
ورشة عمل	اسطنبول-تركيا	ثلاثة ايام	8-5-2011 لغاية 10-5-2011

المناصب الادارية		
الوظيفة (تبدأ من الوظيفة الحالية)	**من الفترة**	**الى الفترة**
رئيس القسم	2014-12-16	لحد الان
	2006-3-27	2012-7-31
	2004-1-17	2004-11-9

النشاط البحثي	
اسم النشاط	**مكان وتاريخ النشر**
انظر الى قائمة المنشورات*	
النشاطات الثقافية (المشاركات في المؤتمرات والندوات وغيرها)	
اسم النشاط	**مكانه وزمانه**
انظر الى قائمة المنشورات*	

الجوائز وكتب الشكر والشهادات التقديرية للسنة الدراسية			
الشهادة	**تاريخها**	**الجهة المانحة**	**سبب المنح**

الخبرات التدريسية	
اسم المادة التي درستها	**المرحلة الدراسية**
تكنلوجيا الكهرباء-هندسة كيمياوية	1994-1992 المرحلة الثانية
الحاسبات الدقيقة والمسيطرات الدقيقة-هندسة كهربائية	1996-1993 المرحلة الرابعة
حاسبات دقيقة-هندسة حاسبات	2007-2004 المرحلة الثانية والثالثة
الكترونيات-هندسة كهربائية	2012-2008 المرحلة الرابعة
الاتمتة الصناعية- هندسة كهربائية	2016-2013 المرحلة الرابعة
انظمة السيطرة الذكية	دكتوراه
المعالجات الدقيقة والمسيطرات الدقيقة	دكتوراه
انظمة الزمن الحقيقي	دكتوراه
الانظمة الغير خطية	دكتوراه
المسيطرات الدقيقة	ماجستير
الشبكات العصبية والمنطق المضبب	ماجستير
انظمة تشغيل	ماجستير

الاشراف على الدراسات العليا	عدد الرسائل / والاطاريح
الماجستير	22
الدكتوراه	6

Personal information

First Name and sur Name	Ramzy Salim Ali Al-Waily
Date of Birth	25/3/1964
Place of Birth	Basrah
Nationality	Iraq
Marital Status	Married
Number of Children	Three
Address	Basrah-Iraq
E-mail	ramzy.ali@uobasrah.edu.iq, rsalwaily@ieee.org
Telephone number	+9647801001044
Scientific Rank	Assistance Professor
General Specialty	Electrical Engineering
precise specialization	Control and Systems
Date of first appointment at the University	16-6-1992

The certificates and scientific title

Certificate	title of the thesis	University	Country
Doctorate	Synthesis of Robust Controllers for Flight Vehicles Stabilization	Saint-Petersburg State Polytechnic	Russia
Master	A Study on Preprocessing and Syntactic Recognition of Hand Written Arabic Characters	Basrah	IRAQ

Skills

Arabic	Native
English	Good
other language	Russian

Training courses

Course Name	Place	Duration	Date
Delphi Iraq Project	Salford University- UK	Three Weeks	3-24/7/2011
	Northumbria University-UK	One Month	16-4 to 16/5/2013
workshop	Salford-UK	Five days	8-12/4/2010
workshop	Istanbul- Turkey	Three days	3-5/10/2010

workshop	Istanbul- Turkey	Three days	8-10/5/2011
Administrative Posts			
Career (now)	**From**		**To**
Head of the department	16-12-2014		Till now
	27-3-2006		31-7-2012
	17-1-2004		9-11-2004

Research Activity	
Seminars	**Place and date of publication**
See the list of publications*	
Cultural activities	
Seminars	**Place and date**
See the list of publications*	
Awards and thanks and appreciation certificates for the school year	

Certificate	**data**	**issued by**	**reason**

Teaching Experience	
Studied	**Stage**
Electric Technology- Chemical Engineering Dept.	1992-1994 Second year student
Microcomputers & Microprocessors-Electrical Eng. Dept.	1993-1996 Forth year
Microprocessors I &II- Computer Engineering Dept.	2004-2007 Second and Third years
Electronics- Electrical Engineering Dept.	2008-2012 Fourth year
Industrial Automation- Electrical Engineering Dept.	2013-2016 Forth year
Intelligent Control Systems- Electrical Eng. Dept.	PhD Course
Microprocessors & Microcontrollers- Elect. Eng. Dept.	PhD Course
Real Time Systems- Elect. Eng. Dept.	PhD Course
Nonlinear Control Systems- Elect. Eng. Dept.	PhD Course
Microprocessors- Elect. Eng. Dept.	MSc Course
Fuzzy Logic & Neural Networks- Elect. Eng. Dept.	MSc Course
Operating Systems – Computer Eng. Dept.	MSc Course
Supervision of postgraduate	**number**
MSc	22
PhD	6

*List of Publications:

1. A. O. M. Saleh, and **Ramzy. S. Ali**, An iterative algorithm for thinning hand-written Arabic characters, Proceedings of the 1st national Jordanian conf. of Electrical Engineering, April 19-21, 1993, Mu'tah University, Karak, Jordan, pp. 163-173.

2. R. S. Fyath and **Ramzy. S. Ali**, Performance analysis of direct-detection optical receivers in the presence of laser intrinsic intensity noise, Eng. & Technology, vol.15, no.10, 1996, Baghdad, Iraq, pp. 18-29.

3. R. S. Fyath and **Ramzy. S. Ali**, Receiver analysis for Gigabit-per-second Non-regenerative optical fiber transmission systems: Impact of phase-to-Intensity noise conversion by Chromatic Dispersion, published in the International Journal of Optoelectronics (paper reference no. PAD/95/16 in 26 Oct. 1995).

4. **Ramzy S. Ali**, Yerofeyev A. A. and Smirnov Y. M., The Problems of Using Neural Networks in Aircraft Control, Translations of St. Petersburg State Technical University, no. 480, 2000, pp. 3-16.

5. **Ramzy S. Ali**, Ali Fathel, and Jawad Radhi, Boost DC/DC Converter Based on Fuzzy Logic, Basrah Journal for Engineering Sciences, vol.6, no.1, 2006, pp.48-61.

6. R. H. Thejel, **Ramzy S. Ali**, and Elaf J. Majeed, Novel Synthesis Methodology for Controlling Zero-Current Zero- voltage Transition DC/DC Boost Converter, Basrah Journal for Engineering Sciences, vol.6, no.1, 2006, pp. 11-26.

7. **Ramzy S. Ali**, Ali Fathel, and Jawad Radhi, Reduced Rules fuzzy Logic Based control of Boost DC/DC converter, Basrah Journal for Engineering Sciences, vol.6, no.1, 2006

8. **Ramzy S. Ali**, Ali Fathel, and Jawad Radhi, Fuzzy Based controller for AC/ DC Boost Converter, Iraqi Journal for Electrical and Electronic Engineering, Vol.3, no.2, 2007.

9. **Ramzy S. Ali**, Ali Fathel, and Jawad Radhi, Load Current dependent fuzzy logic based controller for Buck DC/DC Converter, Iraqi Journal for Electrical and Electronic Engineering, Vol.3, no.2, 2007.

10. Abdulkareem S. Abdallah, Ali A. Noaman, **Ramzy S. Ali**, Sidelobe Reduction in Linear and Planar Array Antenna Using Genetic Algorithm, Basrah Journal for Engineering Sciences, vol.10, no.2, 2010, pp. 111-125.

11. Abdulkareem S. Abdallah, Ali A. Noaman, **Ramzy S. Ali**, Optimal Sidelobe Reduction and Synthesis of Circular Array Antenna using Hybrid Adaptive Genetic Algorithm, Proceeding of the IEEE 18th International Conference on Microwaves, Radar, and Wireless Communications, Vilnius, Luthuania, vol.1, June 14-16, 2010, pp. 1-4.

12. **Ramzy S. Ali Ai-Waily**, Design of Robust Mixed H2/H∞ PID Controller Using PSO, IJACT, vol.2, no.5, 2010.

13. Ali Abdullah K. Al-Thuwainy and **Ramzy S. Ali Al-Waily**, Designing robust Mixed H2 /H∞ PID Controllers based Intelligent Genetic Algorithm, Iraqi Journal for Electrical And Electronic Engineering,Volume: 10, Issue: 1, 2010, pp: 25-34

14. Fortuna Luigi, Frasca Mattia, **Ramzy S. Ali**, Gambuzza Lucia Valentina and Sarra Fiore Angelo, Analysis of the determinism of time-series extracted from social and biological systems, Iraqi Journal for Electrical And Electronic Engineering, Volume: 10, Issue: 2, 2010, pp: 180-185.

15. Fawzi M. Al-Naima, **Ramzy S. Ali**, and Ahmed J. Abid, Design and Implementation of a Smart Dual Axis Sun Tracker Based on Astronomical Equations, in the European Workshop on Renewable Energy Systems, Turkey, Antalya, 2012.

16. F. Rahma, **Ramzy S. Ali**, L. Fortuna, and M. Frasca, New Chaotic Attractors and New Chaotic Circuits, International Journal of Advancements in Computing Technology (IJACT), vol. 4, no. 3,

2012.

17. Fawzi M. Al-Naima, **Ramzy S. Ali**, and Ahmed J. Abid, Design of a Control and Data Acquisition System for Multi-mode Solar Tracking Farm, in the European Workshop on Renewable Energy Systems, Turkey, Antalya, 2012.

18. Fawzi M. Al-Naima, **Ramzy S. Ali**, and Ahmed J. Abid, Smart Home Energy Management: Design Based on Power Line Communications, International Conf. On Renewable Energies in Developing Countries, REDEC, 28-29 Nov., 2012, Beirut, Lebanon.

19. Mofeed Turky Rashid, Mattia Frasca, Abduladhem Abdulkareem Ali, **Ramzy Salim Ali**, Luigi Fortuna and Maria Gabriella Xibilia, Nonlinear Model Identification for Artemia Population Motion, Nonlinear Dynamics, Springer, Vol. 69, Issue 4, pp. 2237-2243, Septemper 2012.

20. Mofeed Turky Rashid, Mattia Frasca, Abduladhem Abdulkareem Ali, **Ramzy Salim Ali**, Luigi Fortuna and Maria Gabriella Xibilia, Artemia swarm dynamics and path tracking, Nonlinear Dynamics, Springer, Vol. 68, Issue 4, pp. 555-563, June 2012.

21. Mofeed Turky Rashid, Abduladhem Abdulkareem Ali, **Ramzy Salim Ali**, Luigi Fortuna, Mattia Frasca and Maria Gabriella Xibilia, Wireless Underwater Mobile Robot System Based on ZigBee, International Conference on Future Communication Networks, April 9-12, Baghdad, 2012.

22. Fawzi M. Al-Naima, **Ramzy S. Ali**, and Ahmed J. Abid, Solar Tracking System: Design Based on GPS and Astronomical Equations, in IT-DREPS Conf. & Exhibition, Amman, Jordan, May 29-31, 2013, pp. 144-149.

23. Fawzi M. Al-Naima, **Ramzy S. Ali**, Ahmed J. Abid, Zabih F. Ghassemloy, and Zhiwei D. Gae, A New Power Line Communication Modem Design With Applications to Vast Solar Farm Management, Innovative Systems Design and Engineering Journal, vol.4, no.14, pp. 34-48, 2013.

24. Fawzi M. Al-Naima, **Ramzy S. Ali**, and Ahmed J. Abid, Solar Tracking System: Design Based on GPS and Astronomical Equations, International Journal of Information Technology and Web Engineering, 9 (1), 1-20, January-March, 2014.

25. Fawzi M. Al-Naima, **Ramzy S. Ali**, and Ahmed J. Abid, Design of an Embedded Solar Tracking System Based on GPS and Astronomical Equations, International Journal of Information Technology and Web Engineering, vol. 9, Issue 1, January 2014, Pages 12-30.

26. Ahmed J. Abid, **Ramzy S. Ali** , Fawzi M. Al-Naima, Zabih F. Ghassemloy, and Zhiwei D. Gae, A New Power Line Communication Modem Design With Applications to Vast Solar Farm Management, 3rd International Conference on Electric Power and Energy Conversion Systems, Yildiz Technical University, Istanbul, Turkey, October 2-4, 2013.

27. Fadhil Rahma, **Ramzy S. Ali**, and L. Fortuna, A Nonlinear Capacitor-Based Chaotic Electrical Oscillator, *3rd International Scientific Conference*, Technical College, Najaf, 2013.

28. Fadhil Rahma, **Ramzy S. Ali**, and L. Fortuna, Analog Programmable Electronic Circuit Based Chaotic Lorenz System, Basrah Journal for Engineering Sciences, Vol. 14, No. 1, 2014.

29. Ahmed J. Abid, **Ramzy S. Ali**, and Rafah A. Saheb, Vehicle Remote Support and Surveillance System, Iraqi Journal for Electrical and Electronic Engineering, Vol. 10, No. 2, 2014.

30. Zain-Aldeen S. A. Rhman, **Ramzy S. Ali**, and Basil H. Jasim, Wirelessly Controlled Irrigation System, Iraqi Journal for Electrical and Electronic Engineering, Vol. 10, No. 2, 2014.

31. **Ramzy S. Ali**, Ammar A. Aldair, and Ali K. Almousawi, Design an Optimal PID Controller using Artificial Bee Colony and Genetic Algorithm for Autonomous Mobile Robot, International Journal for Computer Applications, Vol.100, No. 16, August, 2014.

32. Husham J. Mohammed, Abdulkareem S. Abdulla, **Ramzy S. Ali**, UWB Optimization of H-Slot Monopole Antenna Using New Optimizer Software Based on Multi-Objective Firefly Algorithm, Information Technology and Systems, September, 1-5, Russia, 2014, pp.344-348.

33. Husham J. Mohammed, Abdulkareem S. Abdulla, **Ramzy S. Ali**, Yasir I.Abdulraheem and Raed A. Abd-Alhamee, Performance Comparison of PSO and GA in Design of UWB Antenna, Journal of Telecommunications, Vol.27, Issue 2, October, 2014, pp.22-27.

34. Abdulkreem S. Abdullah, **Ramzy S. Ali**, and Musa H. Wali, Design and Analysis of compact H-like Element microstrip antenna for X-band applications, British Journal of Applied Science & Technology, vol.4, Issue 34, 2014, pp. 4807-4815.

35. Abdulkreem S. Abdullah, **Ramzy S. Ali**, and Musa H. Wali, Design Broadband Reflecarray using E-

Shaped Slot Circular Microstrip Antenna, Diyala Journal of Engineering Sciences, 2015, pp. 462-470.

36. **Ramzy S. Ali**, Ammar A. Aldair, and Ali K. Almousawi, Implementation and Design of Fuzzy Supervisory Controller for Mobile Robot Manipulator, BJES, 2015.

37. Jawad R., **Ramzy S. Ali**, Raed A. Abd-Alhameed, Hassan Migdadi, Embarak, Ibrahim, Development of educational fuzzy control laboratory using PLC and HMI, ITA Conf., 2015, UK.

38. Husham J. Mohammed, Abdulkareem S. Abdullah, **Ramzy S. Ali**, Raed A. Abd-Alhameed, Yasir I. Abdulraheem, James M. Noras, Design of a Uniplanar printed triple band-rejected ultra-wideband antenna using PSO and firefly algorithm, IET Microwaves, Antennas & Propagation, vol. 10, no.1, 2016, pp. 31-37.

39. Fadhil Rahma Tahir, **Ramzy S. Ali**, Viet-Thanh Pham, Arturo Buscarino, Mattia Frasca and Luigi Fortuna, A Novel 4D autonomous 2n-butterfly wing chaotic attractor, Nonlinear Dynamics, Springer, vol.84, no. 4, June 2016.