



المعلومات الشخصية

	عبدالله جبير حلبوس الغزي Dr. Abdullah J. Halboos Al-Ghiz	الاسم الثلاثي
	abdullh969@yahoo.com abdullahalgizi@gmail.com abdullah.algizi@stu.edu.iq	البريد الالكتروني
	الدكتوراه هندسة كهربائية انظمة ذكية Ph.D. Electrical Engineering \Intelligent System (Fuzzy Control System)	الشهادة
	Lecturer مدرس	اللقب العلمي
Electrical Engineering هندسة كهربائية		الاختصاص العام
Intelligent System (Fuzzy Control System) انظم الذكية		الاختصاص الدقيق
Fuzzy Control ,Renewably Energy ,Smart System , Intelligent System		الاهتمامات البحثية

الشهادات والالقب العلمية

البلد	الجامعة	عنوان الرسالة / الاطروحة	تاريخها	الشهادة
Malaysia	Universiti Teknologi Malaysia	Transnet Voltage Stability Enhancement Using Genetic Neural Proportional Integral Derivative Fine-Tuned By Fuzzy Controller	18/2/2015	الدكتوراه
Iraq	University Of Technology Baghdad	Reliability and Safety Indices Evaluation for Nassiriyah Thermal Power Station	30/6/2003	الماجستير

الدورات التدريبية

اسم الدورة	مكان الدورة	مدة الدورة	تاريخ الدورة
ورشة عمل نظام عن المقررات	الجامعة التقنية الجنوبية	يوم واحد	2018
ورشة عمل نظام عن المقررات	الكلية التقنية ذي قار	يوم واحد	2018
ورشة عمل نظام عن المقررات	الكلية التقنية ذي قار قسم هندسة النظم الكهروميكانيكية	يوم واحد	2018
ورشة عمل نظام عن المقررات	الجامعة التقنية الوسطى	يوم واحد	2019

المناصب الادارية

الوظيفة (تبدأ من الوظيفة الحالية)	من الفترة	الى الفترة
مقرر قسم الكهرباء المعهد التقني الشرطة	1998	2000
مدير مركز الحاسبة	2003	2008
رئيس قسم الكهرباء	2008	2010
مقرر قسم هندسة النظم الكهروميكانيكية	2018	لحد الان



النشاط البحثي	
مكان وتاريخ النشر	اسم النشاط
Elsevier International Review of Automatic Control (I.RE.A.CO.) September 2013	Abdullah J. H. Al Gizi, M.W.M., Review of Intelligent Control System. International Review of Automatic Control (I.RE.A.CO.) ISSN 1974 -6059, September 2013. 6(5). (Scopus)
Elsevier Applied Soft Computing 2014	Al Gizi, A.J.H., M.W. Mustafa, and H.H. Jebur, A novel design of high-sensitive fuzzy PID controller. 24(0): p. 794-805.
Elsevier Applied Soft Computing 2015	Al Gizi, A. J. H., Mustafa, M. W., Algeelani, N. A. and Alsaedi, M. A. Sugeno Fuzzy PID Tuning, by Genetic-Neutral for AVR in Electrical Power Generation. Applied Soft Computing. 2015.
Elsevier Life Science Journal 2013	Mustafa, M.W and A.J. Al Gizi, Hybrid Neural-Genetic and fuzzy logic approach for real-time tuning of PID Controller to improve the System frequency response of AVR System. Life Science Journal, 2013. 10(4).
Elsevier Electrical Power and Energy 2015	Al Gizi, A.J and M.W Mustafa, Integrated PLC-Fuzzy PID Simulink implemented AVR system. International Journal of Electrical Power and Energy.2015.
International Journal of Scientific and Research	Abdullah Jubair Halboos Al Gizi, M.W.M., N.Zareen, Improve Fuzzy-PSO PID Controller by Adjusting Transfer Function Parameters. International Journal of Scientific and Research Publications(IJSRP) 2012. 8(11): p. ISSN 2229-5518.
International Journal of Scientific and Research Publications	Abdullah Jubair Halboos Al Gizi, M.W.M., N.Zareen, Improve Fuzzy-PSO PID Controller by Adjusting Transfer Function Parameters. International Journal of Scientific and Research Publications(IJSRP) 2012. 8(11): p. ISSN 2229-5518.

International Journal of Scientific and Research 2012	M.W. Mustafa, A.J.H.A.G., Adaptive PID Controller Based on Real Base Function Network Identification and Genetic Algorithm in Automatic Voltage Regulator System. International Journal of Scientific and Research (IJSR) November 2012. 5(8): p. ISSN 2229-5518.
IEEE Explorer 2018 IEEE 7th International Conference on Power and Energy (PECon).	Enhancement of Maximum Power Point Tracking of Solar Energy Conversion Using a Newly Designed High-Sensitive Fuzzy PID Controller
Springer Soft Computing 2018	A Particle Swarm Optimization, Fuzzy PID Controller with Generator Automatic voltage regulator
Journal of Public Health Research & Development 2019	Novel Design the: - Real-time Assistance of Smart stick for the Blind
النشاطات (المشاركات في المؤتمرات والندوات وغيرها)	
مكانه وزمانه	اسم النشاط
Kuala Lumper Malaysia 2014	Al Gizi, A.J and M.W Mustafa, Fuzzy - PLC PID Simulink implemented AVR system to enhance the transient response of synchronous generator. International conference on robotics control and manufacturing technology(ROCOM14). Kuala Lumper Malaysia April 23-25, 2014 (Scopus)
Kuala Lumper Malaysia 2014	Al Gizi, A.J. M.W Mustafa and N. Zareen, Radial-base-function, Genetic-Algorithm and fuzzy logic approach for real-time tuning of PID Controller in AVR System. International conference on robotics control and manufacturing technology(ROCOM14). Kuala Lumper Malaysia April 23-25,2014 (Scopus)

IEEE Explorer 2018 IEEE 7th International Conference on Power and Energy (PECon). Kuala Lumpur Malaysia	Enhancement of Maximum Power Point Tracking of Solar Energy Conversion Using a Newly Designed High-Sensitive Fuzzy PID Controller
2nd Asia International Multidisciplinary Conference AIMC 2018." Kuala Lumpur Malaysia	Novel Design the: - Real-time Assistance of Smart stick for the Blind
ورشة عمل نظام عن المقررات 2018	ورشة عمل نظام عن المقررات
ورشة عمل نظام عن المقررات 2019	ورشة عمل نظام عن المقررات
ورشة عمل نظام عن المقررات 2018	ورشة عمل نظام عن المقررات
الجامعة التقنية الجنوبية 2019	عضو للجنة الخبراء في نظام المقررات

الجوائز وكتب الشكر والشهادات التقديرية للسنة الدراسية

العنوان	التاريخ	الجهة المانحة	سبب المنح
شهادته تقديرية وشكر	2016	موسسة السفير	تقيم بحوث
شهادته تقديرية وشكر	2017	نقابة المهندسين فرع ذي قار	مشاريع الطلبة قسم هندسة الطب الحياتي جامعة ذي قار
شهادته تقديرية وشكر	2018-2017	الجامعة التقنية الجنوبية H اندكس	الحصول على اعلا h index
تثمين جهود	2019-2018	الجامعة التقنية الجنوبية	اداء العمل الموكل له
شهادته تقديرية	2019-2018	الكلية التقنية ذي قار	بحوث الطلبة

الخبرات التدريسية

اسم المادة التي درستها	المرحلة الدراسية
مكائن كهربائية/رياضيات/انظمة الوقاية للشبكات القدرة/ الكترونيات قدره	المعهد التقني الشطره قسم الكهرباء
حاسبات	المعهد التقني الشطره قسم الري/السيارات
الالكترونيات قدره/دوائر الكهربائية/معالجات دقيقة/تحليل الاشارة الحيوية	كلية الهندسة جامعة ذي قار /هندسة الكهربائية والكترونية /الطب الحياتي
الفيزياء الالكترونية /اللكترونيك	الكلية التقنية ذي قار قسم هندسة النظم الكهروميكانيكية

الإشراف على الدراسات العليا

عنوان الاطروحة	الكلية / القسم	الجامعة	الطالب
Fuzzy Controller Design by Differential Evaluation with NN to Improve the MPPT and AVR Solar System	الهندسة	ALTINBAS university	صلاح مهدي تجيل دكتوراه



Ministry of Higher Education
& Scientific Research
Southern Technical University

وزارة التعليم العالي والبحث العلمي

الجامعة التقنية الجنوبية

السيرة الذاتية للمدرسي الجامعة التقنية الجنوبية

Name : Dr. ABDULLAH J. HALBOOS AL-GHIZ

College / Institute : Thi-qar technical College

Department : Electromechanical system Engineering

Position :

Degree : Lecturer

Other Affiliations :

E-mail : abdullh969@yahoo.com.
[,abdullahalgizi@gmail.com](mailto:abdullahalgizi@gmail.com)
[,abdullahalgizi@stu.edu.iq](mailto:abdullahalgizi@stu.edu.iq)

Specialization: Intelligent System (Fuzzy Control System)



Education

**B.Sc. from Electrical and Electronical Engineering University Of Technology Baghdad
1\7\1995**

**M.Sc. from Electrical and electronical Engineering University Of Technology Baghdad
30\6\2003**

Ph.D. from focally of electrical engineering Universiti Teknologi Malaysia(UTM) 18\2\2015

Teaching Activities

7Electrical Eng. And Biomedical Eng. Thi-qar university (Lecturer)2015-201

Electrical machine Technical Institute of Shatrah 2005-2010

Power electronic Technical Institute of Shatrah 2015-2017

**Power Electronic/Fundamental Of Electrical Circuits / Macroprosser And Microcontroller
Thi-qar university2015-2016 ,2016-2018**

Membership of Scientific Communities

Elsevier Applied Soft Computing, Reviewer of papers

IEEE , Reviewer of papers

Scholarly and professional Academic Activities and Service

<p>Freelance Electrical Engineer and Site Supervisor in Iraq</p> <p>Planning, designing and overseeing of the installation of electrical components and operating ,maintaining all equipment in system with responsibility.Making related design recommendations and preparation of documentation for assigned projects Providing technical leadership to a group of temporarily assigned engineers and technicians . Installing different generators size and type (2MW,1.25MW, 500KVA, 350KVA ,250KVA) Perkins, communes ,caterpillar, load calculation ,phase balancing ,transformers, cable size ,wiring , HVAC system ,motor and pumps. Doing the technical meeting to our employers and contract staff .Designing electrical maps to new electrical board and connecting, the main transformer with generator and electrical Room.</p>
<p>Senior Electrical Engineer Ministry of Higher and Scientific Research (1998) . Electrcal& Lecturer & technical Engineering in Technical Institute of Shatrah as trainer and lecturer trainer, offering theoretical and practical lectures to the students in the technical institution Shatrah. Training the students in the laboratories and the facilities of the institution; Having tours with the students to the power stations and the electrical materials industry</p>

Participation in Scientific Conferences and Symposia

Title	Organizer	Type of Participation
Enhancement of Maximum Power Point Tracking of Solar Energy Conversion Using a Newly Designed High-Sensitive Fuzzy PID Controller	2018 IEEE 7th International Conference on Power and Energy (PECon). Kuala Lumpur Malaysia	Presenter
Novel Design the: - Real-time Assistance of Smart stick for the Blind	2nd Asia International Multidisciplinary Conference AIMC 2018." Kuala Lumpur Malaysia	Presenter
Workshop on the course system	Southern Technical University	Attendees participate
Workshop on the course system	Thi-qar technical College	Presenter
Workshop on the course system	Thi-qar technical College Electromechanical system Engineering	Presenter



Graduate Supervision

Salah Mahdi Thajeel

. Ph.D student university of ALTINBAS university Turkish

Publications

Abdullah J. H. Al Gizi, M.W.M., Review of Intelligent Control System. International Review of Automatic Control (I.R.E.A.CO.) ISSN 1974 -6059, September 2013. 6(5). (Scopus)

Al Gizi, A.J.H., M.W. Mustafa, and H.H. Jebur, A novel design of high-sensitive fuzzy PID controller. 24(0): p. 794-805.

Al Gizi, A. J. H., Mustafa, M. W., Al-geelani, N. A. and Alsaedi, M. A. Sugeno Fuzzy PID Tuning, by Genetic-Neutral for AVR in Electrical Power Generation. Applied Soft Computing. 2015.

Mustafa, M.W and A.J. Al Gizi, Hybrid Neural-Genetic and fuzzy logic approach for real-time tuning of PID Controller to improve the System frequency response of AVR System. Life Science Journal, 2013. 10(4).

Al Gizi, A.J and M.W Mustafa, Integrated PLC-Fuzzy PID Simulink implemented AVR system. International Journal of Electrical Power and Energy.2015.

Abdullah Jubair Halboos Al Gizi, M.W.M., N.Zareen, Improve Fuzzy-PSO PID Controller by Adjusting Transfer Function Parameters. International Journal of Scientific and Research Publications(IJSRP) 2012. 8(11): p. ISSN 2229-5518.

Abdullah Jubair Halboos Al Gizi, M.W.M., N.Zareen, Improve Fuzzy-PSO PID Controller by Adjusting Transfer Function Parameters. International Journal of Scientific and Research Publications(IJSRP) 2012. 8(11): p. ISSN 2229-5518.

M.W. Mustafa, A.J.H.A.G., Adaptive PID Controller Based on Real Base Function Network Identification and Genetic Algorithm in Automatic Voltage Regulator System. International Journal of Scientific and Research (IJSR) November 2012. 5(8): p. ISSN 2229-5518.

Abdullah al gizi .,Enhancement of Maximum Power Point Tracking of Solar Energy Conversion Using a Newly Designed High-Sensitive Fuzzy PID Controller, 2018 IEEE 7th International Conference on Power and Energy (PECon).
Abdullah al gizi .,A Particle Swarm Optimization, Fuzzy PID Controller with Generator Automatic voltage regulator, Springer Soft Computing 2018
Abdullah algizi ,elate., Novel Design the: - Real-time Assistance of Smart stick for the Blind , Journal of Public Health Research & Development 2019
Al Gizi, A.J and M.W Mustafa, Fuzzy -PLC PID Simulink implemented AVR system to enhance the transient response of synchronous generator. International conference on robotics control and manufacturing technology(ROCOM14). Kuala Lumper Malaysia April 23-25, 2014 (Scopus)
Al Gizi, A.J. M.W Mustafa and N. Zareen, Radial-base-function, Genetic-Algorithm and fuzzy logic approach for real-time tuning of PID Controller in AVR System. International conference on robotics control and manufacturing technology(ROCOM14). Kuala Lumper Malaysia April 23-25,2014 (Scopus)

Honors and Awards		
Title	Date	Details
A certificate of appreciation and thanks	2016	Elsevier
A certificate of appreciation and thanks	2017	Syndicate of Engineers Dhi Qar Branch
A certificate of appreciation and thanks	2018-2017	Southern Technical University higher h index
Valuation efforts	2019-2018	Southern Technical University
A certificate of appreciation	2019-2018	Dhi Qar Technical College



Ministry of Higher Education
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Southern Technical University

وزارة التعليم العالي والبحث العلمي
الجامعة التقنية الجنوبية

السيرة الذاتية للدراسي الجامعة التقنية الجنوبية

Google Scholar

https://scholar.google.com/citations?view_op=list_works&hl=en&user=5SbUVucAAAAJ

(Publons) <https://publons.com/researcher/1663276/dr-abdullah-al-gizi/>

(ORCID) <https://orcid.org/0000-0002-1846-014X>

(Scoops) <https://www.scopus.com/authid/detail.uri?authorId=55891238300>

(Research Gat)

https://www.researchgate.net/profile/Abdullah_Gizi?ev=hdr_xprf&_sg=qycuibW_loaWJ8YEtmGlzZ_kPUPIKIE25nrxB0CueNqqsZLZBBq4oFrQjRuulpvY-9DE7Bd3plQPxaUaAUAuQ1