



Curriculum Vitae of a Faculty Member

1. Personal Information

Name	SHAMIL HAMZAH HUSSEIN AL-NAJJAR
Academic Degree	Master
Job Title	Lecturer
General Major	Electrical Engineering/Electronics & Comm.
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2. Qualifications

Degree	Date of Graduation	Name of university	Country	Major
Doctorate	-----	----	-----	----
Master	2012	Mosul	Iraq	Electrical Engineering/Electronic
Bachelor	2005-2006	Mosul	Iraq	Electrical Engineering/Electronics & Comm.

3. Experiences

Employment	Job Title	Period
	Lecturer	From 2012 - to Now

4. Researches & Scientific activities

1	" Hardware Realization Of Artificial Neural Networks Using Analogue Devices ", Al Rafidain engineering journal of engineering college at university of Mosul, accepted in March 2012, and published in Vol. 21, No. 1, pp: 77-90, February 2013.
2	" Neural Network Realization And Implementation Using Analogue Electronic Devices ", accepted in the second scientific engineering conference of engineering college (CCIT2012) at university of Anbar in Ramadi, 27-28 March 2012, and published in Anbar journal for engineering sciences (AJES) at university of Anbar, ISSN:1997-9428, Vol. 6, No. 2, pp: 213-227, 2013.
3	" Realization and Implementation of Digital Neural Network to Speed Control of DC Motor in Real Time Control ", accepted in the second scientific engineering conference of engineering college (CCIT2012) at university of Anbar in Ramadi, 27-28 March 2012, and published in Anbar journal for engineering sciences(AJES)at Anbar university, ISSN:1997-9428, Vol. 6, No. 2, pp: 275-296, 2013.
4	" ANN-Based Speed Control Of DC Motor Using FPAA ", Published in the second scientific engineering conference of engineering college at university of Mosul, Mosul, Iraq, pp : 71-83, 19TH – 21ST November 2013.
5	" Performance Enhancement Of DC Speed Control By Using Model Reference Adaptive ANN Control ", Published in the second scientific engineering conference of engineering college at university of Mosul, Mosul, Iraq, pp :122-133, 19TH – 21ST November 2013.
6	" Design Of A Three-Way Doherty Power Amplifier For Base-Station Applications ", International Journal of Engineering and Innovative Technology (IJEIT), Indian, accepted in July 2015, and published in Volume 4, Issue 12, June 2015.
7	" A 90-nm CMOS Quadrature Power Amplifier With High Efficiency Designed For Wireless Application ", Al Rafidain Engineering Journal of engineering college at university of Mosul, accepted in November 2015, and published in Volume 23, Issue 5, December 2015.
8	" Optimum Design Of Charge Pump Circuits Using Genetic Algorithm ", International Journal of Engineering and Innovative Technology (IJEIT), Indian, accepted in October 2015, and published in Volume 5, Issue 5, November 2015.
9	" Design And Simulation Of A High Performance CMOS Voltage Doublers Using Charge Reuse Technique ", International Journal of Engineering Science and Technology (JESTEC), Scopus journal List. University of Taylor, Malaysia. Accepted in September 2017, and published in Volume 12, Issue 12, December 2017.
10	" Microwave Radiometer for Temperature Sensing of Food ", Journal of Advanced Research in Dynamical and Control Systems (JARDCS), ISSN: 1943-023X, Scopus journal List, 2018.

11	“ <i>High Efficiency Class F Power Amplifier Design for GSM System</i> ”, International Journal of Computer Applications(IJCA), ISSN: 0975 – 8887, Volume 178 – No. 37, August 2019.
12	“ <i>Optimum Design of Integrated Switched Capacitor Circuits Using 0.5-μm CMOS Technology</i> ”, Journal of Southwest JIAOTONG University (JSJU.Org), ISSN -0258-2724, Vol. 54 No. 4, Aug. 2019.

5. Scientific Conferences

	Conference Name	Date
1	Second Scientific Engineering Conference Of Engineering College (CCIT2012). University of Anbar in Ramadi.	27-28 March 2012
2	Second Scientific Engineering Conference Of Engineering College, University Of Mosul, Mosul.	19 TH – 21 ST November 2013.

6. Training courses for faculty members.

	Training program name	Date
1	دورة طرائق التدريس	January / 2018
2	دورة سلامة اللغة العربية	July / 2018
3	Advanced Design System (ADS) Simulation Program For Electronic And High-Frequency Circuits	October / 2018
4	Realization Of RF Electronic Circuits Using Advanced Design System (ADS) Package	November / 2018
5	Fuzzy Controller (FC), Fuzzy Logic And Fuzzy Control Design Using MATLAB Simulator	December / 2018
6	ورشة عمل حول المكتبة الافتراضية في قسم الهندسة الكهربائية	2018
7	ورشة عمل حول ادخال بيانات الطلبة على موقع الوزارة / لجنة دائمية / تسجيل عمادة كلية الهندسة	2019
8	ورشة عمل حول توظيف التقنيات المعاصرة لاهياء مدينة الموصل القديمة / قسم الهندسة المعمارية	December / 2018
9	ورشة عمل حول تطبيقات البرمجيات الحاسوب وهندسة العمارة / قسم الهندسة المعمارية	November / 2018
10	Research For Life ورشة عمل حول التعرف على	November / 2018
11	Research Gate ورشة عمل حول التعرف على	2019

- **Theses which he discussed**

	Researcher name	Thesis title	date
1	B.Sc. / Project	Digital Multimeter Design Using PIC16F877A Microcontroller	2013-2014
2	B.Sc. / Project	Speed Control of DC Servo Motor By Using PIC16F877A Microcontroller	2013-2014
3	B.Sc. / Project	Interfacing of Ultrasonic, PIR, and Temperature Sensors With Arduino UNO Microcontroller	2017-2018
4	B.Sc. / Project	Design of Class AB Power Amplifier For RF Application	2018-2019
5	B.Sc. / Project	Design of Digital Filters Based on FPGA	2019-2020