



Name	ABDELELAH KIDHER MAHMOOD
Academic Degree	Assistant Professor
Job Title	Control Engineering
General Major	Electrical Engineering University Of Mosul
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## Curriculum Vitae of a faculty member

### 1. Personal information

### 2. Qualifications

Degree	Date of Graduation	Name of university	Country	Major
Doctorate	1992	Saint Petersburg of Electro technical (LETI)	Russia	Control system
Master	1982	Mosul	Iraq	Electronic&Comm
Bachelor	1978	Mosul	Iraq	Electronic&Comm

## 3. Experiences

Employment	Job Title	Period
		From - to

## 4 Researches & Scientific activities

1	Voltage stability improvements using adaptive controller for STATCOM . Journal of Engineering and Sustainable Development Vol. 21, No. 02, March 2017
2	Real Time Speed Control of DC Motor by Programming the Fuzzy Controller in C Language. Tikrit Journal of Engineering Sciences 23 (3) (2016) 91-95
3	Time delay compensation for wireless networked control systems based on modified smith predictor. Australian Journal of Basic and Applied Sciences, 11(4) March 2017, Pag: 14-23
4	Realization of fractional order pid controller using fractance circuit.JEA. Vol 2, No 1.Pag:22-27. (2018
5	Performance Improvement of the Robotic Arm using Fractional Order PID. J.of. engineering and technology. Vol. 34, No. 13, Issue A. 2016
6	Design of fractional order PID controller based particle swarm. Diyala Journal of Engineering Sciences. Vol. 07, No. 04, pp. 24- 39, December 2014
7	Realization of fractional order differentiator by analogue electronic circuit. IJAET. Vol. 8, Issue 1, pp. 1939-1951, Feb., 2015
8	Adaptive Disturbance Elimination Control Of

	ESTATCOM for Unbalance Voltage Mitigation. 12 th international conference DeSE 7-10 Oct 2019, Kazan,Russia.
9	Design of Fractional Order PID Controller Based on Hybrid Bacterial For aging - Particle Swarm Optimization. International Journal of Advances in Engineering & Technology (IJAET), Vol. 8, Issue 1, pp. 1939-1951, Feb., 2015.
10	REALIZATION OF FRACTIONAL ORDER DIFFERENTIATOR BY ANALOGUE ELECTRONIC CIRCUIT. International Journal of Advances in Engineering & Technology (IJAET), Vol. 8, Issue 1, pp. 1939-1951, Feb., 2015
11	Design of Fractional Order PID Controller Based on Hybrid Bacterial For aging - Particle Swarm Optimization . International Journal of Engineering and Innovative Technology (IJEIT) ,Volume 5, Issue 11, May 2016
12	Hardware Realization Of Artificial Neural Networks Using Analogue Devices. AL Rafdain Engineering Journal مجلة هندسة الرافدين ,Univ of Mosul 19-1/11/2013
13	Neural Network Realization And Implementation Using Analogue Electronic Devices.Al-Anbar J of engine science 2013.

## Books

### 5. Scientific Conferences

	<b>Conference Name</b>	<b>Date</b>
<b>1</b>	International conference on computer related knowledge July 5-7 2012 (ICCRK 2012) Sousse Tunisia	2012
<b>2</b>	2 <sup>nd</sup> conference of electrical engineering Univ of Mosul	2013
<b>3</b>	Al Kitab conference 2017	2017
<b>4</b>	First Engineering Education Conference 17-19 April 2012,Duhok	2012
<b>5</b>	The Tenth Jordanian International Electrical & Electronics Engineering Conference . (JIEEEEC), May 16-17, 2017.	2017
<b>6</b>	12 th international conference DeSE 7-10 Oct 2019, Kazan,Russia.	2019

### 6. Training courses for faculty members .

	<b>Training program name</b>	<b>Date</b>
<b>1</b>	<b>Teaching training</b>	<b>1993</b>
<b>2</b>	<b>Continues training courses</b>	<b>2019</b>
<b>3</b>		
<b>4</b>		
<b>5</b>		

## Master's and Doctoral theses which he supervised

	Researcher name	Thesis title	Reg. date
1	Aasef Abdueleh Salih,Al-hyali	Performance improvement of single phase Thyristor convertor Based on Controlled current injection	2018
2	Ayad A. AL-Gailany	Voltage Stability Improvements using Adaptive Controller for STATCOM	2017
3	Huthaifa Salman Khairy	Time delay compensation for Wireless Networked control systems based on Modified smith predictor	2016
4	Rami Younus Fadhil	Performance Improvement of the robotic arm using fractional order PID	2016
5	Serri Abdul Razzaq Saleh	REALIZATION OF FRACTIONAL ORDER PID CONTROLLER BY ANALOGUE ELECTRONIC CIRCUITS FOR CONTROL ON SERVO MOTOR	2015
6	Omar Ali Hussien	Implementation of Fuzzy Logic using Micro Controller for Power System Stabilizer	2011

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## Theses which he discussed

	<b>Researcher name</b>	<b>Thesis title</b>	<b>date</b>
<b>1</b>	<b>Yosif Mohmed Yonis</b>	<b>The security system of the electrical power system</b>	<b>23-5-2019</b>
<b>2</b>	<b>Maan A Jirjees</b>	<b>Voltage Stability Enhancement Based on Voltage Stability Indices Using FACTS Devices</b>	<b>26-10-2019</b>
<b>3</b>	<b>Ausamma Basher Nory</b>	<b>Extended and compressed Kalman Filter based Speed Control of Snserless Induction Motor</b>	<b>26-9-2019</b>
<b>4</b>	<b>Yasin Faris Yasin</b>	<b>Reducing harmonics in distribution systems by phase displacement</b>	<b>16-8-2018</b>