



Curriculum Vitae of a faculty member

1. Personal information

Name	Dr. Mohammed Ali Abdullah Mohammed Al-Rawe
Academic Degree	Assistant Professor
Job Title	Lecturer
General Major	Electrical Engineering / Power And Machine
Mobil No.	009647701638360
Email address	mauom@uomosul.edu.iq ,ismaelmosa83@yahoo.com
Website	http://engineering.uomosul.edu.iq https://www.researchgate.net/profile/Mohammed

2. Qualifications

Degree	Date of Graduation	Name of university	Country	Major
Doctorate	2002	University of Mosul	IRAQ	Stability of Electrical power system
Master	1984	University of Mosul	IRAQ	Power and Machines / Renewable energy Engineering
Post Graduate Diploma	1982	University of Mosul	IRAQ	Electrical Power and Machines Engineering
Bachelor	1980	University of Mosul	IRAQ	Electrical Power and Machines Engineering

3. Experiences

Employment	Job Title	Period
Electrical Engineering Department.	Lecturer In Salahuldin University	From 1986 – to1992
Electrical Engineering Department.	Lecturer In Salahuldin University	From 1993 –until now

4. Researches & Scientific activities

1	Photovoltaic driven 3-phase self-excited induction generator Journal of Scientific Tikrit University / Vol.6 No.5 July 1998
2	Analysis and design of photovoltaic Electric power system for Iraqi village in Aljazeera region 6 Th scientific conference of technical institutes foundation 23-24 April 1998/Baghdad
3	Optimum Pulse width modulation switching technique for microprocessor controlled inverter drive Journal of Al-Rafideen Engineering / Vol.3/ No.1-3
4	Basic design parameters for Pulse width modulation inverter for adjustable speed motor drive Journal of Scientific Tikrit University / Vol.5 No.3 September 1998
5	Voltage instability of series compensated EHV transmission lines Journal of Scientific Tikrit University / Vol.8 No.3 September 2001
6	Effect of series capacitors on transient stability 1 st Electrical Engineering conference / 26-28 June 2007/Aleppo/Syria
7	Power flow control using phase shift transformer 1 st International conference for Engineering sciences / 2-4 October 2008/Aleppo/Syria
8	Optimal series compensation using Genetic Algorithm 5 th Libyan Arab International conference on Electrical & Electronics Engineering / 23-26 October 2010/Tripoli /Libya
9	The Influence of Optimum Generation on Transient Stability International conference of Al-Qassim University/ Dec. 2011/Al-Qassim /Saudi Arabia Kingdom
10	A Hybrid Method for Contingency Analysis of power Systems Journal of Scientific Tikrit University / Vol.3 No.5 Sept. 2008
11	Design and Implementation of digital differential protection relay

	for 3-phase tertiary transformer protection using Math Lab Journal of Scientific Tikrit University / Vol.6 No.4 / 2007
12	Utilization of Solar Energy to Reduce Residential load 3rd International conference on Nuclear & Renewable Energy Resources / 20-23 May 2012/Istanbul/Turkey
13	Enhancement of Differential Protection Performance Using Wavelet Transform International Journal of Engineering & Innovate Technology (IJEIT) / vol.7 Issue 4 , Oct. 2017
14	The Effect of Adding Series Capacitor and Phase Shifting Transformer On Power System Performance Tikrit Journal of Engineering Sciences/Vol.23/No.4 , 2016 , PP 81- 92
15	PID Based Real time Speed Control of DC motor using LABVIEW Environment 2020 7Th International conference on Electrical &Electronics Engineering (ICEEE 2020) April /14-16,2020 /Antalya, Turkey
16	Adaptive Disturbance Elimination Control Of ESTATCOM for Unbalance Voltage Mitigation 2019 Developments in eSystems Engineering (DeSE)/ Russia , Kazan

Books

5. Scientific Conferences

	Conference Name	Date
1	6Th Scientific conference of technical institutes foundation /Baghdad	23-24 April 1998
2	1st Electrical Engineering conference Aleppo/Syria	26-28 June 2007
3	1st International conference for Engineering sciences /Aleppo/Syria	2-4 October 2008
4	5th Libyan Arab International conference on Electrical &Electronics Engineering / Tripoli /Libya	23-26 October 2010
5	3rd Annual scientific conference of Engineering College / Mosul , Iraq	2011
6	International conference of Al-Qassim University// /Al- Qassim ,Saudi Arabia	December 2011

	Kingdom	
7	3 rd International conference on Nuclear & Renewable Energy Resources / Istanbul/Turkey	20-23 May 2012
8	2020 7 Th International conference on Electrical & Electronics Engineering (ICEEE 2020) /Antalya, Turkey	14-16 April 2020
9	2019 12 Th International conference on Developments in eSystems Engineering (DeSE) Kazan , Russia	7-10 October 2019

6. Training courses for faculty members .

	Training program name	Date
1	Teaching staff training - University of Guelph - Canada تدريب الكوادر التدريسية- جامعة جويلف - كندا	2013
2	University teaching methods - University of Mosul - College of Arts طرائق التدريس الجامعي - جامعة الموصل - كلية الآداب	1996
3	University teaching methods training - University of Salah-Eldin / Erbil - College of Arts طرائق التدريس الجامعي- جامعة صلاح الدين / اربيل - كلية الآداب	1987
4	Computer software training - Computer Center - University of Mosul برمجيات الحاسوب - مركز الحاسبة- جامعة الموصل	2008
5	Development course in the English language - University of Mosul - College of Arts دورة تطويرية في اللغة الأنكليزية - جامعة الموصل - كلية الآداب	1996

- Master's and Doctoral theses which he supervised

	Researcher name	Thesis title	Reg. date
1	A'alya Hamid Ali	Contingency Analysis Technics Using Neural Network (ANN) / M.Sc.	2007

2	Parween Raheem Kareem	Enhancement Of Power System Performance By Adding Series Capacitor & Phase Shifting Transformer / M.Sc.	2009
3	Mustafa Khalid Mahmoud	Modeling & simulation of wind energy plant / M.Sc.	2013
4	Hussein Fat'hy Hammady	Performance Enhancement of power Transformer differential relay using wavelet Transformer / M.Sc	2013
5	Saleh Mahdi Saleh	Comparative study between conventional and static compensator in electrical power systems	2017
6	Fawaz Jasim Mohammed	Optimal Using Of Estatcom For Mitigation Of Unbalanced Voltage / Ph.D.	2018
7	Mohammed Tariq Majeed	Renewable Energy System Integrated Power System Based On Intelligent Multi-Levels Convertor / Ph.D.	2018
8	Maria Mohammed Hussein	Load Ability Improvement Of Power Transmission Systems Using FACTs	2019

- Theses which he discussed

	Researcher name	Thesis title	Date
1	Rawa'a Jasim Mohammed	Study effect of electrical stress and the distribution of thermal grid on the terminals high voltage cable / M.Sc.	2013
2	Rasha Abbul-Nafia'	Design and implementation of differential relay best on micro controller for power transformers protection / M.Sc.	2017
3	Laith Akram Mohammed	Improving the performance of permanent magnet synchronous motor drives /Ph.D.	2017
4	Omar Ghaith Ibrahim	Simulation and implementation of switched reluctance motor drives System / M.Sc.	2017
5	Mohammed Nazar Mohammed	Improvement of performance of photovoltaic network connected system protected power electronic switches / M.Sc.	2018

6	Abdulrazaq Ahmad Mahmoud	Transient stability improvement for multi machine power system using modern energy systems /M.Sc.	2018
7	Mahmoud Basil Mahmoud	Smart computerized Green House controller system /M.Sc.	2018
8	Ma'an Hussein Abbas	Improvement of voltage stability margin controlled by power transmission paths /M.Sc.	2018
9	Ahmad Saad Abdul-Aziz	Simulation and implementation of single phase induction motor drive by micro controller /M.Sc.	2018
10	Mohammad Basil Mahmoud	Simulation and application of flexible A.C. current transmission Devices on IEEE standard system /M.Sc.	2018
11	Safa Ma'an Ez-eldin	Solution of power flow for normal & abnormal cases based on genetic algorithm /M.Sc.	2018
12	Sarmad Arkan Abdul-Wahab	Performance enhancement of distance relay with static synchronous compensator	2019
13	SaadAllah Mohammed Mahmoud	Enhance voltage stability of power system using static synchronous compensator	2019
14	Youssef Mohammed Younes	Static Security Of Electric Power System	2019
15	Dawood Najim Salih Hamid	Study Of The Effect Of Electrical Corona On The Performance Of SF6 Gas	2019
16	Mustafa Khalid Mahmoud	Modeling & Simulation Of Wind Energy Plant	2013
17	Wael Hashim	Micro-hydro generation units used in isolated area and for network stability improvement	2011
18	Mahmoud taha Mahmoud	Simultaneous mitigation of disturbance in distribution system using UPQC/ PhD	2018
19	Ma'an A. jirjees	Voltage Stability Enhancement Based On Voltage Stability Induces Using FACTS Devices	2019
20	Waleed Khalid Mahmoud	Mitigation unbalance voltage using STATCOM	2018
21	A'alya Hamid Ali	Contingency Analysis Technics Using Neural Network (ANN) / M.Sc.	2007

22	Parween Raheem Kareem	Enhancement Of Power System Performance By Adding Series Capacitor & Phase Shifting Transformer / M.Sc.	2009
23	Mustafa Khalid Mahmoud	Modeling & simulation of wind energy plant / M.Sc.	2013
24	Hussein Fat'hy Hammady	Performance Enhancement of power Transformer differential relay using wavelet Transformer / M.Sc.	2013
25	Saleh Mahdi Saleh	Comparative study between conventional and static compensator in electrical power systems	2017
26	Fawaz Jasim Mohammed	Optimal Using Of Estatcom For Mitigation Of Unbalanced Voltage / Ph.D.	2018
27	Mohammed Tariq Majeed	Renewable Energy System Integrated Power System Based On Intelligent Multi-Levels Convertor / Ph.D.	2018
28	Maria Mohammed Hussein	Load Ability Improvement Of Power Transmission Systems Using FACTs	2019