



## Curriculum vita      السيرة الذاتية

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ماجستير هندسة القدرة الكهربائية  
بكلوريوس هندسة كهربائية وإلكترونية

<b>Full Name:</b>	HUSHAM IDAN HUSSEIN
<b>Degree:</b>	Senior Lecturer (M.Sc.)
<b>Profession:</b>	Electrical Power Engineer
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<b>Place and Date of Birth:</b>	Iraq – Diyala 1978
<b>Nationality:</b>	Iraqi
<b>Marital status:</b>	Married

### Summary

*Husham hussein received his B.Sc from University of Technology / Iraq in 2002, M.Sc from University of Technology Malaysia in 2012 .). He is currently Assist. lecturer in the Department of Electrical Power Engineering, College of Engineering, University of Diyala Iraq.*

***Professional Strength and Skills:*** *His current research interests are optimization power system, power quality, power electronics, and Renewable Energy. He has good experience in practice of Electrical engineering in different fields such as installation of industrial plants and other electrical design and executing works. He is teaching several basic subjects of the Electrical Engineering, University of Diyala Iraq. He is a member of IAENG.*

### **Academic Qualification:**

**Master Degree in electric power systems- certified by University of Technology/ Malaysia / 2012.**

**Thesis Titled:** [Power system security analysis using grid computing](http://ent.library.utm.my/client/en_AU/main/search/results?qu=Hisham+idan+husein&te=&ps=300)

[http://ent.library.utm.my/client/en\\_AU/main/search/results?qu=Hisham+idan+husein&te=&ps=300](http://ent.library.utm.my/client/en_AU/main/search/results?qu=Hisham+idan+husein&te=&ps=300)

**BSC in Electrical Engineering; certified by *University of Technology /Iraq in 2002.***

### **Research Interest**

**Electrical power Engineering, Power Electronics, Power Quality, Optimization Power Systems. And Renewable Energy**

### **Teaching Experience**

**Electrical Engineering Fundamentals, al maamoon University. 2005 -2006**

**Power electronics , College of Engineering, Diyala University.**

**2012→ to → now**

**Mathematics, College of Engineering, Diyala University.**

**2012→ to → now**

**power Engineering 2014 to now**

### **LIST OF PUBLISHED RESEARCH PAPERS**

[http://scholar.google.com.my/citations?user=XI\\_8N70AAAAJ&hl=en](http://scholar.google.com.my/citations?user=XI_8N70AAAAJ&hl=en)

## 1 Publication in international scientific journals

اسم المجلة	مكان البحث	عنوان البحث
Australian journal of basic and applied sciences (AJBAS) (Impact Factor = 0.425), , Vol(8),Issue(2) ,2014.	خارج	Design A Buck Boost Controller Analysis For Non-Idealization Effects
مجلة ديالى للعلوم الهندسية	داخل	Hybrid Pv/wind/ battery/diesel Generator Energy System For Hyderabad, Pakistan
International Journal Of Engineering Research and General Science IJERGS	خارج	Harmonics Elimination PWM (HEPWM)
Iraqi Journal for Electrical and Electronic Engineering	داخل	On-Line UPS with Low Frequency Transformer for Isolation
International Journal of Engineering and Technology (IJET), e-ISSN : 0975-4024. Vol. 8 No 1 Feb-Mar 2016. <b>SJR Impact 0.18 factor ,Scopus</b>	خارج العراق	Neural Network Controller Based Dstatcom for Voltage Sag Mitigation and Power Quality Issue.
Iraqi Journal for Electrical and Electronic Engineering ISSN 1814-5892 (Print), ISSN 2078-6069 <a href="#">Impact factor IJF=0.991</a> <a href="#">Impact factor IIF=0.991</a> <a href="#">Impact factor GIF=0.538</a>	داخل	State Estimation via Phasor Measurement Units for Iraqi National Super Grid Power System Network.
مجلة ديالى للعلوم الهندسية	داخل	MATHEMATICAL DRIVING MODEL OF THREE PHASE INDUCTION MOTORS IN STATIONARY COORDINATE FRAME
International Journal of Engineering Research & Technology (IJERT)	خارج	Employment Compensation Capacitor to Improve Two Stage CMOS Operational Amplifier Design

### AWARDS AND INTELLECTUAL PROPERTY

- Winner Prize of Diyala University

### PROFESSIONAL ASSOCIATION MEMBERSHIPS

International Association of Engineers. IAENG Member Number: 117100.

## REVIEWER FOR THE INTERNATIONAL JOURNALS:

### 1. Mosharaka for Research and Studies///

<http://mosharaka.net/?Cat=Home&Pag=Home>

Name	Mr. Husham Hussein
Affiliation	University of Diyala, Diyala, Iraq
Topics	Modeling and Simulation of Power Electronic Circuits; Electrical Power Systems
Paper Reviewing	1- Power Systems Engineering (PSE), <i>MIC-Electrical 2014</i> , Athens, Greece, 4-6 April 2014 2- Smart Grid Technologies (SGT), <i>MIC-Electrical 2014</i> , Athens, Greece, 4-6 April 2014
Biography	my name is husham idan hussein my job is assist.lecturer in diyala university, Department of electrical power.

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Researchgate

[https://www.researchgate.net/profile/Husham\\_Idan\\_Hussein](https://www.researchgate.net/profile/Husham_Idan_Hussein)

Academia.edu →

<https://independent.academia.edu/HishamHussein1>