

# CURRICULUM VITAE



<b>Name</b>	:	<b>Mohammed Kourany Saad Khalifa</b>
<b>Job desired</b>	:	<b>Head of Electrical and Renewable Energy Department</b>
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## PERSONAL DATA

<b>Nationality</b>	:	Egypt
<b>Religion</b>	:	Islam
<b>Profession</b>	:	Electrical & Automation System
<b>Date of Birth</b>	:	15-9-1972
<b>Marital Status</b>	:	Married
<b>Languages</b>	:	Arabic, English (fluent in speaking and writing )
<b>Address</b>	:	12 <sup>th</sup> , Mohamed said st., from Al Manshea st. , Talbia, Faysal, Giza .

## EDUCATION QUALIFICATION

1. PHD in Electrical Engineering, Faculty of Engineering of Shoubra, University of Benha, Egypt – Jan 2015.  
Thesis title :- "**A FACTS Stabilization Scheme for Renewable Energy Conversion Systems Using Genetic Algorithm** "
2. M.Sc. in Electrical Engineering and Technology, Faculty of Engineering of Benha, University of Benha, Egypt – October 2004.  
Thesis title :- "**Genetic Algorithm Tuning of SVC controllers For Damping Power System Oscillation in A Multimachine Power System**"
3. B.Sc. in Electrical Engineering and Technology, Faculty of Engineering of Benha, University of Benha, Egypt - June 1996 – Very Good.

## PROFESSIONAL EXPERIENCE

I have practical experience for twenty years,

- ✓ In Egypt for (14) years.
- ✓ In Saudi Arabia for (6) years.

### ***1- from 9/2019 to Now***

Nahda University - Faculty of Engineering - Ben Suif (NUB).

a) **Job title** : **Head of Electrical and Renewable Energy Department**

b) **Job title** : Lecture Electrical & Automation System to teaching for courses:-

No.	Course	No.	Course
1.	Modeling and Simulation of Engineering Systems	6.	Electromagnetic Fields
2.	Automatic Control	7.	Electric Circuits (1)
3.	Electrical Machines & Transformers	8.	Electric Circuits (2)
4.	Electrical power	9.	Computers skills
5.	Principles of Electrical Engineering	10.	Project (1)
11.	Power Electronics	12.	Project (2)

### ***2- from 6/2015 to 9/2019***

Nahda University - Faculty of Engineering - Ben Suif (NUB).

a) **Job title** : Director of Quality Assurance Unit.

b) **Job title** : Lecture Electrical & Automation System.

### ***3- from 10/2012 to 6/2015***

Ophthalmology Research Institute (RIO), Giza - Ministry of Scientific Research

**Job title** : Electrical & Automation Engineering.

### ***4- from 11/2006 to 9/2012***

Engineering & Housing Directorate, Royal Saudi Air Defense Forces, Ministry of Defense & Aviation, KSA

**Job title** : Consultant & Researcher in Electrical & Automation Engineering.

My extensive experience in addition to my professional skill in Electrical Engineering covered , the following fields :

- 1) Planning and Designing of Electrical Construction Project, Preparation of Technical Studies, Specification and Special Condition and Documents.
- 2) Participation in preparation of Engineering & Housing Directorate (EHD) system
- 3) Participation in Preparation of computer programs for all processes of project cycle (Design – Study – Supervision – Operation – Maintenance – safety and Occupational health – Environmental works related).
- 4) Scheduling of Processes, Activities and Administrative Support works. Scheduling critical path,

- operational frequencies, annually & quarterly issuance of work order cards logistics listing.
- 5) Establishment of Electronic Archive System to change all Governmental works from manual operation into the Auto performance of Electronic government.
  - 6) Analysis of all problems in Electrical, Electronic, Control Systems and Carrying Studies & Development Processes Related.
  - 7) Preparation of Procedure Guides for administrative Engineering works, (Periodical, Preventive, Corrective) inspection Procedures for Electromechanical Systems.
  - 8) Preparation of Periodical Reports analyzing all Problems to rectify them and find solutions.
  - 9) Carry out Training Courses to upgrade skills of manpower and train them to use Auto program and Procedures Guides.
  - 10) Classification of Bidders or Contractors, Evaluation of their abilities to carry out works of project.
  - 11) Configuration of Administrated Manual System with Automation System.

**5- from 9/1996 to 10/2006**

**Job title** :- Researcher assistant in Benha Higher Institute of Technology to teaching for courses:-

No.	Course	No.	Course
1.	Microelectronics	6.	Semiconductors
2.	Signal processing electricity & electronic.	7.	Measurements
3.	Technology of electricity engineering.	8.	Electrical power
4.	Computers	9.	Control System
5.	Electrical machine	10.	Application of Engineering

**6- from 9/2004 to 6/2006**

**Job title** :- Researcher assistant in 6 October University, Faculty Engineering, to teaching for courses:-

No.	Course	No.	Course
1.	Microelectronics	5.	Measurements
2.	Signal processing electricity & electronic.	6.	Electrical power
3.	Technology of electricity engineering.	7.	Control System
4.	Electrical machine		

**7- from 9/2005 to 6/2006**

**Job title** :- Researcher assistant in Higher Institute of Engineering in 6 October, to teaching for courses:-

No.	Course	No.	Course
1.	Lab. Microelectronics	2.	Lab. Logic

### **8- from 1/2002 to 10/2006**

Integrated Top Technology Team (I.T.T.T.)

Job title :- Electrical & Automation System Engineer.

### **9- from 1/2000 to 1/2002**

I.C.O. Egypt for C.N.C. Machine.

Job title :- Maintenance engineer.

### **10- from 7/1998 to 1/2000**

Arab contractor Co. for employment and maintenance the escort and serves.

Job title :- Electrical & Controlling engineer.

### **11- from 9/1996 to 7/1998**

National Co. for telephony and electricity.

Job title:- Planning engineer.

## **WORKSHOPS & SEMINARS**

No	Name	Co.	Place	Date
1	Course Specification & Course Program	The National Authority to Ensure the Quality of Education & Accreditation (NAQAA)	Nahda University	19 March 2016
2	Application Card on Energy Efficiency of Household Appliances	Ministry of Water & Electricity	SASO Building, Riyadh, Kingdom of Saudi Arabia	9 May. 2007
3	Safety Requirements & Energy Saving in Luminaries & Lighting Systems	Saudi Lighting Co.		5 Nov. 2007
4	Equipment and Systems that are Used in Special Low & Medium Voltage Applications	Schneider Electric Co.		22 Sep. 2008
5	Panorama for MV & LV Product	ABB Co. Riyadh, Kingdom of Saudi Arabia		7 March. 2010
6	Activating the Role of the Saudi National Electro technical Commission	SASO Building, Riyadh, Kingdom of Saudi Arabia		5 Dec. 2007
7	The importance of Applying the Saudi Specifications Pluges and Models of electrical Appliances			5 – 6 Jan. 2010

## TRAINING COURSES

No	Name	Co.	Place	Date
1	Operation Instructions of Frequency Converter	Hitzinger Co.	EHD, Royal Saudi Ministry of Defense & Aviation, KSA	12 Feb. 2010
2	Diagnose Problems and Make Decisions	Khalid Center for Consultants		16 Feb. 2010
3	Coordination and Follow – Up Skills			19 Feb. 2010
4	Maintenance and Repair of Electric Doors Wrapped Upper and CT	Research & Development Center for EHD		23 Aprl. 2011
5	Automated Systems			10 Feb. 2008

## CONFERENCES

1. Medwell Journals, 2014 – International Journal of Electrical and Power Engineering 8 (1): 19 – 25, 2014- ISSN: 1990-7958.  
Paper title :- " **Hybrid Wind – Diesel Power Systems Stabilization Using STATCOM and Genetic Algorithm Optimization Technique** "
2. ICEENG' 2008 , May 27-29,2008, 6<sup>th</sup> International Conference on Electrical Engineering, Military Technical College, Kobry El-Kobbah, Cairo, Egypt.  
Paper title :- "**Coordinated Design of Power System Stabilizers and Static VAR Compensators in a Multimachine Power System using Genetic Algorithm**"
3. MEPCON'2005, December 16-18, 2005, ElKana University, Port said, Egypt.  
Paper title :- " **Genetic Algorithm Aided Design of Static VAR Compensator (SVC) in a Multimachine Power System** "
4. MEPCON'2003, December 16-18,2003, Minoufiya University, Shebin EL-Kom, Egypt.  
Paper title :- " **Genetic Algorithm Aided Design of Power System Stabilizers in a Multimachine Power System**"

## APPRECIATION LETTER & CERTIFICATES

1. Electrical Engineer: Extinguish Performance & Developing of EHD works –26/7/2007.
2. Research of Electrical Engineering: Extinguish Performance & Developing of EHD works – 11/12/2007.
3. Ideal Employee (Engineer): Extinguish Performance & Developing of EHD works – 9/4/2008.
4. Research of Electrical Engineering: Extinguish Performance & Developing of EHD works – 1/2/2008.
5. Research Supervisor: Extinguish Performance & Developing of EHD works –5/7/2011.