Curriculum Vitæ

▪ Personal Information

Name:	Sherif Mahmoud Imam
Nationality:	Egyptian
Date of Birth:	13/10/1977
Marital Status:	Married.
Military Status:	Exempted.
Current Position:	• **Assistant Professor** Electrical Power and Machines Department, Faculty of engineering, Kafrelsheikh University • **Consultant,** Elalamiah for Renewable Energy Systems.
E-mail:	Sherif_imam@hotmail.com
Mobile Number:	+201115339316

▪ Biography

Sherif Imam is a senior lecturer at Faculty of Engineering, Kafrelsheikh University. He obtained the PhD degree in Electrical Engineering from Tanta University, Egypt, in 2016. The M.Sc. degree have been obtained from Alexandria University, Egypt, in 2008 and B.Sc. degree have been obtained from Benha University in 2000. In addition to the academic field, good experience has been gained in the industry field. He contributed in many engineering consultancies and projects for different industrial companies in Egypt in fields of power quality, automation systems, renewable energy and electrical installations. His research interests include power electronics applications in power quality, AC and DC drives, FACTS, distributed generation, HVDC transmission systems, and renewable energy.

As a contribution to the power electronics applications in power quality, renewable energy, electric drives, and HVDC systems, Sherif published 2 transactions, 2 conference papers. He acted as a peer-reviewer for Elsevier academic journal. He taught different courses of power systems and power electronics applications to undergraduate and postgraduate students. He established good scientific collaboration between his institution and many universities in countries like Hungary and Turkey.

▪ Academic Qualifications

2010 – 2016 PhD in Electrical Engineering, Faculty of Engineering, Tanta University, Egypt
Title of the PhD thesis: "**Economic planning of a hybrid renewable energy generating system"**

2001 – 2008 M.Sc. in Electrical Engineering, Faculty of Engineering, Alex. University, Egypt
Title of the MSc thesis: "**Speed Control System of PM Synchronous Motor"**

1996 – 2000 B.Sc. in Electrical Engineering, Faculty of Engineering, Benha University, Egypt

▪ Working Experiences

Full-Time Jobs

2009-present **Assistant Professor (2016 - Present)**
Teaching Assistant (2009 - 2016)
Electrical Power and Machines Dept. – Kafrelsheikh University

Teaching duties:

- Teaching the following courses:
  - Power electronics
  - Power systems analysis
  - Electrical circuits I & II
  - Automatic control I & II
  - System dynamics
  - Modeling and simulation
  - Industrial sensors applications
  - Energy conversion
  - management of energy resources
  - Solar energy power plants
  - Electrical drives and machines
  - Industrial automation applications and PLC

- Working at Information and Communication Technology Training program (ICTT) as a trainer for Professional Track, from 2013 till now.

Administrative duties:

- - Member of quality assurance committee (2010-present)
- - Member of the examination committee (2009-present)

2003-2009 **Instructor**

Electronics Engineering Department
Technical and Vocational Training Corporation
Ministry of Labor - KSA

2001- 2003 **Instructor**

Electronics Engineering Department
Alexandria Technical Institute
Ministry of High Education - Egypt

Part-Time Jobs

2016 – Present **Assistant Professor**

Arab Academy for Science, Technology and Maritime Transport, Alexandria, Egypt

2012- Present **Consultant,**
Elalamiah for Renewable Energy Systems.
https://www.linkedin.com/company/elalamiah-for-renewable-energy-systems/?viewAsMember=true

Samples of Duties and Responsibilities:
- Design of grid connected and isolated PV systems
- Support project development by creating request for quotations including technical requirements and project specifications.
- Perform quality versus cost analysis of solar energy generation and storage products.

Samples of Field Projects:
- Design the solar PV power system (Grid-tie type) of Alexandria Spinning and Weaving factory for LED lighting with total power equal 150KW.
- Design the solar PV power system (Grid-tie type) of MEDOR Company for LED lighting with total power equal 250KW.
- Combiner box systemation , termination, start up and commissioning of 50MW solar farm in Benban, Aswan, Egypt.

2011 – 2019 **Teaching Assistant**
Arab Academy for Science, Technology and Maritime Transport, Alexandria, Egypt
Teaching courses: Automatic Control for 2nd Engineer
Electrical Circuit Fundamentals
Fundamentals of PV

2001- 2003 **Technical support engineer**
Egyptian Company for Electrical Services

Participating in design of the following systems:
- Automatic control process with PLC.
- Fire alarm systems.
- Low current applications (Surveillance cameras systems CCTV and security systems)
- المساهمة فى دراسة مكافحة الحشف البحرى لإحدى سفن القوات البحرية

Certificates and Licensures
- Consultant of new and renewable energy systems from the Egyptian engineering syndicate, 2019
- Certificate of Energy Manager from The Association of Energy Engineering (AEE)-USA, since 2018
- Certification of Mechatronics Reviewing at Elsevier, 2017
- Certified as Associated trainer from International Board of Certified Trainers (IBCT), 2015

▪ Publications

[1] **Sherif Imam**, Ahmed Azmy, Essam Rashad, "Sizing and Economic Analysis of Standalone PV Systems for Residential Utilization," 16th IEEE International Middle-East Power Systems Conference, MEPCON'14, Ain Shams University, Cairo, Egypt, Dec. 2014, pp. 1-6.

[2] **Sherif Imam**, Ahmed Azmy, Essam Rashad, and Geza Husi Sherif. "Assessing the effect of design parameters on optimal size of isolated PV systems for residential utilizations," *IEEE/SICE International Symposium on System Integration (SII'14)*, Dec. 2014, Tokyo, Japan, pp. 234-239.

[3] **Sherif M. Imam**, Ahmed M. Azmy. "Sizing and Economic Analysis of Standalone PEM Fuel Cell Systems for Residential Utilization," 7th Electrical Engineering and Mechatronics Conference, Oct. 2014, Debrecen, Hungary, pp. 1-7.

[4] **Sherif M. Imam**, Ahmed Azmy, Essam Rashad, and Geza Husi. "Sizing and economic analysis of hybrid PV/PEMFC system for remote areas residential utilization." Revista de Tehnologii Neconventionale, Vol. 19, No. 3, 2015, pp. 37-45.

▪ Referees

Egypt:

Prof. Ragi Ali Refaat
Electrical Engineering department,
Faculty of Engineering, Alexandria University
Email: rhamdy@alexu.edu.eg
Tel: +2 01005066453

Prof. Mostafa Saad Hamad
College of Engineering and Technology
Arab Academy for Science, Technology and Maritime Transport
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Prof. Ahmed Mohamed Azmy (PhD supervisor)
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Faculty of Engineering, Tanta University
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Prof. Amman Ali
Arab Academy for Science, Technology and Maritime Transport
Tel: +2 01001717819

Hungary:

Prof. Geza Husi
Electrical Engineering and Mechatronics Department
Faculty of Engineering,
University of Debrecen
Email: husigeza@eng.unideb.hu

TANTA UNIVERSITY

CERTIFICATE

02793

ARAB REPUBLIC of EGYPT

Faculty of Engineering

In recognition of the successful completion of the requisites and on nomination of Tanta University Faculty of Engineering after agreement of Faculty Board on 15/11/2016 and agreement of University Board on 30/11/2016 by virtue of their authority, hereby confers upon

Sherif Mahmoud Emam Ibrahim Hamido

Born in Egypt/ Alexandria/ , on 13/10/1977

Ph.D. in Electrical Engineering (Electrical Power and Machines Engineering)

with all the honors, rights and privileges thereto pertaining.

The title of his thesis

Economic Planning of Hybrid Renewable Energy Generating Systems.

This certificate has been issued to be submitted to whom it may concern. Upon his request without any responsibilty against others

Registrar

Nahla Abdel

Dean

Kabeel

Prof.Emad Etman

Management Information System Unit on 19/03/2017

This certificate has been authenticated in Tanta University Database under No. 104583 and can be verified on the following URL: http://tdb.tanta.edu.eg/PostGraduates

Foundation of International Board of Certified Trainers (IBCT)

Certified On: 7/4/2015

Expiration Date: 7/4/2018

Certificate Code: IBCT-MENA-AT071/15

Certificate

The IBCT Certification Body Certifies that

Sherif Mahmoud Imam Ibrahim

has been granted the title of

Associate Trainer

and met the IBCT international standards of basic knowledge & skills in Training and HRD including:

- Training & Development: A closer Look
- Basic Instructional Design & Didactic Methods
- Presentation Skills for Trainers
- Training as a Career
- Dealing with Difficult Behaviours
- Managing Training Environment

Associate Trainer

United States of America
David J. Rudd, CT
Director USA Headquarters

IBCT

Middle East & North Africa
Dr. Ahmed Metwally, CT
Director MENA Headquarters

Europe
Erik Bertrand, CT
Global & Europe Director

IBCT

ELSEVIER

MECHATRONICS

Certificate of Reviewing

awarded January, 2017 to

SHERIF IMAM

In recognition of the review made for the journal

The Editors of *MECHATRONICS*
Elsevier, Amsterdam, The Netherlands

CERTIFICATE OF A CONSULTANT ENGINEER

Where as the Decree of the Minister of Irrigation No. 1684/1972 providing for the establishment of the Consultant Engineers Registration Book and the establishment of the Supreme Consulting Engineering Committee on **18/12/2019** and Council Supreme on **28/12/2019** of the works carried out by the Engineer, holder of the present Certificate, according to articles 2 & 3 of the above mentioned Ministerial Decision and its other items the present Certificate has been delivered to :-

Engineer / **Dr. Sherif Mahmoud Emam Ibrahim Hamido**

Member of the syndicate No:- **7768/40** Consultant Engineer:- **1407**/4

Engineering Branch: **ELECTRICAL** in his capacity as Consultant Engineer in the Field of:-

{ NEW & RENEWABLE ENERGY SYSTEMS }

The Syndicate Representative

Eng / MAHMOUD HEGAZY

Cairo in : 3/3/2020

The Association of Energy Engineers

certifies that

Sherif Mahmoud Imam

has completed the prescribed standards for certification,
has demonstrated a high level of competence and ethical fitness
for energy management, and is hereby granted the title of

CERTIFIED ENERGY MANAGER®

Expiration Date:
12/31/2021
95558

Chairman, International Certification Board

International Certification Director

FESTO

Certificate

Mr. Sherif Imam
succesfully attended the training course

Mastering the basics of electric-drive systems (ED811)

from 26. November 2014 to 27. November 2014 in Festo-HU, Budapest

The participant knows

- the criteria for selecting a drive system
- which components are needed for an electric-drive system
- how to commission an electric-drive system
- how the configuration software FCT is used
- how to work safely with electrical drives

and can

- select the most appropriate drive system for a given application
- assemble, power up and configure a system
- find and correct possible faults including interpreting error messages
- work safely with an e-drive

FESTO

Automatika Kereskedelmi
és Szolgáltató Kft.
DIDACTIC

1037 Budapest
Csillaghegyi út 32-34.
Adószám: 10159277-2-41
0/2

Trainer: *Mr. István Ullrich*
Festo Kft, HU-Budapest