CURRICULUM VITAE

Name	*Mohammed Maher Soliman El Sayed*
Date of Birth	**October 6, 1989**
Nationality	**Egyptian**
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ACADEMIC QUALIFICATIONS

- December 2015: Master of Electrical Engineering (Power and Machines – Renewable Energy), Faculty of Engineering, Assiut University, Egypt, Excellent with honor's grade (93.4 %).

- June 2011: Bachelor of Electrical Engineering (Power and Machines), Faculty of Engineering, Assiut University, Egypt, Excellent with honor's grade (86.85 % - ranked 1st among ~ 150 graduates).

Work Experience

January 2016-present:
- Assistant lecturer at Electrical Engineering Department, Faculty of Engineering, Assiut University, Egypt.

October 2011-December 2015:
- Demonstrator at Electrical Engineering Department, Faculty of Engineering, Assiut University, Egypt.

- Teaching: Electrical circuit theory (E-121), Power electronics (EP-325), Wise energy consumption (EE-338), Programmable logic controller PLC (EC-335), Power system analysis (EP-422), Electrical testing (EP-324, EP-424), Power system voltage stability (EP-436), Energy conversion and utilization (EP-423) for undergraduate students.

Training and workshops

1. February 2020 "Self-Marketing", DAAD Kairo Akademie, DAAD Cairo, Egypt.

2. February 2020 "Self-Management", DAAD Kairo Akademie, DAAD Cairo, Egypt.

3. September 2019 "Proposal Writing for Master & PhD Candidates", DAAD Kairo Akademie, DAAD Cairo, Egypt.

4. March 2017 "Statistical Analysis in Scientific Research", Faculty and Leadership Development Center (FLDC), Assiut University, Egypt.

5. February 2017 "Code of Ethics", Faculty and Leadership Development Center (FLDC), Assiut University, Egypt.

6. December 2016: "Design and Conduct Scientific Research", Faculty and Leadership Development Center (FLDC), Assiut University, Egypt.

7. November 2016: "How to Compete for a Research Fund", FLDC, Assiut University, Egypt.

8. October 2016: "Quality Standards in Teaching 1", FLDC, Assiut University, Egypt.

9. May 2016: "Analytical and Creative Thinking", FLDC, Assiut University, Egypt.

10. December 2015: "Preparation of University Teacher", faculty of education, Assiut University, Egypt.

11. October 2014: "The use of technology in teaching", FLDC, Assiut University, Egypt.

12. May 2014: "Strategic Planning", FLDC, Assiut University, Egypt.

13. May 2014: "Conference Organization", FLDC, Assiut University, Egypt.

14. July 2013: "Electrical Power System Distribution Basic Applications", Training at Jelecom company, Cairo, Egypt.

15. February 2013: "International Publishing of Research", FLDC, Assiut University, Egypt.

16. November 2012: "Research Team Management", FLDC, Assiut University, Egypt.

17. October 2012: "Credits hours System ", FLDC, Assiut University, Egypt.

18. March 2011: "Power System Extensions", Internship and Training, Jelecom Company, Assuit, Egypt.

19. July 2010: "Development of thinking and managerial skills", Pathways to higher education (PHE) Training Program, Faculty of Engineering, Cairo University.

1. Analytical thinking
2. Systems and creative thinking
3. Argumentation
4. Stress Management
5. Communication Skills
6. Research Methods and writing research proposals

20. March 2010: "CNC Machines (FANUC 2li MILL) ", Industrial training council, Assiut, Egypt.

21. August 2009: "PLC Advanced Course", Summer internship and training, Jelecom company, Assiut, Egypt

22. November 2008: Certificate of Human rights training program at Assiut University under the supervision of: United nations development program, Royal embassy of the Netherlands, the fords foundation, European Union, Embassy of Sweden, and Embassy of Norway.

Academic Recognitions & Awards

1. Assiut University Certificate of Honor.
2. Prof. Hasan El-Haras Electrical Engineering Honor Prize, 2009.
3. National Summit for Young leader 2010 travel grant.
4. Leadership Institute of Helwan Ideal Student Certificate of Honor, Helwan, Egypt, 2010.

-Postgraduate courses, faculty of engineering, Assiut University, Egypt:

- Engineering mathematics (Excellent)
- Power electronics (Excellent)
- Advanced control engineering (Excellent)
- Wind power in power systems (very good)
- Electric power (Excellent)

Postgraduate experience

- **(2011-2015):** Master degree in Electrical Engineering (Power and Machines – Renewable Energy), Faculty of Engineering, Assiut University, Egypt.

Thesis entitled "Power Electronics Application for Wind Turbine Driven Permanent Magnet Synchronous Generator"

Professional skills

- Advanced Research Abilities.
- Interactive and fast enough to learn new technologies and sciences in short time.
- Self-Motivated.
- Ability to work in a group or individually according to the job.
- Softwares (Microsoft office, Matlab/Simulink, Matlab programming, PSIM program, PLC Programming, Mendeley program and Latex).
- Optimization.
- Searching international online databases and websites: Google scholar, Research Gate, Science direct, IEEE and Elsevier.

Research interests

- Renewable energy.
- Smart grids.
- Power electronics.
- Power systems.

Language skills

- English (IELTS: 6.0)
- Arabic (Mother language)
- French (Elementary)

Publications

1. **Mohammed M. Soliman** and Gaber El-Saady, " *A Fault Ride Through Strategy for Wind Energy Conversion System based on Permanent Magnet Synchronous* ", IEEE International Conference on Innovative Trends in Computer Engineering (ITCE 2018), pp. 453-460, 15 March 2018, https://ieeexplore.ieee.org/document/8316666.
2. Gaber El-Saady, El-Nobi A. Ibrahim, Hamdy Ziedan and **Mohammed M. Soliman**, "*Modeling and Operation of Permanent Magnet Synchronous Generator Wind Energy Conversion System Connected with Grid",* 17th International Middle East Power Systems Conference, Mansoura University, Egypt, http://mepcon2015.com, Dec. 15-17, 2015.
3. Gaber El-Saady, El-Nobi A.Ibrahim, Hamdy Ziedan and **Mohammed M. Soliman**, "*Analysis of Wind Turbine Driven Permanent Magnet Synchronous Generator under Different Loading Conditions*", 16th International Middle- East Power Systems Conference - MEPCON'2014 , Ain Shams University, Cairo, Egypt, http://www.mepcon2014.com/main/main.php, Dec. 23-25, 2014.

4. Gaber El-Saady, El-Nobi A.Ibrahim, Hamdy Ziedan and **Mohammed M. Soliman**, "*Analysis of Wind Turbine Driven Permanent Magnet Synchronous Generator under Different Loading Conditions",* International journal of Innovative Systems Design and Engineering , The International Institute for Science, Technology and Education (IISTE), Vol.4, No.14, pp. 97-111, www.iiste.org, 2013.

Google scholar link:

https://scholar.google.com.eg/citations?hl=en&user=ayKrYkIAAAAJ

Google site link:

https://sites.google.com/site/engmaher201115/home

Research gate link:

https://www.researchgate.net/profile/Mohammed_Soliman2

References

1. Professor Dr. Mohammed Abdelrahem, Ass. Professor Institute for Electrical Drive Systems and Power Electronics, Technical University of Munich (TUM).

   E-mail: mohamed.abdelrahem@tum.de

2. Professor Dr. Hamdy Ahmed Zeidan, PhD, Professor Elec. Eng. Dept., Assuit University, Egypt.

   Email: ziedan@aun.edu.eg