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Dr. Eng.\ Samy Abdalla Eraky Lashin.



Name : Samy Abdalla Eraky Lashin,
Birth Date : 13/5/1953,
Age : 67 Years,
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Address : Egypt, Shebin El-kom, 12 El-Masna Street, flat No. 99
Social State : Married and have two sons and a daughter,
Scientific Degree :

***B Sc.** Electrical Power Engineering - Faculty of Engineering – Shebin El-Kom - Menoufiya University, May 1976 - Grade: Very good,

* **M Sc.** in Electrical Engineering, Menoufiya University, 1995, with Title:
“Voltage Control and Power Loss Minimization in Primary Distribution Networks”

* **Ph D.** in Electrical Engineering, Menoufiya University, 2000, with Title:
“Assessment of Operating Photovoltaic Power System for Residential Loads”

Present Job : Assistant professor, 2013 - until now, Communication and electronics department.
Place of Work : Nile higher institute for Engineering & Technology.
Period of work : 7 (2013 - 2020).

Qualifying Experiences:

a) **Assistant Professor: 2013- until now:** Nile higher institute for Engineering & Technology, lecturing of different Electrical Sciences (Principles of Electrical Engineering, Electrical Circuits 1, Electrical Measurements & Testing, Energy Conversion, Electrical Machines & Transformers and Electrical Power) and Humanities & Social Sciences (Technical Report Writing, Professional Ethics and Computer Skills)

b) Visiting Lecture:

1. **2000-2006: Workers University - Tanta Sector;** Lecturing of different Electrical Sciences (Electrical Engineering, Electrical drawing and electrical machines) and Laboratories.
2. **2000-2007: Tanta University, Faculty of engineering;** Lecturing of Electrical circuits, Electrical Engineering, Electrical Machines and different Electrical Sciences.

3. **1998-2007: El-Mahalla El-kobra Faculty of Technology;** Lecturing of different Electrical Sciences (Electrical Engineering, Electrical drawing, Electrical Energy uses, Graduation Project, Engineering Drawing and electrical machines) and Computer courses.

c) In the Spinning & Weaving Industrial Field (1979-2011):

1. Erection, putting into operation and maintenance for the following electric equipments;
 - Power distribution boards of production machinery.
 - Electrical motors; up to 100 kW - 3x380 V - 50 HZ.
 - Indoor and outdoor illumination by fluorescent lamps, incandescent lamps and mercury vapor lamps.
 - Power distribution transformers up to 1600 kVA, 11/0.4 kV - 50 HZ.
 - Repair and rewinding for Electrical motors up to 100 kW, 3x380 V - 50HZ, and for control transformers up to 10 kVA, 380/90/42 V - 50 HZ.
2. Participating in putting down inquiry-specifications and offer-studies for projects of electrical power distribution and their spare parts. Also, Spare parts storage study for Electrical equipments.

d) ISO internal/lead auditor:

1. **30/6 - 21/7/2007:** Internal auditor course according to ISO 9001-2000 & ISO 14001 & OHSAS 18001, by Quality & Environment Advisory Group (Delta).
2. **10/07/2008:** QMS Auditor/Lead Auditor based on ISO 9001: 2000, Course No. A17133/ Certified by IRCA. Delivered in association with URS, Egypt. Certificate No. 4393, Initial Certification date: 10//2008.
3. **28/01/2010:** QMS Auditor/Lead Auditor based on ISO 9001: 2008, Training Course, Course No. A17133 / Certified by IRCA. Delivered in association with URS, Egypt. Certificate No. 5603. Initial Certification date: 28/1/2010.

e) Working part time:

2008 - 2011: Working part time in a private consultant engineering company for technical studying and cost pricing for project offers, and supervising electrical projects (Quantities restriction, erection, supervision, commissioning and starts up of electrical equipments).

PUBLICATION PAPERS:

1. S.M. Farrag, A.I. Taalab and S.A. Eraky, "A rapid and Reliable Method for Distribution System Load Flow Calculations", First Engineering Conference - Mansoura 1995, 28-30 March 1995.
2. A. A. El-Zeftawy, A. A. El-Hefnawy, G. E. M. Aly, and S. A. Eraky, "Construction and Technical Assessment of Residential Photovoltaic Power System", Engineering Research Bulletin, Menoufiya University, Faculty of Engineering, Vol. 20, No. 3, September-October 1997, pp. 57-70
3. A. A. El-Zeftawy, A. A. El-Hefnawy, G. E. M. Aly, and S. A. Eraky, "Technical Assessment of Operating Stand-Alone Photovoltaic Power System in Egypt", Proceedings of Sixth Arab International Solar Energy Conference, AISEC-6, Muscat, Sultanate of Oman, March 29/April 1st, 1998.
4. A. A. El-Zeftawy, A. A. El-Hefnawy, G. E. M. Aly, and S. A. Eraky, "Technical Assessment of Electrical Utility-Interactive Residential Photovoltaic Power Systems", Electric Power System Research, 51, 1999, pp. 175-185.
5. A. A. El-Zeftawy, A. A. El-Hefnawy, G. E. M. Aly, and S. A. Eraky, "Economical assessment of Operating Photovoltaic Power System for Residential Applications", Proceedings of Seventh International Middle-East Power Systems Conference, MEPCON'2000, March 28-30, 2000, Ain Shams, Cairo Egypt, pp. 759-763.
6. A. A. El-Hefnawy, A. A. El-Zeftawy, G. E. M. Aly, and S. A. Eraky, "Reactive Power Control on Residential Utility-Interactive PV Power Systems", Electric Power System Research, 51, 1999, pp. 187-199.
7. A. A. El-Zeftawy, A. A. El-Hefnawy, G. E. M. Aly, and S. A. Eraky, "Solar Radiation Analysis and Modelling", Proceedings of Cairo 7th International Conference on Energy & Environment, Cairo, Egypt, March 11-13, 2000, pp. 253-263.
8. G. E. M. Aly, A. A. El-Zeftawy, S. A. Eraky and A. M. Aboel-Asm, "Alternative Design Methods of Photovoltaic Power System and Evaluation of Solar Radiation in Egypt", Proceedings of Cairo International Conference on Energy & Environment, Cairo, Egypt, January 4-7, 2003.
9. G. E. M. Aly, A. A. El-Zeftawy, S. A. Eraky and A. M. Aboel-Asm, "Modeling of Alternative PV System Design Methods and Applications in Egypt", Proceedings of Nine International Middle-East Power Systems Conference, MEPCON'2003, Menoufiya University, Shebin El-kom, Faculty of Engineering, Egypt, December 16-18, 2003, pp. 671-675.

10. G. E. M. Aly, A. A. El-Zeftawy, S. A. Eraky and A. M. Aboel-Asm, "Alternative Design Methods for PV System Design to supply Water-Pump-set; Modeling and Applications", Proceedings of 8th Arab International Solar Energy Conference & Regional World, Renewable Energy Congress, Kingdom of Britain, March 8-11, 2004.
11. G. E. M. Aly, A. A. El-Zeftawy, S. A. Eraky and A. M. Aboel-Asm, "Optimizing of Alternative PV System Design Methods for Residential Applications", Proceedings of Tenth International Middle-East Power Systems Conference, MEPCON'2005, Seuss Anal University, Port-Said, Egypt, December 13-15, pp. 607-6-11.
12. G. E. M. Aly, A. A. El-Zeftawy, S. A. Eraky and A. M. Aboel-Asm, "Optimizing of Alternative PV System Design Methods for Pump Load Applications", Proceedings of International Middle-East Power Systems Conference, MEPCON'2006, El-Minia University, Minia, Egypt, December 19-21, 2006.
13. G. E. M. Aly, and S. A. E. Lashin, "Impact of the Design Method on Operating Photovoltaic Power System as A Private Generator", Second International Conference (Tenth Conference of Sustainable Environmental Development), Sharm El Sheikh, 16-20 March 2019, Menoufia University, Faculty of Engineering, Egypt.