



Samy A. E. Lashin

Assistant Prof.

EDUCATION

- Ph.D., Electrical Engineering, University of Menoufia, Egypt, 2000
- M.Sc., Electrical Engineering, University of Menoufia, Egypt, 1995
- B.Sc., Electrical Power Engineering, University of Menoufia, Egypt, 1976

ACADEMIC EXPERIENCE (FULL-TIME)

- Doctor Engineer, Department of communication and Electronics, Nile higher institute for
- Engineering & Technology, Egypt, 2013 – until now.
- Lecturer, different Electrical Sciences (Electrical Engineering & Electrical drawing and electrical machines) and Laboratories -Tanta University, Egypt, 2000-2008.
- Lecturer, different Electrical Sciences (Electrical Engineering & Electrical drawing & Electrical Energy uses & Graduation Project & Engineering Drawing and electrical machines) and
- Computer courses, Faculty of Technology- El-Mahalla El-kobra, Egypt, 1998- 2007.
- Lecturer, Electrical circuits & Electrical Engineering & Electrical Machines and different Electrical Sciences, Faculty of engineering - Tanta University, Egypt, 2001-2006.

NON-ACADEMIC EXPERIENCE (FULL TIME)

- Head of Electrical sector, Misr/shebin El-kom spinning & Weaving company, Egypt, 2009-2012.
- General manager of Electrical Maintenance, Electrical sector, Misr/shebin El-kom spinning & Weaving company, Egypt, 2001-2008.
- Head of technical department, Electrical sector, Misr/shebin El-kom spinning & Weaving company, Egypt, 1987-2000.
- Maintenance engineer, Electrical sector, Misr/shebin El-kom spinning & Weaving company, Egypt, 1979-1986.

PROFESSIONAL REGISTRATIONS/CERTIFICATIONS

- 30/6 - 21/7/2007: Internal auditor course according to ISO 9001-2000 & ISO 14001 & OHSAS 18001, by Quality & Environment Advisory Group (Delta).
- 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.
- 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.



PROFESSIONAL ORGANIZATIONS

- Workers University - Tanta Sector.
- Tanta University, Faculty of engineering.
- El-Mahalla El-kobra Faculty of Technology.

HONORS AND AWARDS

None.

SERVICE ACTIVITIES (INTERNAL AND EXTERNAL)

None.

PUBLICATION LIST

1. 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.
2. 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.
3. 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.
4. 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. 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.
5. 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.
6. 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.
7. 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.



PROFESSIONAL DEVELOPMENT

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.

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).



TRAINING WORKSHOPS

1. Teaching quality standards in the period 19-20 September 2017 at the University Performance Development Center at Mansoura University UDC.
2. The credit hours system in the period 19-20 September 2017 at the University Performance Development Center at Mansoura University UDC.
3. Application and Common Academic Rules NARS 2018 Engineering Sector - (5-6 / 7/2020) - Nile Higher Institute of Engineering and Technology.
4. Description of programs and courses according to NARS 2018 Engineering Sector - (12-13 / 7/2020) - Higher Nile Institute of Engineering and Technology.
5. E-learning - (6-7 / 9/2020) - Nile Higher Institute of Engineering and Technology.
6. Using electronic platforms - (20-21/9/2020) - The Nile Higher Institute for Engineering and Technology.
7. The system of credit hours and academic advising - (4-5/10/2020) - Nile Higher Institute for Engineering and Technology.
8. Hybrid Education - (10-11/10/2020) - Nile Higher Institute of Engineering and Technology.
9. Fundamentals of Scientific Research - (2-3/12/2020) - Nile Higher Institute of Engineering and Technology.
10. Statistical analysis using the SPSS program (2-3/1/2021) The Nile Higher Institute for Engineering and Technology.