

CURRICULUM VITAE

PERSONAL INFORMATION

Name: Mostafa Abdou Merazy Ahmed.
Address: Electrical Engineering Department, Faculty of Engineering,
Assiut University, Assiut, Egypt.
Date of Birth: August, 29, 1983, Luxor, Egypt.
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EDUCATION

Sep 2005 _ July 2011 Assiut University, Faculty of Engineering
Master of Science in Electrical Engineering
Master thesis entitled
“Universal Active Power Line Conditioners.”
• Ref. Dr Adel Abdu H. Ahmed (a_ahmed@au.edu.eg), the research supervisor.

Sep 2001 – July 2005 Assiut University, Faculty of Engineering
Bachelor of Electrical Engineering “Power and machines” section
Grade: Very Good with Honor 83%
Rank: 1st
Project: "**Future Requirements of Electric Power Plant in Egypt**"
Project Grade: Excellent

WORK EXPERIENCE

Dec. 2011 _ Now **Faculty of Engineering Assiut University**
Position: Lecturer Assistant

Jan. 2006 _ Dec.2011 **Faculty of Engineering Assiut University**
Position: Teaching Assistant

Responsibilities:

- M.Sc. Researcher in the field of Power systems & Elec. machines
- Provides a demonstration for undergraduate students in the following subjects:-
 - Electrical Circuits. Electrical Machines.
 - Electrical Measurements & Instrumentation.
 - Power Electronic. Electrical Power Systems.
 - Electrical Machines Lab. Power Electronic Lab...
 - Power system Power Quality. Power System Protection.
 - High Voltage Engineering. High Voltage Lab.

RESEARCH INTERESTS

- Power System Power Quality.
- Active Harmonic Filters.
- Power Electronic.
- Renewable Energy Applications.
- Power System Control.

PUBLICATIONS

a. Journals:

1. A.Ahmed, F.N.Abdelbar, M.A.Merazy, "P-q theory Based Shunt Active Power Conditioner for Mitigation of Power Quality Problems", Innovative Systems Design and Engineering, Vol 2, No 7, 2011 ISSN 2222-1727 (Paper) ISSN 2222-2871 (Online).

b. Conferences:

2. M.Z.EL-Sadek, A.Ahmed, F.N.Abdelbar, M.A.Merazy, "Shunt Active Filter for Simultaneous Harmonic Suppression and 50-Hz Reactive Power Compensation", First International Conference of Energy Engineering (ICCE-1), South Valley University-Aswan-Egypt, 28 Dec. 2008.
3. M.Z.EL-Sadek, A.Ahmed, F.N.Abdelbar, M.A.Merazy, " Shunt Active Filter Operation with Unbalanced Loads and Non-Ideal Mains Voltage" First International Conference of Energy Engineering (ICCE-1), South Valley University-Aswan-Egypt, 28 Dec. 2008.
4. M.Z.EL-Sadek, A.Ahmed, F.N.Abdelbar, M.A.Merazy, "Comparative Study of Different Control Strategies for Shunt Active Power Filter", First International Conference of Energy Engineering (ICCE-1), South Valley University-Aswan-Egypt, 28 Dec. 2008.

LANGUAGES

ILETS Score = 5.5,
Reading = 5.5, Listening = 5, Speaking = 5.5, Writing = 6.

TECHNICAL SKILLS

- Matlab
- FORTRAN 95
- Assembly language for Microprocessor
- C++
- Power System Simulators (PSIM, PSCAD).

SOFT SKILLS

Attended the following Workshops in Assiut University Faculty and Leadership Development Project (FLDP)

- Communication Skills
- Effective Thinking.
- Effective Teaching.
- Effective Presentation.

References

- Prof. Dr. Mazen Abdel-Salam, Electrical Engineering Department, Faculty of Engineering, Assiut University, Assiut, Egypt. (mazen2000as@yahoo.com)
- Prof. Dr. Gaber El-Saady Ahmed, Electrical Engineering Department, Faculty of Engineering, Assiut University, Assiut, Egypt. (Gaber1@yahoo.com, el-saadyaun@edu.eg)
- Dr. Adel Abdu H.Ahmed, Electrical Engineering Department, Faculty of Engineering, Assiut University, Assiut, Egypt. (a_ahmed@au.edu.eg, a_ahmed@yahoo.de)