CURRICULUM VITAE
of
Dr. MANSOUR A. MOHAMED

Associate Professor
ASSIUT UNIVERSITY
College of Engineering
Electrical Engineering Department
Assiut – Egypt

Revised December 2014

I. PERSONAL DATA

Name:	Mansour Ahmed Mohamed
Address:	Electrical Engineering Department, College of Engineering, Assiut University, Assiut, Egypt
Phone:	+20-88-2334688
Mobile:	+20-1017013571
Email:	mamohamed2004@yahoo.com
Orig. Date of Employment:	October 21, 1991
Citizenship:	Egyptian
Faculty Status:	Full Member

II. EDUCATION

Ph.D.	EE	Ira A. Fulton School of Engineering, Arizona State University	USA	2003
M.S.	EE	Faculty of Engineering, Assiut University	EGYPT	1996
B.S.	EE	Faculty of Engineering, Assiut University	EGYPT	1990

Ph.D. Dissertation entitled :	*Combinatorial Strategies to Reduce Wide Area Power System Vulnerability*
M.S. Dissertation entitled:	*Effect of Abnormal Waves on Electrical Distribution Systems*
B.S. ranked the first with general grade:	*" Distinction with honor"*

III. ACADEMIC EXPERIENCE

2012 -present	**Associate Professor** **Electrical Engineering Department** **Assiut University, Assiut, Egypt**
2006 – 2012	**Assistant Professor** **College of Engineering** **Al-Jouf University, Sakaka, Al-Jouf, Saudi Arabia**
2004 – 2006	**Assistant Professor** **Electrical Engineering Department** **Assiut University, Assiut, Egypt**
2003 – 2004	**Teaching Assistant** **Electrical Engineering Department** **Assiut University, Assiut, Egypt**
2001 – 2003	**Teaching Assistant** **Electrical Engineering Department** **Arizona State University, Tempe, AZ, USA**
1999 – 2001	**Research Assistant** **Electrical Engineering Department** **Arizona State University, Tempe, AZ, USA**
1996 – 1999	**Teaching Assistant** **Electrical Engineering Department** **Assiut University, Assiut, Egypt**
1992 - 1996	**Demonstrator** **Electrical Engineering Department** **Assiut University, Assiut, Egypt**
1991-1992	**Egyptian Armed Forces**

IV. ACADEMIC AREAS OF SPECIALIZATION

Teaching:

At Al- Jouf University

1. EE 201 Fundamental of Electric Circuits
2. EE 335 Electric Machines (I)
3. EE 336 Electric Machines (II)
4. EE 337 Electric Machines Lab.
5. EE 341 Power System Analysis
6. EE 442 Utilization of Electric Energy
7. EE 432 Power Electronics

8. EE 440 Design of Industrial Power Systems
9. EE 443 Power System Operation and Control
10. EE 444 Power System Planning

At Arizona State University

1. EEE 360 Lab Energy convergent and transport
2. Participate in lecturing EEE 360 with Dr. G. Karady

At Assiut University

1. E208 Numerical Analysis (1)
2. EE107 Electrical Engineering
3. EEP360 Power Quality
4. EEP442 Power System Analysis
5. EEP 334 Electrical Testing
6. E227 Electrical and electronic measurements
7. EP 321 electrical power
8. EE101 electric and electronic circuits

Research

1. Power System stability and protection
2. Electric Power Quality
3. Power System Operation and Planning

V. UNIVERSITY ACTIVITIES

University Committees

2005-2006 Environmental Training Center at Assiut University (ETCA)

College Committees

Faculty of Engineering, Assiut University

1. 2005 - 2006 Quality Assurance and Accreditation Committee
2. 2004 – 2006 Center for Studies, Research and Engineering Consultance

Faculty of Engineering, Al-Jouf University

1. 2006 - Present Accreditation Committee
2. 2006 - Present Laboratories and Library Committee
3. 2007 – present College Academic Advisor

VI. PROJECTS

Projects Research Assistant

- Dr. Mohamed was among the project tream sponsored by EPRI and the USA Department of Defense through Initiative on Complex Interative Networks / Systems. *Project final report titeledt: Development of Analytical and Computational Methods for the Strategic Power*

Infrastructure Defense (SPID) System, EPRI, Palo Alto, CA, [and Department of Defense]: [2001].

Projects Supervision for Final Year B.Sc. Students

- Static Security Analysis of Egyptian Power System
- Analysis of Egyptian Power network

Projects Supervision for graduate Students

- Analysis of Egyptian Power network

VII. SKILLS

1. **Computer Languages** : Visual Basic and Fortran.
2. **Software Packages**: MatLab, PsPpice, Electromagnetic Transient Program (EMTP), Electromagnetic transient midterm stability program (ETMSP), Minitab, MathCad.
3. **Word processing and spreadsheets software**: Microsoft Excel, Microsoft Power Point, Microsoft Word.

VIII. PUBLICATIONS

1. **Mansour A. Mohamed**," New Adaptive Method for Voltage Sag and Swell Detection," *Journal of Korea Convergance Socity, vol. 4, no.1,pp. 33-42, march 2013.*
2. **Mansour A. Mohamed, "**Identification of Capacitor Switching Transients Relative Location Using the S-Transform," *IEEE/PES power systems conference and Exposition (PSCE), 2011*.
3. **Mansour A. Mohamed**, "Automatic Monitoring Algorithm for Power Quality Voltage Events," Journal of Engineering Science, vol. 52 , no. 1, Jan., 2009.
4. **Mansour A. Mohamed**, "Real-time Technique for Phasor Extraction of the Power- frequency Component," The 2009 International Conference on Communication, Computer, and Power (ICCCP09), Muscat, Oman, Feb. 15-18, 2009.
5. **M. A. Mohamed** and K. N. Altallaq, " ARLS method for Voltage Sag detection in Power systems," The fifth Saudi technical conference and exhibition, Riyadh, Saudi Arabia, 11-14 January, 2009.
6. K. N. Altallaq, Y. Bazi, and **M. A. Mohamed**, "Fast Discrimination between Transformer Inrush and Fault Currents Using SVM," The fifth Saudi technical conference and exhibition, Riyadh, Saudi Arabia, 11-14 January, 2009.
7. H. Al-shrari, **M. Mohamed**, and M. Bedda, "Analysis of the Engineering Education Systems in Some Arab Countries," Proceedings of the 7th Saudi Engineering Conference, Riyadh, 2-5 Dec.2007.

8. M. Nayel and **M. Mohamed**, ""Calculation of Model Parameters for Different Earthing Electrodes Embeded in Two-Layer Earth," The sixth regional conference for National Committees of CIGRE in Arab Countries, Cairo, Egypt, 21-23 Nov. 2005.
9. **M. Mohamed**, "An Optimal Fault Location Algorithm Based on The Fast Hartley Transform," The Tenth International Middle East Power Systems Conference, Port Said, Egypt, no. PW21, pp. 627-632, 13-15 Dec., 2005.
10. **M. Mohamed**, G. Karady, and M. Nayel "A New Method for Predicting Rotor Angle Stability" The Tenth International Middle East Power Systems Conference, Port Said, Egypt, 13-15 Dec., 2005.
11. **M. Mohamed**, and Ali Yousef, "New Strategy Agents to Improve Power System Transient Stability," Enformatika transactions on Engineering, Computing and Technology, v3, pp. 261-266, December 2004.
12. Ali Yousef, and **M. Mohamed**, "Multimachine Power System Stabilizer Based on Efficient Two-Layered Fuzzy Logic Controller," in Enformatika transactions on Engineering, Computing and Technology, v3, pp. 137-140, December 2004.
13. G. Karady, A. Daoud, **M. Mohamed**, and I. Amin "Fast learning algorithm for synchronous generator instability prediction," In proceedings of the Engineering Intelligent Systems Journal, vol. 12, no. 2, June 2004.
14. G. Karady, **M. Mohamed**, "Improving transient stability using fast valving based on tracking rotor-angle and active power," In proceedings of the IEEE Power Engineering Society Summer Meeting, vol. 3, pp. 1576-1581, 2002.
15. G. Karady, A. Daoud, **M. Mohamed**, "On-line transient stability enhancement using multi-agent technique," In proceedings of the IEEE Power Engineering Society Winter Meeting, vol. 2, pp. 893-899, 2002.
16. G. Karady, **M. Kattamesh**, "Improving transient stability using generator tripping based on tracking rotor-angle," In proceedings of the IEEE Power Engineering Society Winter Meeting, vol. 2, pp. 1113-1118, 2001.

IIX. CONFERENCES ATTENDANCE and PARTICIPATION

1- The second International Middle East Power Systems Conference (MEPCON), Luxor, Egypt, December, 2006.
2- IEEE Power Engineering Society Winter Meeting, New York , USA, 2001.
3- IEEE Power Engineering Society Winter Meeting, New York , USA, 2002.
4- The International Conference on Information Technology, (ICIT), Istanbul, Turkey, December, 17-19, 2004.
5- The Tenth International Middle East Power Systems Conference, Port Said, Egypt, December, 11-15,, 2005.
6- The sixth regional conference for National Committees of CIGRE in Arab Countries, Cairo, Egypt, November 21-23, 2005.

7- The Seventh Saudi Engineering Conference, Riyadh, December, 2-5, 2007.
8- The fifth Saudi technical conference and exhibition, Riyadh, Saudi Arabia, January, 11-14, 2009.