

**ABET Curriculum Vitae of:**  
Sayed Ahmed Elsayed Nagy

• **Education**

Degree	Discipline	Institution	Year
Ph.D.	Elect. Power & Machines Eng.	Al-Azhar Univ.	2007
M.Sc.	Elect. Power & Machines Eng.	Al-Azhar Univ.	2002
B.Sc.	Elect. Power & Machines Eng.	Al-Azhar Univ.	1994

• **Academic Rank** : Professor

• **Academic Experience:**

Institution	Rank	Title	Dates	FT/PT
University of Bisha, KSA	Assoc. Professor	Faculty Member	2017-present	FT
Al-Azhar University, Egypt	Professor	Faculty Member	2017	FT
Al-Azhar University, Egypt	Assoc. Professor	Faculty Member	2012-2017	FT
Al-Azhar University, Egypt	Assis. Professor	Faculty Member	2007-2012	FT
Al-Azhar University, Egypt	Lecturer	Faculty Member	2002-2007	FT
Al-Azhar University, Egypt	Teaching Assis.	Faculty Member	1995-2002	FT

• **Non-Academic Experience:**

Organization	Title	Duties	Dates	FT/PT
ENERTIS, Spain	Design Consultant	Introducing consultancy services to follow Egyptian regulation for Renewable Energy Project	2015	PT
Arab Consultant Engineers (ACE), Egypt	Electrical Design Manager	Design Manager, Consultant and Quality Assurance, Supervision of the MEP design for many projects	2007-2015	PT
El-Marakby Steel Co., Egypt	Consultant Engineer	Consultant engineer for MEP design and automation systems of hot-rolling mill steel factory	2006	PT
Assaf French Group, Egypt	Electrical Expert	Electrical and Communication General Planning and Infrastructure	2006-2010	PT
United for Investment & Construction Developments Co., Egypt	Electrical Design Engineer	Electrical Designer for many projects	1996-2002	PT

• **Certifications or Professional Registrations:**

**Membership in Professional Organizations:**

- Egyptian Engineers Syndicate since 1994

• **Honors and Awards:**

- Training of Trainers Diploma (TOT), Leadership Skills and Personal Styles from Canadian Training Center of Human Development - CTCHD
- Strategic Planning, Effective Time Management and Stress at Work and Development of Administrative and Legal Skills (AQATC)

• **Publications and Presentations of the Last Five Years:**

1. **K. Gaber, S. Nagy, Amal Zaki**, "MEMS Gyroscope for Attitude Propagation and Determination for Nanosatellites", *IEEE- 5th International Conference on "Advanced Control Circuits and Systems (ACCS'2017)*, Alexandria, Egypt, 2017.

2. H. S. Ramadan, A. F. Bendary and S. A. Nagy, "[Particle swarm optimization algorithm for capacitor allocation problem in distribution systems with wind turbine generators](#)", *International Journal of Electrical Power & Energy Systems*, Volume 84, Pages 143–152, January 2017.
3. H. S. Mohamed, S. A. Nagy, S. K. EL-Sayed, "[Development of EMCS In Power Plants](#)", *Journal of Multidisciplinary Engineering Science and Technology – JMEST*, Volume. 2, Issue 10, October, 2015
4. M. Y. E. Henna, S. A. Nagy, A. F. M. Bendary, Hasan M. Moustafa, "[Power Quality Enhancement for Smart Distribution System Using Superconducting Magnetic Energy Storage Unit](#)", *Coimbatore Institute of Information Technology (CiiT)*, Volume 7, Number 9, 2015.
5. M. Y. E. Henna, S. A. Nagy, A. F. M. Bendary, Hasan M. Moustafa, "Smart Grid With Storage Units", 1<sup>st</sup> Recent Trends in Energy Systems Conference RTES, Benha University, Cairo, October, 2015.
6. M. Y. E. Henna, S. A. Nagy, A. F. M. Bendary, "[Using Logic Controls in Cascaded Events Prevention for Pilot Distance Relay Zone Three](#)", *Coimbatore Institute of Information Technology (CiiT)*, Volume 7, Number 6, 2015.
7. A. El-Sawalhy, E. A. Badran, and S. A. Nagy, "Mitigation of Harmonic Distortion in Industrial Distribution System with VFD and PFC", *The 16th International Middle East Power Systems Conference (MEPCON'14)*, 2014.
8. S. A. Nagy, Y. Rihan, I. S. Ibrahim, A. S. Adail "Observability Analysis and multi Bad Data Processing Using Phasor Measurements Units in Power System State Estimation", *Journal of Al Azhar University Engineering Sector*, Volume 9, Number 31, April 2014.
9. M. M. Salah, S. A. Nagy and M. K. Al Shaer, "Load Frequency Control in Interconnected Power System via parallel AC/DC links and a Deregulated Environment, *Journal of Al Azhar University Engineering Sector*, Volume 9, Number 30, January 2014.
10. S. A. Nagy, A. M. M. Abdelfattah, "Substantially Dependent Parameters Errors Identification Using Synchronized PMU and Data Decorrelation in Power System", *Journal of Al Azhar University Engineering Sector*, Volume 9, Number 30, January 2014.
11. S. Nagy, Y. Rihan, I. Salama, A. Adail, "[Robust Bad Data Detection and Identification When Using Phasor Measurements in state estimation in power system](#)", *Coimbatore Institute of Information Technology (CiiT)*, Volume 5, Number 12, 2013.
12. S. A. Nagy, A. H. Osman, "Power System Load Frequency Control Based on Fuzzy Logic Control" *Journal of Al Azhar University Engineering Sector*, Volume 8, Number 27 April, 2013.
13. M. Y. E. Henna and S. A. Nagy, "[Prevention of Cascaded Events of Distance Relay Zone Three Using Logic Controls](#)", *Conference Papers in Engineering*, Volume 2013, Article ID 198021, 2013.

- **Most Recent Professional Development Activities:**

1. IEEE- 5<sup>th</sup> International Conference on "Advanced Control Circuits and Systems (ACCS'2017)", Alexandria, Egypt, 2017.
2. 1<sup>st</sup> Recent Trends in Energy Systems Conference RTES, Benha University, Cairo, October, 2015.
3. The 16<sup>th</sup> International Middle East Power Systems Conference (MEPCON'14), IEEE conference, Cairo, 2014.
4. International Conference on Electrical and Computer Engineering, ICECE 2013, Benghazi, Libya, 2013.
5. Al-Azhar Engineering International Conference (AEIC), Cairo, 2007 & Cairo, 2014.