

**Curriculum Vitae of:  
Abdallah Hammad Zaki Elsherif**

<b>Degree</b>	<b>Discipline</b>	<b>Institution</b>	<b>Year</b>
Ph.D.	Electronic Engineering	Benha University.	2012
M.Sc.	Electronic Engineering	Benha University.	2004
B.Sc	Electronic and Communications	Benha University.	1998

**Academic Rank:** Assistant Professor

**Academic Experience:**

**Institution:** Faculty of Engineering – Bisha University – Kingdom of Saudi Arabia

**Rank:** Assistant professor

**Title:** (Head of the electrical engineering department)

**Dates:** 2017 – present

**Full Time or Part Time:** Full Time

**Institution:** Faculty of Engineering Shoubra – Benha University - Egypt

**Rank:** Assistant professor

**Title:** (coordinator of the summer training in the electrical engineering)

**Dates:** 2012 – 2017

**Full Time or Part Time:** Full Time

**Institution:** Misr International University (MIU) - Egypt

**Rank:** Assistant professor

**Title:** (Assistant professor)

**Dates:** 2012 – 2017

**Full Time or Part Time:** Part Time

**Institution:** Higher Technological Institute (HTI) - Egypt

**Rank:**

**Rank:** Assistant professor

**Title:** (Assistant professor)

**Dates:** 2013 – 2014

**Full Time or Part Time:** Part Time

**Institution:** School of Engineering – **University of Guelph – Ontario Canada**

**Rank:** PhD - visiting scholar

**Title:** (visiting scholar at the ARIS Lab – Advanced Robotics and Intelligent Systems)

**Dates:** 2009 – 2011

**Full Time or Part Time:** Part Time

**Non-Academic Experience:**

**Company or Entity:** *ECT-Soft*, Egyptian Center of technology

**Title:** Senior electronics and software engineer

**Brief Description of Position:**

**Dates:** 2005 - 2006

**Full Time or Part Time:** Part Time

**Certifications or Professional Registrations:**

Certified LabVIEW Associate Developer (CLAD) – National Instruments

**Membership in Professional Organizations:**

✓ Egyptian Syndicate of Engineers since 1999,

## **Honors and Awards:**

## **Service Activities:**

- ✓ Head of the electrical engineering department (college of engineering – Bisha).
- ✓ Member of the quality assurance and development unit (college of engineering – Bisha).
- ✓ Head of eLearning unit (college of engineering – Bisha).

## **Principal Publications and Presentations of the Last Five Years:**

1. M. Elsayed, A. Hammad, A. Hafez, and H. Mansour, “Real time trajectory tracking controller based on lyapunov function for mobile robot,” International Journal of Computer Applications, vol. 168, pp. 1–6, Jun 2017.
2. A. Samir, A. Hammad, A. Hafez, and H. Mansour, “Quadcopter trajectory tracking control using state-feedback control with integral action,” International Journal of Computer Applications, vol. 168, pp. 1–7, Jun 2017.
3. Shimaa S. Ali, A. Hammad, Adly S. Tag Eldien, “FastSLAM 2.0 tracking and mapping as a Cloud Robotics service”, Computers & Electrical Engineering, 2017, ISSN 0045-7906, <https://doi.org/10.1016/j.compeleceng.2017.11.012>.
4. A. Hammad, S. X. Yang, M. T. Elewa, H. Mansour, and S. Ali, “Virtual instrumentation based systems for real-time path planning of mobile robots using bioinspired neural networks,” International Journal of Computational Intelligence and Applications, vol. 10, no. 3, pp. 357–375, 2011. <https://doi.org/10.1142/S1469026811003148>
5. Shimaa S. Ali, A. Hammad, Adly S. Tag Eldien “A Novel Implementation for FastSLAM 2.0 Algorithm Based on Cloud Robotics” IEEE 2017 13th International Computer Engineering Conference (ICENCO) - Cairo Egypt
6. A. Hammad, A. Hafez, and M. T. Elewa, “A cross correlation based range finding technique,” Scientific Bulletin of the Faculty of Engineering, Ain-Shams, vol. 42, no. 4, pp. 497–507, 2007.
7. 6 A. Hammad, A. Hafez, and M. T. Elewa, “A labview based experimental platform for ultrasonic range measurements,” International Journal on Digital Signal Processing, DSP. ICGST, vol. 6, no. 2, pp. 1–8, 2006.

## **Most Recent Professional Development Activities:**

1. O. A. Elsayed, A. Hammad, and E. A. Abdel-Gha'ar, “Natural resonance frequency identification for remote sensing and biomedical engineering using prony method and fuzzy logic,” The Egyptian Journal of Remote Sensing and Space Science, 2019.
2. O. A. Elsayed, A. Hammad, and E. A. Abdel-Gha'ar, “Natural resonance frequency identification for sea waves and eeg epileptic patients using pade approximation and neural network,” The Egyptian Journal of Remote Sensing and Space Science, 2019.
3. Workshop “eLearning based on blackboard platform” – college of Engineering Bisha university.

**ABET Curriculum Vitae of:**  
Housam El dein Mahmoud Ahmed

Degree	Discipline	Institution	Year
Ph.D.	Electrical Engineering	Benha University, Egypt	1996
M.S.	Electrical Engineering	Benha University, Egypt	1989
B.S.	Electrical Engineering	Benha University, Egypt	1983

**Academic Rank:** Assistant Professor

**Academic Experience:**

**Institution:** University of Bisha, Electrical Engineering Department

**Rank:** Assistant Professor

**Title:** Faculty member

**Dates:** 2018

**Full Time or Part Time:** Full Time

**Institution:** Electrical Engineering Department, Faculty of Engineering Shoubra, Benha University,

**Rank:** Assistant Professor

**Title:** Assistant

**Dates:** 1996 – 2018

**Full Time or Part Time:** Full Time

**Institution:** Electrical Engineering Department, Faculty of Engineering Shoubra, Benha University,

**Rank:** Lecturer Assistant

**Title:** Assistant

**Dates:** 1989 – 1996

**Full Time or Part Time:** Full Time

**Institution:** Electrical Engineering Department, Faculty of Engineering Shoubra, Benha University,

**Rank:** Demonstrator

**Title:** Assistant

**Dates:** 1983 – 1989

**Full Time or Part Time:** Full Time

**Membership in Professional Organizations:**

Egyptian Syndicate of Engineers since 1983,

**Honors and Awards:**

- Honor and Appreciation from Benha University regarding the Outstanding Scientific Research Performance and International Publishing (on Round of 2012 & 2015)
- Honor and Appreciation from Benha University regarding the Activities in supervising the University City for Shoubra Engineering Students since four years

### **Service Activities:**

A. Serves as a member of the following college committees:

- Department of Electrical Engineering Council
- Coordinator and supervisor of the college library

### **Principal Publications and Presentations of the Last Five Years:**

1-“Adaptive system identification based on adaptation with data discarding” Thirteenth National Radio Science Conference March, 19-21, 1996. Eweda Eweda (M.T.C), Hosam El deen Ahmed (Zagazig Univ.), M. Atef Bassiouney (Air Def. Res. Center), and Abdel El Azim El- Mahdy (Zagazig Univ.).

2- “Integral Images Compression using Discrete Wavelets and PCA” International Journal of signal Processing and Pattern Recognition Vol, 4, No, 2, June, 2011. Hala Helmy (Banha Univ.) Hosam Eldin Mahmoud Ahmed (Banha Univ.) Sherin Kisk National Telecommunication Institute (NTI).

3- “3D Wavelets with SPIHT Coding for Integral Imaging Compression”. IJCSNS International Journal of Computer Science and Network Security, Vol. 12 No, 1, January 2012. Hala Helmy (Banha Univ. ) Hosam Eldin Mahmoud Ahmed (Banha Univ.) Sherin Kisk National Telecommunication Institute (NTI).

4- “Characterization, Analysis & Detection of Hidden Network Traffic”. ICET International Conference of Engineering and Technology 2012. Hala Helmy (Banha Univ.) Sherif El Kassas Hosam Eldin Mahmoud Ahmed (Banha Univ.) Adel Hosni (Banha Univ.).

5- “The effect of the Spoken Language on the Distortion of the Linear Prediction Coders”. Michael N Micheal (Banha Univ.), Nagy W. Messiha (Minofia Univ.), Hala A.Mansour (Banha Univ.), Hossam E. Mahmoud (Banha Univ.).

6- H.I.Ashiba, H.M.Mansour, M.F.El.Kordy and H.M.Ahmed,"Enhancement Of Infrared Images Using Nonlinear Model,"Proceedings of the 4th International Conference on Mathematics and Information Science(ICMIS), Zewail City of Science and Technology, Cairo, Egypt, pp. IMG18-IMG23,2015.

7- H.I.Ashiba, H.M.Mansour, M.F.El.Kordy and H.M.Ahmed," A new Approach for Contrast of Infrared Images Based on Contrast Limited Adaptive Histogram Equalization"International Journal of Applied Mathematics and Information Science Letters, Vol.3, No. 3, pp.123-125,2015.

8- E. G. Shawky, M. N. Mikhael, H. E. Mahmoud and H. A. Mansour, "IoT power saving using data aggregation applied in footballer's heartbeat monitoring system," Engineering Research Journal (E.R.J) Shoubra Faculty Of Engineering, 2020.

**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.