


Curriculum Vitae

Dr. Emad Saeid Mohammed Hassan	
<p style="text-align: center;">Academic Rank Assistant Professor</p>	
<p style="text-align: center;">Education</p> <ul style="list-style-type: none">• PhD, Electrical Communications, Menoufia University, Egypt & UK, (2007-2010).• Master of Science, Electrical Communications, Menoufia University, Egypt (2004-2006).• Bachelor of Science, Electronics and Electrical Communications, Menoufia University, Egypt (1998-2003).	
<p style="text-align: center;">Academic Experience</p> <ul style="list-style-type: none">• Jazan University, College of Engineering, Department of Electrical Engineering, KSA, Assistant Professor, (2011 - now), Full time.• Menoufia University, Faculty of Engineering, Egypt, Assistant Professor, (2010-2011), Full time.• University of Liverpool, Faculty of Engineering, UK, Lecturer, (2008-2009), Full time.• Menoufia University, Faculty of Engineering, Egypt, Lecturer, (2007-2010), Full time• Menoufia University, Faculty of Engineering, Egypt, Teaching Assistant, (2003-2007), Full time.	
<p style="text-align: center;">Non-academic Experience</p> <ul style="list-style-type: none">• None	
<p style="text-align: center;">Certifications or Professional Registrations</p> <ul style="list-style-type: none">• None	
<p style="text-align: center;">Current Membership in Professional Organizations</p> <ul style="list-style-type: none">• None	
<p style="text-align: center;">Honors and Awards</p> <ul style="list-style-type: none">• Received Egyptian Encouragement State Award, Egypt, 2019.• Received Prince Mohammed Bin Naser Award for Excellence and Innovation, Innovations and Scientific Projects Branch, Jazan University, KSA, 2014• Received best paper award during the 30th NRSC-2013 conference, the National Telecommunication Institute (NTI), Egypt, 2013.	
<p style="text-align: center;">Recent Publications and Presentations</p> <ol style="list-style-type: none">1. “Blind signal separation with Noise Reduction for efficient speaker identification,” E. S. Hassan , International Journal of Speech Technology, vol. 24, no. 1, pp. 235-250, 2021.2. “Performance enhancement routing protocols for heterogeneous WSN,” E. S. Hassan, et al., International Journal of Communication Systems, 2020.3. “Deployable Linear-to-Circular Polarizer using PDMS Based on Unloaded and Loaded Circular FSS Arrays for Pico-Satellites,” E. S. Hassan, et al., IEEE Access, 2019.4. “Adaptive Threshold to Guarantee both Detection and False Alarm Probabilities in Multi-taper-based Spectrum Sensing,” E. S. Hassan, et al., Journal of the Franklin Institute, 2019.5. “Trade-off between Self-healing and Energy Consumption in Mobile Unattended WSNs,” E. S. Hassan, et al., IET Information Security, 2018.	

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6. "New Multi User MIMO-OFDM based Power Line Communication Structure with Hardware Impairments and Crosstalk," E. S. Hassan, et al., IET Communications, vol. 11, no. 9, pp. 1466-1476, 2017.
7. "Performance analysis of relay-assisted CoMP transmissions with non-ideal transceiver," E. S. Hassan, et al., IET Communications, vol. 11, no. 2, pp. 232-241, 2017.

Book:

1. "Multi-Carrier Communication Systems with Examples in MATLAB: A New Perspective, E. S. Hassan, CRC Press, Taylor & Francis, ISBN 9781498735322, 2015.
2. "Security and Data Reliability in Cooperative Wireless Networks," E. S. Hassan, et al., CRC Press, Taylor & Francis, ISBN 9781138092792, 2018.

Research Accounts

- **Google Scholar:** https://scholar.google.com/citations?user=WJ_sbIoAAAAJ&hl=en
- **Research Gate:** https://www.researchgate.net/profile/Emad_Hassan6
- **Scopus:** <https://www-scopus-com.sdl.idm.oclc.org/authid/detail.uri?authorId=35147962800>

Service Activities

- NCAAA committee Member, Department of Electrical Engineering, Jazan University, 2014-2018.
- ABET committee Member, Department of Electrical Engineering, Jazan University, 2016-Till Date.
- Postgraduate Curriculum committee member, Department of Electrical Engineering, Jazan University, (2014-2016).
- Coordinator of Department, College of Engineering, Department of Electrical Engineering, Jazan University, (2014-2017).

Recent Development Activities

1. Seminar on ABET accreditation requirements, (2 Hr), Monday 2nd September 2019.
2. Workshop on ABET accreditation Standards, (2 Hr), Monday 7th October 2019.
3. Seminar on Rubrics Assessments, (3 Hr), Monday 27th October 2019.
4. Workshop on Graduation projects & Summer training KPIs, (2.5 Hr), Thursday 26th November 2019.
5. Workshop on Preparing Course file, (1.5 Hr), Tuesday 28th November 2019.
6. Workshop on Surveys analysis, (3 Hr), Tuesday 5th December 2019.
7. Seminar on Preparing Self-Study Report, (3 Hr), Tuesday 21st December 2019.
8. Workshop on Exam Template specifications and design, (1.5 Hr), Monday 23th February 2020.
9. Workshop on Exams based Course Learning Outcomes, (2.5 Hr), Monday 24th February 2020.
10. Workshop On the pre Rubric KPIs, (2 Hr), Monday 2nd December 2019.
11. Seminar on Integrated Course design, (3.5 Hr), Tuesday 4th February 2020.
12. Workshop on Program Learning Outcomes Assessment, challenge, and achievement, (3 Hr), Monday 27th January 2020.