



Name: Eng. Hania Ghazi El Kanj
Rank: Instructor – Electrical Engineering

Personal Information

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| Nationality: | Lebanese |
| ACK Joining Date: | 01 Mar 2010 |
| E-Mail Address: | h.baitie@ack.edu.kw |

Professional Information

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| Education: | <p> Qualification: Masters Major: Management College/University: Maastricht University Year: 2013/2014 </p> <p> Qualification: Bachelor of Engineering Major: Electrical Engineering College/University: Beirut Arab University Year: 2004/2005 </p> |
| Specialization: | Communications and Electronics Engineering |
| Current Academic Position: | Instructor – Electrical Engineering |
| Current Professional Positions: | <ul style="list-style-type: none"> • Active member of the “Ordre des Ingénieurs et Architectes, Liban” , Tripoli-Lebanon ID #: 5539 • Active member of the BAU committee for graduates, Tripoli- Lebanon ID #: 258 |
| Previous Administrative Position Held: | <ul style="list-style-type: none"> • Computer Administrator, Bekdash Company, Beirut-Lebanon, (2005) • Technical Engineer, Cable Vision, Beirut-Lebanon (2004) • Technical Engineer, Inteltec, Beirut-Lebanon (2004) • System Engineer, OGERO, Beirut, Lebanon (2003) • Computer Systems Engineer, ACICO, Tripoli, Lebanon (2002) |
| Previous Academic Positions Held: | <ul style="list-style-type: none"> • Teaching Assistant, , Australian College of Kuwait, Mishref-Kuwait (2014-2018) • Lab Engineer, Australian College of Kuwait, Mishref-Kuwait (2010-2014) • Lab Instructor, Lebanese International University, Tripoli-Lebanon (2008-2010) • Instructor, Lebanese International University, Tripoli-Lebanon (2007-2010) • Lab Instructor, Manar University Of Tripoli, Tripoli-Lebanon (2006-2010) |

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| | <ul style="list-style-type: none"> • Instructor, Jinan University Of Tripoli, Tripoli-Lebanon (2005-2010) |
| Fellowships And Honors: | <ul style="list-style-type: none"> • Member of Kuwait Society of Engineers, ID #: 39348 • IEEE member, ID #: 41536779 • Member of the “Ordre des Ingénieurs et Architectes, Liban”, Tripoli-Lebanon ID #: 5539 • Member of the BAU committee for graduates, Tripoli- Lebanon ID #: 258 • Member of the INJAZ –Lebanon committee, Beirut-Lebanon |
| Teaching Experience: | <ul style="list-style-type: none"> • Instructor, Australian College of Kuwait, Mishref-Kuwait (2018-To Present) • Teaching Assistant, Australian College of Kuwait, Mishref-Kuwait (2014-2018) • Lab Engineer, Australian College of Kuwait, Mishref-Kuwait (2010-2014) • Lab Instructor, Lebanese International University, Tripoli-Lebanon (2008-2010) • Instructor, Lebanese International University, Tripoli-Lebanon (2007-2010) • Lab Instructor, Manar University Of Tripoli, Tripoli-Lebanon (2006-2010) • Instructor, Jinan University Of Tripoli , Tripoli-Lebanon (2005-2010) |
| Industrial And Technical Experience: | <ul style="list-style-type: none"> • Computer Administrator, Bekdash Company, Beirut-Lebanon, (2005) • Technical Engineer, Cable Vision, Beirut-Lebanon (2004) • Technical Engineer, Inteltec, Beirut-Lebanon (2004) • System Engineer, OGERO, Beirut, Lebanon (2003) • Computer Systems Engineer, ACICO, Tripoli, Lebanon (2002) |
| Research Interest: | <ul style="list-style-type: none"> • Communications and Electronics • Management Systems • Renewable Energy • Learning Management Systems |
| Research Grants: | <ul style="list-style-type: none"> • KFAS Research Grant, Project leader and principal investigator / Joint research project: ACK with Nigde Omer Halisdemir University, Turkey (Dr. Ayse Topal). Entitled: Effect of Energy Efficient Technologies and Energy Literacy Interventions on the Energy Efficiency at Academic Building in Kuwait. Duration: October 01, 2019 – September 30, 2021 (24 months). Value of Grant: 9,075 KD. |
| Research and Publications including Journal s and Books: | <p><u>Journal papers:</u></p> <ol style="list-style-type: none"> 1. “A Framework for the Impact of Human Factors on the Effectiveness of Learning Management Systems”, in IEEE Access, vol. 8, pp. 23542-23558, 2020, doi: 10.1109/ACCESS.2020.2970278. 2. "A simple Phase Shifting technique for Injection Locked Oscillator", Journal of Engineering, Technology & Applied Science Research, December 2016. 3. VHDL-AMS BASED MODELING OF SICSchottky DIODE, Journal of Electrical Engineering, March 2015 Volume. 4. Solar Photovoltaic Trends and Challenges in Kuwait, International |

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| | <p>Journal of Engineering and Technical Research (IJETR), ISSN: 2321-0869, Volume-2, Issue-9, September 2014.</p> <p><u>Book chapters:</u> N/A</p> <p><u>Theses:</u></p> <ol style="list-style-type: none"> 1. Study on the human related factors that impact the effectiveness of learning management systems implemented in Kuwait, May 2014. 2. BLUEAR, Implementing a lecture room for hearing impaired students, May 2005. |
| <p>Paper Presentations at Professional Conferences:</p> | <p><u>Conference papers:</u></p> <ol style="list-style-type: none"> 1. "Tablet-Aided Lecturing Effectiveness: Case of the Australian College of Kuwait", Proceedings of the 16th International CDIO Conference, Chulalongkorn University & Rajamangala University of Technology Thanyaburi, Bangkok, Thailand, June 9-11, 2020. 2. "A Robust Approach to Remediate Failures of Hall Effect Sensors in BLDC Motor", International Conference on Sustainable Mobility Applications, Renewables and Technology (SMART), November 2015. 3. "Investigation and Sizing of a Solar Power Station at the Australian College of Kuwait", Tenth International Conference on Ecological Vehicles and Renewable Energies (EVER), March 2015. 4. Review of Smart Grid Systems' Requirements, Tenth International Conference on Ecological Vehicles and Renewable Energies (EVER), March 2015. |
| <p>College Service including committee Membership:</p> | <p><u>College Service:</u></p> <ul style="list-style-type: none"> • Published ACK ELEC Newsletter, Issue 1 • Supervised ACK students to participate efficiently in Kuwait's National Robotics Competition held at KU • Contributed towards establishing and organizing the first training workshop at ACK Robotics Club • EE department representative at ACK Open Day 2016 • Contributed to the process of earning Engineers of Australia Accreditation 2012 and 2018 • Contributed to the process of earning ISO 9001 standards at SOE level • Participated in the process of updating ACK website (SOE homepage) • Participated in the process of student advising since 2014 • Established Kids Reading Club, 2019 • Electrical Engineering Instructor in the virtual engineering camp, 2020 <p><u>Committee Membership:</u></p> <ul style="list-style-type: none"> • Member of the committee established to publish the Engineering Year Book 2017-2018 • Member of the organizing committee at student's graduation project exhibition 2015 • Member of the organizing committee at SMART 2015 conference • Chairperson of the Auditing and Q&M committee in the Electrical Engineering Department • Member of the Activities and Events committee • Member of the Lab committee • Member of the Accreditation and Audit Committee in the School of Engineering |

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| <p>National Service:</p> | <ul style="list-style-type: none"> • Supervised ACK students to participate efficiently in Kuwait's National Robotics Competition held at KU • Contributed towards establishing and organize the first training workshop at ACK Robotics Club that was open for school students • Member of the organizing committee at SMART 2015 conference • EE department representative at ACK Open Day 2016 • Co-Coach for ACK students at Kuwait Collegiate Programming Competition 2018-2019 • Established Kids Reading Club, 2019 • Electrical Engineering Instructor in the virtual engineering camp, 2020 |
| <p>School Committees:</p> | <ul style="list-style-type: none"> • Member of the auditing committee in the SOE • Contact person between SOE and strategic plan team for KPI follow up • Contact person between SOE and QAA for all auditing and accreditation processes • Member of the Engineer's Australia Accreditation Committee |