Nassim A.H Iqteit

Assistant Professor

Electrical Engineering

(Integration of Renewable Energy Resources with Smart Electrical Distribution Networks)

PERMANENT ADDRESS:

- College of Engineering & Technology
  Palestine Polytechnic University (PPU), Hebron – Palestine
  P.O.Box 198

- Mobile:+972598012696
  Email: nassim_eng83@ppu.edu, nassimiqteit@gmail.com.

PERSONAL INFORMATION

- **Name** : Nassim A.H Iqteit
- **Nationality** : Palestinian
- **Residence** : Hebron-Palestine
- **Date Of Birth** : 23 march 1983
- **Place of Birth** :Hebron
- **Marital status** : Married

EDUCATION

- Aug-2006 Graduated from Palestine Polytechnic University-Hebron-Palestine
  - B.Sc. Electrical Eng. Industrial automation branch.
  - Excellent Degree

- November 2010 Graduate from yarmouk university-Irbid-Jordan
  - M.Sc in Electrical Power Engineering
  - Excellent Degree
  - Thesis title: **A GENARAL MATHMATICAL MODEL FOR TRANSIENT AND STEADY STATE ANALYSIS OF A THREE PHASE SELF EXCITED INDUCTION GENARATOR (SEIG) FEEDING SINGLE PHASE LOADS.**

- August 2018 Graduate from Kocaeli University-Turkey.
  - Doctorate in Electrical Engineering
  - Excellent Degree
  - Thesis title: **OPTIMAL INTEGRATION AND DEVELOPMENT OF CONTROL STRATEGY TO MINIMIZE POWER LOSSES IN SMART DISTRIBUTION GRIDS USING DISTRIBUTED ENERGY RESOURCES (DERs).**

AWARDS RECEIVED

- **2008** - A scholarship awarded by Islamic Development Bank (IDB) Group to attain the M.Sc. Degree in Electrical Power Engineering at yarmouk university-Irbid-Jordan.
- **2013**-A scholarship awarded by Turkey scholarship to attain the Doctorate Degree in Electrical Engineering at Kocaeli University – Turkey.

EMPLOYMENT EXPERIENCE

2018 - Currently Palestine Polytechnic University, Hebron, Palestine
- ✓ Lecturer in the Department of Electrical Engineering (*Assist. Prof*.)

2011- 2013 Palestine Polytechnic University, Hebron, Palestine
- ✓ Lecturer in the Department of Electrical Engineering (*Lecturer ,MSc*)

2006-2009 Palestine Polytechnic University, Hebron, Palestine
- ✓ Supervisor of Industrial Application Lab in the Department of Electrical and Computer Engineering. (*Research assist. & lab supervisor, BSc*.)

TEACHING EXPERIENCE

- Electrical distribution system
- High voltage engineering
- Numerical analysis and simulation
- Power system analysis
- Mathematical applied for electrical engineering
- Energy auditing and energy conservation.
- Electrical machine I & II
- Electrical Drive.
- Electrical circuit I &II
- Signals and system.
- Applied electricity.
- Applied electronics.
- Labs of PLC, electrical circuit, electronics, power electronics.

PUBLICATIONS

[1] N. A. Iqteit, K. Yahya, "Simulink model of transformer differential protection using phase angle difference based algorithm" International Journal of Power Electronics and Drive Systems 11(2):1088-1098 · June 2020.

[2] N.A. Iqteit , G. Kurt , B. Çakır "Optimal range of loading for operating a fixed-speed wind Turbine using a self-excited induction generator", Turk J Elec Eng & Comp Sci., vol. 27 pp. 973 – 984, 2019.

[3] N.A. Iqteit, Ak. Daud "A New Model of Self-Excited Induction Generator (SEIG) to Feed a Single Phase Load with an Application in Lighting Animal Farm". Int. J. Power and Energy Conversion; Vol. 10, No. 1, pp.32–50, 2019.

[4] N. Iqteit, A. Basa Arsoy and B. Çakir, "A time-varying load-based analytical approach for DG optimization in the distribution network", International Transactions on Electrical Energy Systems, vol. 29, no. 4, p. e2783, 2018. Available: 10.1002/etep.2783.

[5] NA. Iqteit, A. Basa Arsoy, B. Çakır, "Load Profile-Based Power Loss Estimation for Distribution Networks", Electrica, vol. 18, no: 2, pp. 275-283, 2018.

[6] Y.N. Anagreh,, N.A. Iqteit, S.F Mohammad, "Performance analysis of a new configuration of three- phase self-excited induction generator feeding a single-phase load", Int. J. Power and Energy Conversion, Vol. 4, No. 2, pp.167–181, 2013.

[7] NA. Iqteit, AB. Arsoy, B. Çakir, "A simple method to estimate power losses in distribution networks". Proc. of 10th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey 2017: 135-140.

[8] N.A. Iqteit, AK. Daud, "Design A Stand- Alone Generating System to Lighting Animal Farm Using Self Excited Induction Generator", Palestine Polytechnic University Third International Conference onEnergy and Environmental Protection in Sustainable Development (ICEEP III), October 9-10, 2013, Hebron, Palestine.

[9] Khalid Yahya, **Nassim A. Iqteit**, Ibrahim Alhamrouni, Mohamed Salem, Mehmet Zeki BİLGİN, "Enhancing the Performance of the INC Algorithm using Kalman Filter for Thermoelectric Energy Harvesting System (THES) ".May 2020 Test Engineering and Management, Vol. 83, 2156-2162, 2020.

[10] N Iqteit, K Yahya, "Improvement the Efficiency of Distribution Network Using an Efficient Lighting System of Streets " Energy Efficiency and Sustainable Lighting-a Bet …, 2020 - intechopen.com. DOI: 10.5772/intechopen.88959. (Chapter in book).

[11] N Iqteit, K Yahya, SA Khan, "Wireless Power Charging in Electrical Vehicles", IntechOpen,2021. (Chapter in book).

[12] K Yahya, M Salem, N Iqteit, S Ahmad Khan, "A Thermoelectric Energy Harvesting System ", Resources, Challenges and Applications,2020. (Chapter in book).

TRAINING COURSES

- 2012 –low voltage system design and protection –training of trainers- in Schneider electric –(35 hours).
- 2011-Training program on Designing and implementing solar energy based livelihood projects for rural communities/ place : TERI-New Delhi-India/ (180 hours)
- 2011- Training of trainer in Energy Management and Energy Auditing-Organized by AWEP-Ahli hospital wind Energy Project and University Twente (Duration-50 hours).

- 2008- Training in Industrial Automation (PLC networking & Supervision)- Organized by IUT- CACHAN, Paris-Sud 11 University and Palestine Technical University (Duration-35 hours).
- 2019- Numerical simulation, Arab-German Young Academy, (80 hours)

LANGUAGES

- Arabic
- English
- Turkish