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Education:

P.H.D 2016 Electrical Engineering (communication) Anadolu University (turkey).

P.H. D. Thesis title: Optimal Energy Efficient Sensor Network Design

M.Sc. 2010 Jordan University of Science and Technology. Irbid

. Jordan

Master Thesis Title “Analysis of Shielding Effectiveness’ of

Chambers to Reduce Interaction of Transmitter Stations

with Humans by Finite Element Method “.

B.Sc. 2000 An-Najah University, Nablus, Palestine

Electrical Engineering

Tawjihi 1995 – Tubas Secondary school

Publication:

1. A New Energy Efficient Clustering-based Protocol for Heterogeneous Wireless Sensor Networks, Electrical & Electronic Systems (2015) , <http://dx.doi.org/10.4172/2332-0796.1000161>

2. Improved Cluster Head Selection for Energy Efficiency in Wireless Sensor Networks (2016) .

Conferences: 1. 2016 9th International Conference on Computer and Electrical Engineering (ICCEE 2016) Barcelona, Spain December 7-11, 2016

**EXPERIENCE:**

2011 – (17-01 -2011 - 25-2-2011) Mobile Technologies and Services (India)

2007-2008 Jordan University of Science and Technology Lab. supervisor (Measurement Lab)

2002 – until now Palestine Technical University (PTU), Tulkarm-palestine

Course taught: Taught several undergraduate materials including

- Circuits, Electromagnetic, Electronics
- Optical Fiber
- Digital Communication, Mobile communication, wireless communication, RADAR.

June.2000 – oct.2001 NABCO Company

**DUTIES:** Electrical installations, control of electrical power for electric motor drive systems and industrials control, generation, transmissions and distributions of electric powers

Languages: English and Turkish