

# Eng. Ola Subhi Waheed Badran



## Personal Details

<b>Place and Date of birth:</b>	Jordan - Amman July 1, 1985
<b>Nationality:</b>	Palestinian
<b>Marital status:</b>	Married
<b>Current Address:</b>	Malaysia, 43300 Selangor, Jalan SP5/5, Skyvillas, Block A, 7 Floor, 8 Apartment
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## Educational Background

<b>2010-2012</b>	<b>M.Sc.</b> , An-Najah National University, Nablus, Palestine (Clean Energy Engineering and Conservation of Consumption), (Grade: Excellent 3.7/4)
<b>2003-2008</b>	<b>B.Sc.</b> , Palestine Technical University-Kadoorie (PTUK), Tulkarm, Palestine (Bachelor of Technology – Electrical Eng), (Grade: Excellent), <b>First Grade</b> in Electrical Engineering Department: 92.6%

## Employment History

<b>9/2014-Till now</b>	PHD student and Research Assistant in University of Malaya
<b>8/2013-9/2014</b>	(M.Sc.) Lecturer, Palestine Technical University-Kadoorie (PTUK) P.O. Box 7, Tulkarm, West Bank, Palestine
<b>3/2009-8/2013</b>	(Eng.) Supervisor, Graduate Project Lab, Palestine Technical University-Kadoorie (PTUK) P.O. Box 7, Tulkarm, West Bank, Palestine

## Publications

**Ola Al-Qasem**, Jafar Jallad. Experimental Characterization of Lead – Acid Storage Batteries Used in PV Power Systems and Mathematical, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 3, Issue 4, April 2014.

Basim Alsayid, Jafar Jallad, Muhammad Dradi and **Ola Al-Qasem**, Automatic Irrigation System with PV Solar Tracking, Int. JLatest Trends Computing, Vol.4, No.4, December 2013.

## Conferences

**Ola Al-Qasem**, Jafar Jallad and Muhammad Dradi. Med Solar Project by EUROPEAN UNION in An-Najah National University on 1/7/2013

## Workshops

- “**SmartStruxure Solution**” (January 11-15, 2014) Palestine Polytechnic University (PPU) – Hebron, Palestine in Cooperation with Schneider Electric
- “**Signal Processing and Control with DSP**” (April 10-14, 2010) Palestine Technical University (PTU) – kadoorie – Tulkarm, Palestine in Cooperation with IUT CACHAN,

- Paris – Sud 11 University, Palestine
- “**AutoCAD**” (40 hours, 2000), Continuing Education Department (CED), Palestine Technical University (PTU) – kadoorie
- “**P.L.C. Industrial Application**” (60 hours, 2008), Continuing Education Department (CED), Palestine Technical University (PTU) – kadoorie, Palestine
- “**Electrical Installation and Control System**” (Aug 29- Sep 15, 2007), Engineering Association-Jerusalem Center-Engineers Training Center, Tulkarm, Palestine

## Research

**Membership of a solar Energy research project** which is a corporation project between Palestine technical University and Cachan University from France

## Teaching and Research Interests

- Programmable Logic Controller (PLC)
- Protection Control Devices
- Digital Logic and Digital Electronic
- Electronics
- Printed Circuit Board (PCB) Lab
- Electronics Lab
- Clean Energy resources
- Energy Conservation
- Storage Batteries

## Honors

- Each year from 2003 to 2008 I have honor because I get the **First Grade** in Electrical Engineering Department
- Each year from 2010 to 2012 I have honor because I get excellent **Grade** in Clean Energy Engineering and Conservation of Consumption in master program

## Languages

<b>Arabic</b>	Native language
<b>English</b>	Conversation, reading and writing

## Engineer and Computer Software's

- ✓ Electronics Workbench Program and Multisim
- ✓ Power simulation
- ✓ Circuit Maker
- ✓ PLC Ladder Logic Software
- ✓ Proteus Professional
- ✓ SCADA
- ✓ PSpice
- ✓ C++
- ✓ Printed Circuit Board (PCB)
- ✓ Microsoft Office
- ✓ Altium Designer
- ✓ Auto Cad
- ✓ Internet Explorer Application
- ✓ MATLAB

## Recommendation Letters

- Prof. Dr. Marwan M. Mahmoud** Electrical Engineering Department, An-Najah National University, Nablus, P.O.BOX: 721, Palestine, PhD in Power Electronics and Electric Energy Systems, Swiss Federal University of Technology (ETH-Zuerich), Switzerland June 1982 [marwanmahd@yahoo.com](mailto:marwanmahd@yahoo.com), 00972-599 288 263
- Assist.Prof. Dr. Mutamed Alkhatib** Dean of the College of Engineering and Technology, Palestine Technical University-Kadoorie, Mobile:00970599869452, tel:0097092329304, Email: mutamed@yahoo.com
- Assoc. Prof.Dr. Basim** Electrical Engineering Department, Palestine Technical University, Tulkarm, P.O.BOX: 7, Palestine, PhD in Analysis and implementation of digital control techniques for synchronous motor drives, Bologna University, Bologna , Italy March 2000 [basimbo@yahoo.com](mailto:basimbo@yahoo.com), 00972-599 374 999