

AL-Anbar-Ramadi

Iraq

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### Profile

- ✓ Achieved first class in BSc Electrical Engineering and the First top student in BSc
- ✓ Published an Academic Papers in International Journal
- ✓ Bilingual in English and Arabic.

### Education

#### **2008-2012BSc in Electrical Engineering (4 Years) / University of Al-Anbar - Iraq**

Overall Average (88.57/100) – First top student out of 42.

The project of my undergraduate was "performance study and analysis of photovoltaic models based on a solar model tester". We evaluated the performance of existing model in renewable energy research Unit at the University of Anbar-Iraq. One-diode equivalent circuit is employed in order to investigate I-V and P-V characteristics of typical 130W (Solara PV) and 100W (sunworth PV) solar modules. The model is able to simulate both the I-V and P-V characteristic curves and it is used to study different parameters variations that can effect on the PV array performance including operating temperature, diode quality factor, series resistance, and solar irradiance level.

#### **Modules:**

<u>First Year</u>	<u>Second Year</u>	<u>Third Year</u>	<u>Fourth Year</u>
Mathematics I	Electrical Machines I	Electronics II	Control System
Fund. of Computer Sci.	Numerical Methods	System Analyses	Electronics III
Fund. Of Electrical Eng.	Theory of Elec.Fields	Electrical Power I	Electrical Power II
Electronics Physics	Electronics I	Electrical Machines II	Power Electronics
Digital Techniques	Electrical Circuits	Computer Networks	Microprocessor
Eng. Drawing	Mathematics II	Engineering Statistics	Eng. Project
Fund. of Eng. Mechanics	Computer Architecture	Commun. and Noise I	Communications II
Elec. Eng. Laboratory	Elec. Eng. Laboratory	Elec. Eng. Laboratory	Elec. Eng. Laboratory

### Certificates, Softwares and Languages

**Certificates:** I received a certificate in a training course "Introduction to solar cell systems" from Edraak with University of Delft.

**International English Language Testing Scheme Certificate - (IELTS) = 5**

**Software** -Microsoft Office, Power Point, Excel, MATLAB, MULTISIM

**Languages** -English: intermediate

- Arabic (Native)

### Research and Publication

#### **I.J. Information Technology and Computer Science, 2012, 7, 1-10**

“Performance Evaluation of Photovoltaic Models Based on a Solar Model Tester”