

## CURRICULUM VITAE

Bahaa A. Z. Abojams - Electrical Engineer

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### **Objectives**

I am looking for dedicated my knowledge and experiences in the technical and theoretical skills to work in electrical engineering department and help the institute and students using both traditional and modern techniques that I can approaches and interactive with another institute to exchange the knowledge.

### **professional competent:**

- Control system development.
- micro grid.
- Smart grid
- Power electronics system design and analysis
- Digital system design and analysis
- industrial control and scada system
- Electrical machines and drive system

## Education

- B.Sc. Electrical Engineering, Palestine Technical University, Palestine.2009\_2013. Average 83.1 Evaluation: Very Good.
- Graduation Project  
Power factor correction by adding the capacitor bank in Tulkarm electrical network and add the suitable protection devices using Etap program, and A study on the SCADA systems how can apply it on the network.
- M.Sc. of electrical engineering concentration of power, Birzeit University, 2016-2018. Average 83.3, Evaluation : Very Good
- Publication papers: “**A Multi-Function Current Controller for a Virtual Synchronous Generator**” , SPEEDAM 2020, Italy
- Tawjihi, Scientific Stream, Alfadeliieh School, Tulkarm, Palestine. Average 82.3. Evaluation: Very Good.

## Courses in this areas:

- Introduction to Battery Management System.
- Nanotechnology: A Maker’s Course
- Power Electronics course
- engineering drawing using AUTOCAD program
- English conversation cycle

- Stakeholder Training on VR Technologies Workshop

**Program used and Skills :**

- Microsoft Office package.
- MATLAB program.
- Multisim program.
- SCADA programs
- PLC programmer
- AUTOCAD program.
- Using electrical simulation program like etap, power world simulation.
- Ability using drawing program like ISIS
- Industrial automation and control panel.
- Used and programmer of the plc's and micro controller
- Very good lingual and written communication skills.
- Research, writing and analytical skills
- Management skills (planning, control & supervisory)
- Teamwork skills
- Ability to Work under pressure
- Scouting.
- Working oversea

## **Experiences**

- Lecture and head of industrial automation department at modern university college (MUC) from 1.1.2020 until now.
- Outsource industrial control system projects.
- Engineering lecture - Palestine Technical University Kadoorie in the College of Engineering and Technology from 1.9.2022 until now.
- One-year technical lecture in Abu Dhabi Vocational Education & Training Institute, Abudhbi, UAE.
- One-month internship in ESTIA institute/ France.
- Lecturer (teacher assistant) as part time in Palestine Technical University Kadoorie in the College of Engineering and Technology from 1.9.2014 until now.
- One semester as part time lecturer in the College of Palestine Technical Community in the Palestine Technical University- Kadoorie.
- Industrial engineering at al AL-Islamia company.
- Trainer of Electrical Engineering Courses from 1.9.2013 until now.
- 7-mounth Site Engineering in the United Electromechanical Engineering Office.

## **Material that I teach:**

- Programmable logic controller (PLC).
- Advance programmable logic controller (PLC2).
- Engineering circuit analysis 1.
- Engineering circuit analysis 2.

- Digital electronics and design of the logic circuit
- Pneumatic and hydraulic system
- Micro Controller
- Measurement Lab
- Electronics.
- Power electronics.
- AC. And DC Motor drives
- Engineering drawing

### **Languages**

- 1 Arabic: Mother language
- 2 English: Excellent reading and writing, very good conversation ,ILETS test

### **Personal Data**

Date of birth: 10<sup>th</sup>march 1989

Place of birth: Tulkarm/Palestine

Gender : Male

Marital status: married

Nationality:

Palestinian **References**

1. DR. Mahrran Quraeen.

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2. DR. Mutamed Khatib

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