

# MOHAMED ISMAIL NASSEF

## ELECTRICAL POWER & ENERGY INSTRUCTOR - ENGINEER



### Personal Information:

- **Date Of Birth:** 10/11/1987.
- **Marital Status:** Single.
- **Military Service:** Exempted.
- **Nationality:** Egyptian.
- **E-Mail:** mohamed.nassef@aast.edu; nassef@ieee.org; mohamed.nassef@yahoo.com.
- **Address:** 4 Kafr Abdo Street - Roushdy (21311) - Alexandria.
- **Mobile Number:** (002 – 01225869363).

### Objective:

- To work within a competitive and yet stimulative working environment; which reflects out the best of me, in order to contribute into my working place and hence make myself a better engineer and researcher.

### Experience:

- **Arab Academy For Science & Technology** – Alexandria – Egypt. **September 2010-Present**  
Teacher Assistant at the Electrical Engineering Department. Instructor of electrical power systems, energy and circuit analysis.  
General academic advisor – Head of registration system – Final exams committee.  
Awarded best teacher assistant in the college of engineering and technology – 2014.

### Education:

- **Arab Academy For Science & Technology** – Alexandria – Egypt. **2015**  
Masters in Electrical Engineering.  
**Thesis title:** Bi-directional power management over distributed generation battery-less AC/DC hybrid micro-grids.
- **Arab Academy For Science & Technology** – Alexandria – Egypt. **2005-2010**  
Bachelor - Graduate Of The Electrical Power And Control Engineering Departement.  
College Of Engineering & Technology.  
**GPA: 3.82 "EXCELLENT WITH HONOR" – Ranked First Of The Class For 7 Successive Terms.**
- **College Saint Mark** – Alexandria – Egypt. **1992-2005**  
French School.

## Publications:

- Battery-less hybrid micro-grid power management using bi-directional three phase power converter (ICDCM – Atlanta, USA 2015).
- DSP-Based Simple Technique for Synchronization of 3 phase Alternators with Active and Reactive Power Load Sharing (ICEMS – Tokyo, Japan 2016).
- Bi-directional power management over distributed generation battery-less AC/DC hybrid micro-grids (in process).

## Internships and Trainings:

- **PPC: Public Power Corporation Of Greece.** **SUMMER 2009**  
**Nature Of Internship:** Working in the electrical department of the south fields of Ptolemaida; team of maintenance and control process of conveyors system; which works on feeding the power stations with the required coal and lignite.
- **ANRPC: Alexandria National Refining And Petrochemicals Company.** **SUMMER 2008**  
**Nature Of Training:** Working in the electrical power substation which is responsible to deliver required power to the whole company from the outer main power grid.

## Other Informations:

- **Languages:**

**Arabic:** native language.

**English:** excellent, written and spoken (IELTS Academic – Score: 6.5).

**French:** excellent spoken, very good written (DEL F 1<sup>er</sup> Degree, DEL F 2<sup>eme</sup> Degree).

- **Computer and software skills:**

Matlab software.

Able to program Texas Instruments DSP kits.

Very good to implement printed circuit boards (PCB).

DiaLux lighting design program.

Very good computer skills and MS Office skills (ICDL Certified).

- **Memberships:**

IEEE (Power & energy, power electronics, industrial electronics, industrial applications, consumer electronics, circuits and systems societies).

- **Visited countries:**

Kuwait – Greece – Saudi Arabia – France – Spain – Japan.

- **Hobbies:**

Reading – listening to classical music – exploring new places.

**\*\*Any requested documents are prepared and sent by email or hardcopy upon request.\*\***

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