

MOHAMED ISMAIL NASSEF

ELECTRICAL POWER & ENERGY INSTRUCTOR – ENGINEER

PHD RESEARCHER IN INDUSTRIAL POWER ELECTRONICS



Personal Information:

- **Date Of Birth:** 10/11/1987.
- **Marital Status:** Single.
- **Military Service:** Exempted.
- **Nationality:** Egyptian.
- **Current Status:** Resident of Spain - Authorised to work.
- **E-Mail:** mohamed.nassef@yahoo.com; nassef@ieee.org.
- **Address:** Calle Leñeros 30, 28039 - Madrid - Spain (Current).
4 Kafr Abdo Street, 21311 - Roushdy, Alexandria - Egypt.
- **Mobile Number:** (+34)685654707 – (+2)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

- Tecnico Doctoral - Centro de Electronica Industrial - Universidad Politecnica de Madrid. **2-2020 to 1-2022**
- Freelance Broker/Analyst in Stock Market - PhD Researcher. **3-2020 to present**
- **Arab Academy For Science & Technology** – Alexandria – Egypt.
Teacher Assistant in the Electrical Engineering Department. **9-2010 to 10-2018**
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:

- **Universidad Politecnica de Madrid** – Escuela Tecnica Superior de Ingenieros Industriales – Centro de Electronica Industrial.
PhD in Industrial Power Electronics. **2-2019 to Present**

- Arab Academy For Science & Technology – Alexandria – Egypt. 2015
Master of Science in Electrical Engineering.
Thesis title: Bi-directional power management over distributed generation battery-less AC/DC hybrid micro-grids.
GPA: 3.58 "EXCELLENT WITH HONOR"
- 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 Salesian 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 DG Battery-Less Hybrid Micro-Grids (Published Book – Noor Publishing – EU 2019).

Internships and Trainings:

- PPC: Public Power Corporation Of Greece. SUMMER 2009
Nature Of Internship: Working in the electrical departement 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 Information:

- Languages:
Arabic: native language.
English: excellent, written and spoken (IELTS Academic – Score: 7.0).
French: excellent spoken, very good written (DELTA 1^{er} Degree, DELTA 2^{eme} Degree).
Spanish: Well spoken and written (B1.1).

- **Computer and software skills:**

Matlab software.

Programing Texas Instruments DSP kits.

Familiar with C and C++ coding languages.

Implementation of printed circuit boards (PCB).

DiaLux lighting design program.

Excellent Computer and MS Office skills (ICDL Certified).

- **Memberships:**

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

- **License:**

Spanish EU Driving license (B) - private car.

- **Visited countries:**

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

- **Hobbies:**

Reading – Traveling – listening to classical music – exploring new adventures.

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