

## ***YEHIA GAD ABUELMAATY MANSOUR***

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### **Personal Data:**

\* **Gender** : Male.  
\* **Date of Birth** : July 2<sup>nd</sup>, 1992.  
\* **Place of Birth** : Cairo, Egypt.  
\* **Nationality** : Egyptian.

### **Education:**

#### **\* Undergraduate Studies:**

**Place** : Electrical Power and Computer Control, Faculty of Engineering,  
Arab Academy for Science, Technology & Maritime Transport,  
Cairo, Egypt.

#### **Grades** :

\* **Prep.** : Excellent  
\* **1<sup>st</sup> Year** : Excellent  
\* **2<sup>nd</sup> Year** : Excellent  
\* **3<sup>rd</sup> Year** : Excellent  
\* **4<sup>th</sup> Year** : Excellent  
\* **Total** : Excellent with Honour Degree

**Project** : Application of Automation Systems in Electric Power Transmission  
Network.

\* **Grade** : Excellent

\* **Postgraduate Studies:**

\* **M.SC.:**

**Place** : Electrical Power and Computer Control, Faculty of Engineering,  
Arab Academy for Science, Technology & Maritime Transport,  
Cairo, Egypt.

**Courses** :

* Digital Circuit Design	:	Very Good
* Intelligent Control Systems	:	Very Good.
* Advanced Engineering Mathematics	:	Very Good.
* Power System Reliability	:	Excellent
* Electrical Measurement Systems	:	Excellent
* Computer Control of Power System	:	Very Good
* Power System Analysis	:	Excellent
* Advanced Electrical Drives	:	Very Good

**Subject of Thesis:**

“Optimized Operation & Management of Distributed Generation Based Microgrids”.

**Finished in** : **November 2020.**

**Publications:**

[1] Gad, Y.; Diab, H.; Abdelsalam, M.; Galal, Y. Smart Energy Management System of Environmentally Friendly Microgrid Based on Grasshopper Optimization Technique. *Energies* **2020**, *13*, 5000, doi:[10.3390/en13195000](https://doi.org/10.3390/en13195000).

\* **Additional:**

High School Certification, Cairo, Egypt, 2011.

**Grade** : 92.3% “El-Farouk Islamic Language School”

## **Work Fields:**

### **\* Teaching Assistant**

**(2016 - 2020):**

- taught in:
- 1- Electrical Power and Computer Control, Faculty of Engineering, Arab Academy for Science, Technology & Maritime Transport – Sheraton Branch, Cairo, Egypt.  
Electrical Energy , Faculty of Engineering, Arab Academy for Science, Technology & Maritime Transport – Smart Village Branch Branch, Cairo, Egypt.
  - 2- Electrical Energy , Faculty of Engineering, Arab Academy for Science, Technology & Maritime Transport – Smart Village Branch Branch, Cairo, Egypt.

### **Subjects which are taught :**

- 1- Electrical Circuits 1
- 2- Electrical Circuits 2
- 3- Electrical Measurements & Instrumentations
- 4- Instrumentation & Measurements
- 5- Automatic Control Systems.
- 6- Automatic Control Engineering
- 7- Modern Control.
- 8- Energy Resources & Conversions
- 9- Programmable Devices & Smart Meters

## **Training:**

<b>Number</b>	<b>Place</b>
1 -	Trainee Engineer-Egypt Air Company, 2016
2 -	Trainee Engineer-The General Petroleum Company, 2014
3 -	Trainee Engineer-Kurimat Training Center, 2014
4 -	Trainee Engineer-Emec, 2013

## Additional Courses:

No.	Course	Place
1 -	Distribution course	Compu Systems Center, 2016
2 -	Motors: Losses, Loads and operating costs-SI version	Energy University By Schneider Electric-11 September 2015
3 -	Motors: A performance opportunity roadmap	Energy University By Schneider Electric-11 September 2015
4 -	Pumping systems 1: pump types and performance	Energy University By Schneider Electric-11 September 2015
5 -	Combined heat and power	Energy University By Schneider Electric-11 September 2015
6 -	Steam systems 3: distribution, control & regulation of steam	Energy University By Schneider Electric-11 September 2015
7 -	Distributed generation	Energy University By Schneider Electric-10 September 2015
8 -	Steam systems 2: impact of boiler sizing, pressure and velocity	Energy University By Schneider Electric-10 September 2015
9 -	Lighting 2: define light	Energy University By Schneider Electric-10 September 2015
10 -	Building controls 2: control sensors	Energy University By Schneider Electric-4 September 2015
11 -	Building controls 3: introduction to control loops	Energy University By Schneider Electric-4 September 2015
12 -	Building control 4: propotional and PID responses	Energy University By Schneider Electric-4 September 2015
13 -	Building control 5: two position and floating responses	Energy University By Schneider Electric-4 September 2015
14 -	Building control 1: an introduction to building controls	Energy University By Schneider Electric-30 August 2015
15 -	Steam systems 1: advantages and basics of steam	Energy University By Schneider Electric-30 August 2015
16 -	Electrical concepts	Energy University By Schneider Electric-30 August 2015

## Language Courses:

Course Name	Place	Level
Conversation English	British Council Heliopolis	Intermediate -Level 1
Conversation English	British Council Heliopolis	Intermediate -Level 2
TOEFL Exam	Ain Shams University	Score 500
TOEFL Exam	Arab Academy for Science, Technology & Maritime Transport	Score 560

## Skills:

### Computer Skills :

#### Computer Languages:

- Proteus
- Dialux 4.12
- Autocad
- Matlab & simulink

### Language Skills :

- Arabic** : Fluent in both speaking and writing.  
**English** : Intermediate in both speaking and writing.