

Holds B. Sc., M. Sc. and PhD in Electrical Power Engineering and has about 12 years hands-on experience working in design field and as Professor Assistant.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

- : B. Sc. in Electrical Power Engineering, Al-Azhar University, 2007
- : M. Sc. in Electrical Power Engineering (Power Systems Engineering), Al-Azhar University, 2012
- : PhD in Electrical Power Engineering (Power Systems Engineering), Al-Azhar University, 2016

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

- : Windows, MS Office (Word, Excel, Power Point), Internet
- : AutoCAD 2D and 3D
- : Visual Basic
- : ELECTRONIC WORKBENCH (MULTISIM)
- : Electrical Power System Analysis & Operation Software ETAP™
- : ECODIAL Advance calculation
- : Fortran
- : DIgSILENT (Power System Software & Engineering)
- : MATLAB
- : DIALUX

TRAINING COURSES AND CERTIFICATIONS

- : PMP Preparation course (Jul. 2019).
- : Business writing skills and Netiquette course (Jun. 2019).
- : "Examination Systems and Students Evaluation" from the National Authority for Quality Assurance and Accreditation of Education (NAQAA) (Feb. 2019).
- : Communication skills training course (Jul. 2018).

- : The Leadership training course (Apr. 2018).
- : "Self-Evaluation for Higher Education Institutes": from the National Authority for Quality Assurance and Accreditation of Education (NAQAA) (Dec. 2014).
- : "External Reviewer for Higher Education Institutes": from the National Authority for Quality Assurance and Accreditation of Education (NAQAA) (Dec. 2014).
- : "Educational Programs and Courses Specification and Evaluation of Learning Outcomes": from the National Authority for Quality Assurance and Accreditation of Education (NAQAA) (Dec. 2014).
- : English and soft skills course in English Language Recourse Center (ELRC) at Al-Azhar University (Oct. 2010).
- : Electrical Installation according to "BS 7671-2008" from British Engineering Institution – EGYPT (May 2009).
- : Preparing and Qualification of fresh graduate engineers (Elec. / Mech.) First, Second and Third Stages from "Arab Contractors Institute for Construction Engineering and Management Technologies" (Sep. 2008).
- : English: IELTS Certified.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2016 till now

Employer : Al-Azhar University

Job title : Professor Assistant at Electrical Engineering Department

Job Description :

- Teaching the following courses for undergraduate students:
 - Electrical Power System Engineering.
 - Computer Programming using MATLAB.
 - Power System Analysis (III).
 - Renewable Energy Systems.
 - Electric Circuits (I, II).
- Supervise graduation projects for B. Sc. Students.
- Supervise Electrical testing's laboratories for undergraduate students.

Dates : From Jul. 2017 till now (part time)

Employer : The Energy Group (TEG) - [EGYPTROL](http://www.egyptrol.com)

Projects :

- UNATRAC - SOKOTO Nigeria 30MW PP civil & MEP design, SOKOTO, Nigeria, 2018
- UNATRAC - OLAM Power Station – 3x3.88MW Genset MPP, OLAM, Nigeria, 2017
- Egyptian Maintenance Company (EMC) - PETROSANNAN 2 Gas Compressors, Egypt, 2017
- Egyptian Maintenance Company (EMC) - Installation of two skid mounted generators at BADR field, Egypt, 2018
- Tender for Electrical installation and substation design for Basin-2 of SOKHNA port, DP WORLD, Egypt, 2018

Job title : Electrical Expert / Electrical Team Leader

Job Description :

- Electrical Expert for reviewing the design of different electrical systems.
- Preparation of different electrical calculations (Generator circuit Breaker (GCB), Transformer sizing, Emergency diesel generator sizing, Earthing, Lightning, short circuit calculations of supply system, Voltage drop,

Relays coordination study, Load flow of supply system, Cables sizing, Lighting) as applicable for the above mentioned projects.

Dates : From Sep. 2009 till Jan. 2016
Employer : Al-Azhar University
Job title : Lecturer Assistant at Electrical Engineering Department
Job Description :

- Demonstrator for the following courses for undergraduate students:
 - Direct Current Machines.
 - Electric Circuits Analysis (I, II).
 - Induction Machines.
 - Engineering Mathematics.
 - Synchronous Machines.
 - Power Electronics (I, II).
 - Power System Analysis (I, II, III).
 - Renewable Energy Systems.
 - Energy Conversion.
 - Electromagnetic Fields.
 - Automatic Control Engineering.
 - High Voltage Engineering.
 - Principles of Electronics.
 - Numerical Analysis and Programming.
- Demonstrator for the electrical testing's for undergraduate students.

Dates : From Mar. 2008 till Sep. 2009
Employer : The Arab Contractors (Osman Ahmed Osman) Company
Projects :

- Vegetables and fruits market in Kafr El-Sheikh
- Central conference hall, central library in Kafr El-Sheikh University
- Gallia water purifying plant in EL-DAKHALIA Governorate
- Kellen water purifying plant in Kafr El-Sheikh
- DAMIETTA specialized hospital
- MUBARAK national residential project for youth in DAMEITTA
- Civilized orientation project in DAMIETTA, RAS ELBAR
- Civilized orientation project in EL-MANSOURA

Job title : Site Engineer
Job Description :

- Responsible for the installation for electrical systems (including: Lighting, Earthling, Fire alarm, CCTV, MATV, etc.).
- Preparing all payments certificates for the supervised projects.
- Preparing of the purchasing orders for the supervised projects.