



AHMED EZZAT, PHD. (C), MBA, M. SC., PMP, RMP

LECTURER - SCIENTIFIC RESEARCHER

CONTACT

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📍 Abha, Saudi Arabia

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SKILLS

Communication skills

IBM SPSS Statistics

Microsoft Office Package

Matlab & Simulink

Autodesk AutoCAD

Revit MEP

Document Control

Effective Time Management

Analysis

Presentation

The ability to manage a classroom and behaviour effectively

The ability to develop and deliver engaging and effective lessons

LANGUAGES

Arabic ●●●●●

English ●●●●○

SUMMARY

Analytical and practical researcher with more than five years of experience contributing to engineering research studies on microgrids. Linking the research aspect to the practical aspect to know the extent to which scientific research can be applied in practice and benefit from it. Skilled in artificial intelligence applications. Proven to improve optimization methods in microgrids by more than 3% through procedure optimization techniques.

EDUCATION

Doctor of Science in Electrical Engineering (PhD) Feb 2020 - Present
Suez Canal University

Thesis Title: Application of Artificial Intelligence to Electrical Protection for Sustainable Microgrids.

Master of Business Administration (MBA) Mar 2020 - Aug 2022
Arab Academy for Science & Technology
Specialization in strategic planning and management

Master of science in electrical engineering Mar 2014 - Aug 2019
Suez Canal University

Thesis Title: Islanding Detection in Electric Microgrids.

Bachelor's in Electrical Engineering Jun 2001 - Aug 2006
Al Azhar University University

Specializing in Power and Electrical Machines

Graduated summa cum laude.

EXPERIENCE

Assistant Lecturer for Pre-Masters Jul 2014 - Jan 2021
Suez Canal University (Faculty of Engineering Electrical Dept.).

- Special studies in electrical power systems engineering.
- The use of artificial intelligence in electrical power systems.
- Advanced studies in electrical power engineering.
- Matlab applications in electrical power engineering.

Lecturer for electrical engineers. Dec 2015 - Dec 2020
Technological institute for construction engineering and management.

- Strategic management course.
- Method of Statement for Electrical works course.
- Preparation of an electromechanical project manager course.

HOBBIES

Reading, Playing ping bong,
Walking.

- Training students of engineering faculties during the summer training phase.

Strategic planning engineer

Jan 2021 - Present

The Arab Contractors

Planning, monitoring, analyzing, and evaluating all business activities (expenses, revenues, available and likely resources, current and future projects) to help the project manager take a decision consistent with the company's vision and mission.

Technical Support Engineer

Jan 2018 - Jan 2021

The Arab Contractors

- Responsible for the direction support work to track approved planning in line with the company's vision and associated strategy.
- Provide engineering technical guidance and training to the Canal and Sinai staff to achieve continuous improvement and manage key performance indicators.
- Managing work assignments, supervising work activities for all disciplines (compliance, quality, cost, time, inventory and equipment availability).
- Assist the area manager in regulatory and audit readiness and delivery support.
- Support compliance with agreed occupational safety and health standards and other legal and regulatory requirements.
- Build effective relationships with clients and co-workers, and develop an understanding of identified priorities and needs.

Senior electrical technical office engineer

Jan 2013 - Jan 2018

International System of Engineering Services

Review and resolve project document issues/conditions. Provide technical & administrative information to the others working on a project to ensure that the work complies with all engineering standards, codes, specifications, and design instruction.

Electrical site engineer

Mar 2009 - Dec 2012

The Arab Contractors

Executing, inspecting, testing and repairing electrical infrastructure networks (medium voltage - low voltage - street lighting), carrying out internal electrical works for buildings (electricity works - light current works). (New Cairo Electricity Networks Repair Project - Narges and Flowers Park Residential Compounds Construction Project)

Cost estimator engineer

Mar 2008 - Mar 2009

The Arab Contractors

Collect and analyze data and information in order to estimate costs associated with manufacturing a product. Works proactively towards cost target objectives in collaboration with others (the tender for Hurgada International Airport has been won)

CERTIFICATION

Risk Management Professional (RMP)®.

2022-02-22

Project Management Institute (PMI).

Project Management Professional (PMP)®

2021-12-01

Project Management Institute (PMI)

COURSES

MEMBERSHIP

**Saudi Council of Engineers.
2025**

Aug 2022 - Aug

Associate Engineer membership (ID : 876004).

**Project Management Institute (PMI), Harrisburg, PA..
2023**

Dec 2021 - Dec

Individual membership (ID : 9286000).

PUBLISHED RESEARCHES

1. Ahmed Ezzat, Basem E. Elnaghi, Abdelazeem A. Abdelsalam, Microgrids islanding detection using Fourier transform and machine learning algorithm, Electric Power Systems Research, Volume 196, 2021, 107224, ISSN 0378-7796, <https://doi.org/10.1016/j.epsr.2021.107224> .
2. Ahmed ezzat mohamed, Basem E. Elnaghi & Abdelazeem A. Abdelsalam (2018). Islanding detection of microgrid using decision-tree approach. 11th international conference on electrical engineering ICEENG on (pp. 1-22) <https://dx.doi.org/10.21608/iceeng.2018.30250> .
3. Mohamed A. E., Elnaghi B. E. & Abdelsalam A. A. (2018). Islanding detection method based on combined discreet Fourier transform and logistic regression technique. 5th Young Researchers Conference Suez Canal University YRC2018 on (pp. 1-2) http://yrc2018.weebly.com/uploads/9/2/1/0/92100228/yrc_2018.pdf