

Mohamed Tayseer Mohamed

PhD Candidate

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Summary:

I'm seeking for a prestigious position in the academic affairs as a member of the teaching staff of the faculty of engineering (Zagazig University) and in the practical affairs as an Electrical Power Engineer. My experience is about six years in the technical aspects which specialized in the low as well as the medium voltage distribution projects, energy management projects and quality control procedures. Regarding the academic side, I acquired more and more experience in preparing various academic papers in the fields of High Voltage (HV) engineering, Artificial Intelligence (AI) applications in power system issues and energy management for multiple integrated renewable sources thanks to my work as an Assistant Lecturer (AL) at Electrical Power and Machines Department - Faculty of Engineering – Zagazig University from 2020 till now.

Experience details:

Teaching Assistant

Faculty of Engineering
Zagazig University

Oct. 2016 to Dec. 2020

- Supervising projects for students in the Graduation Year for Electrical Power and Machines Department
- Providing online academic and technical sessions through Littera Platform

Assistant Lecturer

Faculty of Engineering
Zagazig University Jan.
2021 to Current

- Serving as a Review Board Member (RBM) in Medicon Engineering Themes (MCET) Journal
- Serving as an electrical Supervising Engineer at Researches and Technical Consultations Center (RTCC) – Zagazig University

Electrical Power Engineer

Researches and Technical
Consultations Center (RTCC)
– Zagazig University – Egypt
March 2017 until now

- Supervising implementation of electrical work in projects
- Preparing technical reports

Job Role:

- Establishing electrical design drawings
- Establishing repair drawings to solve technical problems in construction

Projects:

- Building of the Faculty of Dentistry – Zagazig University (2020 until now)
- Renewal of Pediatric surgery building – Zagazig University (2021 until now)
- Renewal of Hehya Central Hospital – Sharkia Governorate (2022 until now)
- Renewal of Zagazig Central Hospital – Sharkia Governorate (2022 until now)
- Building of El – Obour Central Hospital – Zagazig University – Sharkia Governorate (2022 until now)

Technical and training certificates:

PhD Candidate

Engineering Science
Jul. 2021 to Current

- Faculty of Engineering - Zagazig University
- Point of Research: Spacers Improvement Methodologies in Gas Medium Considering The Breakdown Conditions

Master Candidate

Engineering Science
Oct. 2018 to Nov. 2020

- Faculty of Engineering - Zagazig University
- Point of Research: Study of Electrical Tree in Solid Insulation and The Methods to Reduce Its Growth Rates

Bachelor degree

Electrical Power and
Machines Engineering
2016

- Faculty of Engineering, Zagazig University
- GRADE: Excellent with Honor's grade [86.5%]
- The 5th of class
- Graduation project: Distribution with grade excellent [99 %]

Certifications:

- AutoCAD
- ETAP
- COMSOL Multiphysics
- DIALUX
- MS Office
(Word, Excel, PowerPoint)
- MATLAB
- Ecodial

Academic Researches:

1. Talaat, M., M. Tayseer, and A. El-Zein. "Efficiency of different optimisation approaches for optimal parameters of the CSM for investigating the onset field due to corona point." IET Generation, Transmission & Distribution 14, no. 9 (2020): 1751-1761.
2. Tayseer, Mohamed, A. Elzein, and M. Talaat. "Voltage Variations and Composite Solid Insulation Effects on Electrical Tree Propagation Based on Finite Element Method." Egyptian Journal for Engineering Sciences and Technology 30, no. Electrical Engineering (2020): 90-99.
3. Talaat, M., M. Tayseer, and A. El-Zein. "Digital image processing for physical basis analysis of electrical failure forecasting in XLPE power cables based on field simulation using finite-element method." IET Generation, Transmission & Distribution 14, no. 26 (2020): 6703-6714.
4. Talaat, M., Zeinab El-Shaarawy, M. Tayseer, and A. El-Zein. "An economic study concerning the cost reduction of the covered transmission conductors based on different optimization techniques." Results in Engineering 11 (2021): 100262.
5. Talaat, M., Adel Alblawi, M. Tayseer, and M. H. Elkholy. "FPGA control system technology for integrating the PV/wave/FC hybrid system using ANN optimized by MFO techniques." Sustainable Cities and Society 80 (2022): 103825.

Academic Links:

Researchgate	https://www.researchgate.net/profile/M-Tayseer
Academic E – mail	mtayser@zu.edu.eg
Google Scholar	https://scholar.google.com/citations?hl=en&user=6351jPMAAAAJ
Academia	https://zagazig.academia.edu/MTayseer?from_navbar=true&trigger=account-menu
Orcid	https://orcid.org/0000-0001-8234-7929
Scopus ID	57208718304

Languages:

Arabic: Native.

English: Fluent.

Reference

Available upon request

Personal Information

Date of Birth : 1 Aug, 1993.

Marital Status : Married

Academic E – mail: mtayser@zu.edu.eg