

Faculty C.V.

1. **Name and date of birth**

Marina Emad Gabra Guindi

2. **Academic Rank**

Full-time Instructional Assistant

3. **Degrees**

Master of Science in Electrical Engineering- Kuwait University (2022)
Bachelor of Engineering in Electrical Engineering- American University of Kuwait (2018)

4. **Service at this Institution**

Full-time Teaching Assistant (September 1, 2022- January 31, 2026)
Full-time Instructional Assistant (February 1, 2026- present)

5. **Professional Experience**

Part-time Teaching Assistant- Kuwait University (2019-2020), (2021-2022)

6. **Publications**

a) Refereed Journals.

Guindi, M., & Kamel, R. M. (2024). Optimal location and sizing of renewable distributed generations and electric vehicle charging stations. *Renewable Energy*, 235, 121272. <https://doi.org/10.1016/j.renene.2024.121272>

b) Conferences

K. A. Noor Al-Deen, **M. E. Karas**, A. M. Abdel Ghaffar, C. Caironi, B. Fruth and D. Hummes, "Signature Analysis as a Medium for Faults Detection in Induction Motors," *2018 International Conference on Computing Sciences and Engineering (ICCSE)*, 2018, pp. 1-6, doi: 10.1109/ICCSE1.2018.8374224.

N. Mezher, S. Esmacili, and **M. Guindi**, "An Integrated Smart Appointment Management System for the Healthcare Infrastructure in Kuwait," in *2025 International Conference on Electrical and Computer Engineering Researches (ICECER)*, 2025, pp. 1–6.

M. Alkhurayef, **M. Guindi** and M. Ikram, "Cube the Sun: A Space-Saving Design for Next-Gen Solar Power," *2025 IEEE PES Conference on Innovative Smart Grid*

Technologies - Middle East (ISGT Middle East), Dubai, United Arab Emirates, 2025, pp. 1-6, doi: 10.1109/ISGTMiddleEast65737.2025.11314227.

7. **Courses Taught**

- Fall 2022:
CPEG 210L (3 hrs. per week)
- Fall 2024:
STEG 210L (3 hrs. per week)
- Spring 2025:
STEG 321L (3 hrs. per week)
ENGR 340L (3 hrs. per week)
- Fall 2025:
STEG 210L (3 hrs. per week)
CPEG 210L (3 hrs. per week)
STEG 220L (3 hrs. per week)
- Spring 2026:
STEG 321L (3 hrs. per week)
CPEG 210L (3 hrs. per week)
ELEG 220L (3 hrs. per week) x 2
ELEG 320L (3 hrs. per week)
- Summer 2026:
ELEG 220L (3 hrs. per week)
ELEG 320L (3 hrs. per week)