

Curriculum Vitae (CV)

Manar Magdy Hassan

Personal Information:

Academic Rank: Teaching Assistant

Department: Mechanical Engineering

Specialization: Mechanical Design and Production

Position: Teaching Assistant

Research Gate: https://www.researchgate.net/profile/Manar-Magdy-9?ev=hdr_xprf

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Education:

| Degree | Discipline | Institution | Year |
|--------|-------------------|------------------|------|
| M.Sc. | MECHANICAL DESIGN | CAIRO UNIVERSITY | 2025 |
| B.Sc. | MECHANICAL DESIGN | CAIRO UNIVERSITY | 2019 |

Academic Experience:

Institution: Higher Technological Institute- 10th of Ramdan

Rank: Teaching Assistant

Dates: 2022-present

Institution: Future University in Egypt

Rank: Teaching Assistant

Dates: 2021

Institution: Cairo University

Rank: Teaching Assistant

Dates: 2020-2022

Research interests:

Integrated supply Chain Decisions

Deep learning applications in Supply Chain

Reinforcement Learning

Materials Engineering

Publications:

M. Magdy, M. A. Essam, M. M. Faragallah, and N. M. Abdeltawab, "Effect of sliding velocity, load, and RPM on wear and friction in automotive brake pads," Discover Applied Sciences, vol. 7, art. no. 453, 2025. [Online]. Available: <https://doi.org/10.1007/s42452-025-06925-2>

Teaching Experience:

Mechanical design

Engineering Materials

Theory of Machines

Quality Control

Project Management