

Curriculum Vitae (CV)

Mina Raafat Ramzy



Personal Information:

Academic Rank: Lecturer

Department: Mechatronics

Specialization: Robotics

Position: Lecturer

Google Scholar: <https://www.researchgate.net/profile/Mina-Ramzy-3>

ORCID Record: <https://orcid.org/0009-0000-2969-6097>

Email mina.raafat@hti.edu.eg

Education:

Degree	Discipline	Institution	Year
Ph.D.	Mechatronics engineering	AIN SHAMS UNIVERSITY	2025
M.Sc.	MECHANICAL ENGINEERING	ARAB ACADEMY FOR SCIENCE AND TECHNOLOGY	2017
B.Sc.	Mechatronics engineering	HTI	2003

Academic Experience:

Institution: HTI

Rank: Lecturer

Dates: 2025 till now

Institution: HTI

Rank: Research Assistant

Dates: 2018 to 2025

Institution: HTI

Rank: Teaching Assistant

Dates: 2004 to 2018

Research interests:

- Robotics
- -control

Publications:

- Ramzy, Mina R., Sherif Hammad, and Shady A. Maged. "Kinematic and Dynamic Modeling of 3DOF Variable Stiffness Links Manipulator with Experimental Validation." *Applied Sciences* 14.12 (2024): 5285.
- Ramzy, Mina R., Sherif Hammad, and Shady A. Maged. " Optimized Control of 3DOF Variable Stiffness Link Manipulator Using Feedback Linearization PD and Sliding Mode Approaches. " *Journal of Technology and Systems* " Vol. 6, Issue No. 5, pp. 25 - 40, 2024
- -Raafat, Mina, Salem Haggag, and Yehia Hossamel-din. "Modeling and verification of spring loaded robotic finger mechanism." *15th International Workshop on Research and Education in Mechatronics (REM)*. IEEE, 2014.
- -Ramzy, Mina R., et al. "A Multi Finger Haptic Hand with Force Feedback." *ICINCO* (2). 2016.

Teaching Experience:

Courses taught

- Digital circuit
- Microcontroller-
- -Engineering drawing
- Digital systems lab.
- robotics