

Curriculum Vitae (CV)

Khaled Mohamed Mostafa Waly



Personal Information:

Academic Rank: Assistant Professor

Department: Biomedical Engineering

Specialization: Biomaterial

Email khaled.waly @hti.edu.eg

Mobile/WhatsApp: +20/ 01099991331

Education:

Degree	Discipline	Institution	Year
Ph.D.	Biomaterial	Systems and Biomedical Engineering Department, Helwan University, Faculty of Engineering	2016 - 2022
M.Sc.	Biomechanics (dental Implants)	Systems and Biomedical Engineering Department, Helwan University, Faculty of Engineering	2010 - 2015
B.Sc.	Biomedical Engineering	Biomedical Engineering Department, Higher Technological Institute	2003 - 2008

Academic Experience:

Institution: Biomedical Engineering Department, Higher Technological Institute

Rank: Assistant Professor

Dates: 2023

Institution: Biomedical Engineering Department, Higher Technological Institute

Rank: Research Assistant (PhD student)

Dates: 2016

Institution: Biomedical Engineering Department, Higher Technological Institute

Rank: Teaching Assistant

Dates: 2009

Research interests:

- Biomaterial
- Biomechanics

Publications:

- 1- **Waly, Khaled**, Mohamed Tarek Elwakad, Madyha Shoieb, Mohamed Mousa, and Amal S. Eldesoky. "Zinc-Magnesium alloy as a degradable bone plate." In 2021 9th International Japan-Africa Conference on Electronics, Communications, and Computations (JAC-ECC), pp. 89-92. IEEE, 2021.
- 2- **Waly, Khaled**, Mohamed Tarek Elwakad, Madyha Shoieb, Mohamed Mousa, and Amal S. Eldesoky. "Zinc-Magnesium Based biodegradable Alloys for bone plate application." Engineering Research Journal (ERJ), pp. 59-73, 2021.

Certifications or Professional Registrations:

Effective teaching and learning strategies for colleges and institutes of higher education, naqaae 2021.

Examination and student evaluation systems for colleges and institutes of higher education, naqaae 2021.

Teaching Experience:

Courses taught

- - Professional ethics.
-
- -Principle of biomedical engineering.
-
- -Bioanalysis instruments.
-
- -Biomedical Equipments.
-
- -Biomaterials.
-
- -Biomedical electronics & instruments.
-
- -Medical imaging equipments.
-
- -Selected Topics in biomedical engineering.
-
- -Rehabilitation Equipments.
-
- -Nuclear & Radiation systems.
-
- ICDL, International Computer Driving License.
- IT, Windows, Microsoft Office (Word, Power Point, Excel, and Access), and Internet.