Curriculum Vitae (CV)

Dr. Mostafa Abd El-Galil Mohamed Elsayed

Personal Information:

Academic Rank: Assistant Professor

Department: Mechanical Engineering

Specialization: Mechanical design and production engineering

Position: Lecturer

Google Scholar: https://scholar.google.com.eg/citations?hl=ar&user=5wFsRyYAAAAJ&scilu

ORCID Record: https://orcid.org/0000-0003-1056-5024

Email mostafa.abdelgalil@hti.edu.eg

Mobile/WhatsApp: +20/ 01144241441

Education:

Degree	Discipline	Institution	Year
Ph.D.	Mechanical design and production engineering	ZAGAZIG UNIVERSITY	2022
M.Sc.	Mechanical design and production engineering	ZAGAZIG UNIVERSITY	2019
B.Sc.	Mechanical engineering	HIGHER TECHNOLOGICAL INSTITUTE	2008

Academic Experience:

Institution: Higher Technological Institute, (HTI) Tenth of Ramadan City, Egypt.

Rank: **Assistant Professor**

Dates: 2022 - Present.

Institution: Higher Technological Institute, (HTI) Tenth of Ramadan City, Egypt.

Rank: **Research Assistant (PhD student)**

Dates: Oct. 2019 - Jan. 2023.

Institution: Higher Technological Institute, (HTI) Tenth of Ramadan City, Egypt.

Rank: **Teaching Assistant**

Dates: Sep. 2013 - Oct. 2019.

Research interests:

- Friction Stir Processing Technique (FSP/FSW)
- Electrospinning
- Material Characterization
- Nanomaterials
- Nanocomposites

Publications:

1- Zoalfakar, Said H., **Mostafa A. Mohamed**, M. Abdel Hamid, and A. A. Megahed. "Effect of friction stir processing parameters on producing AA6061/tungsten carbide nanocomposite." Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering 236, no. 2 (2022): 653-667.
2- Megahed, A. A., **Mostafa A. Mohamed**, M. Abdel Hamid, and Said H. Zoalfakar. "Microstructure, hardness, and wear properties of AA6061/WC nanocomposite fabricated by friction stir processing." *Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science* 236, no. 16 (2022): 9148-9156.
3- Zoalfakar, Said H., **Mostafa A. Mohamed**, Mohamed A. El-Hamid, and Ashraf A. Ali. "Electrospun EGNPs reinforced precursor carbon nanofibril composites by using RSM." Polymers for Advanced Technologies 30, no. 2 (2019): 465-474.

Teaching Experience:

Courses taught.

- Theory of machines (A)
- Theory of machines (2)
- Stress analysis
- Engineering Drawing
- Engineering Mechanics
- Mechanical Engineering Design (A)
- Mechanical Engineering Design (B)
- Strength of Materials
- Principles of Materials Science and Engineering