

Curriculum Vitae (CV)

**Zahraa Farag Abd Elmageed Osman**



**Personal Information:**

**Academic Rank:**

Teaching assistant

**Department:**

Mechanical design and production engineering dept.

**Specialization:**

Mechanical design and production

**Position:**

Teaching assistant in Mechanical Engineering Department - Higher Technological Institute - Tenth of Ramadan, Egypt.

**Email:**

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## **Education:**

Degree	Discipline	Institution	Year
M.Sc.	mechanical design and production engineering	Faculty of Engineering, Minia university, Egypt.	2019
B.Sc.	mechanical design and production engineering	Faculty of Engineering, Minia university, Egypt.	2015

## **Academic Experience:**

**Institution:** Higher Technological Institute

**Rank:** Teaching Assistant

**Dates:** From 2021 until now

**Institution:** Egyptian for science and technology

**Rank:** Teaching Assistant

**Dates:** From 2017 to 2019

## **Research interests:**

- Tribology
- Nano generators
- Composite materials

## **Publications:**

- Zahraa F. and Ali W. Y. “Friction and wear of epoxy reinforced by polyamide fibers”, EGTRIB journal, (2018).
- Zahraa F. and Ali W. Y. “Friction and wear of epoxy reinforced by polyester fibers”, EGTRIB journal, (2019).

## **Teaching Experience:**

### **Courses taught**

- Stress analysis
- Engineering drawing
- Maintenance and fault diagnosis
- Machine design (2)
- Applied mechanics
- Production technology
- Material testing
- Manufacturing Automation
- Monitoring and quality control systems
- Technical writing
- Entrepreneurship