



## Curriculum Vitae

### 1. Personal Data:

- **Name:** Ahmed Mahmoud Abd Elkhalek Gomaa
- **Position:** Teaching Assistant
- **Department:** Civil Engineering
- **Academic E-Mail:** [ahmed.mahmoud@et5.edu.eg](mailto:ahmed.mahmoud@et5.edu.eg)



### 2. Specialization:

- **General Specialization:** Civil Engineering
- **Specific Field:** Structural Engineering

### 3. Academic Qualifications:

- **M.S.C Degree in Civil Engineering** **04/2020**  
Faculty of engineering, Suez Canal University  
Thesis Title: Behavior of reinforced concrete beam under the effect of corrosion
- **Bachelor of Civil Engineering** **07/2016**  
Faculty of engineering, Suez Canal University  
Grade: very good

### 4. Publication

- 1- Experimental, numerical, and theoretical study of punching shear capacity of corroded reinforced concrete slab-column joints - Engineering Structures - Volume 289 (2023).
- 2- Predicting of Punching Shear Capacity of Corroded Reinforced Concrete Slab-column Joints Using Artificial Intelligence Techniques - Msa Engineering Journal - Volume 1 (2023).
- 3- Strengthening of Corroded Reinforced Concrete Beams Exposed to Torsional and Flexural Stresses - International Journal of Civil Engineering and Technology (IJCET) - Volume 10 (2019).

### 5. Working Experiences

- **Teaching Assistant** **2020: Till Now**  
Higher Institute of Engineering and Technology, Fifth Settlement, New Cairo
- **Technical office engineer** **2018:2020**  
Sabbour consultant, Cairo
- **Site engineer** **2016:2018**  
Modern Construction Company, Ismailia