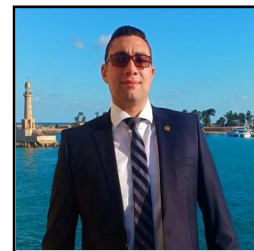


## Curriculum Vitae (CV)

**Bahaa Ibrahim Hamed Elghandour**



### Personal Information:

**Academic Rank:** Assistant professor

**Department:** Civil Engineering

**Specialization:** Design of concrete structures

**Position:** Research Assistant (Ph.D. student)

**Research Gate:** <https://www.researchgate.net/profile/Bahaa-Elghandour>

**Email** [bahaa.elghandour@hti.edu.eg](mailto:bahaa.elghandour@hti.edu.eg)

**Mobile/WhatsApp:**

## Education:

Degree	Discipline	Institution	Year
Ph.D.	CIVIL ENGINEERING	AIN SHAMS UNIVERSITY	2023
M.Sc.	CIVIL ENGINEERING	CAIRO UNIVERSITY	2016
B.Sc.	CIVIL ENGINEERING	HIGHER TECHNOLOGICAL INSTITUTE	2010

## Academic Experience:

### **Institution:**

**Rank:** Assistant Professor

**Dates:** 2023 - Present

**Institution:** HIGHER TECHNOLOGICAL INSTITUTE

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

**Dates:** 2016- 2023

**Institution:** HIGHER TECHNOLOGICAL INSTITUTE

**Rank:** Teaching Assistant

**Dates:** 2010-2016

## Research interests:

- - Civil Engineering.
- -Design of reinforced concrete members
- - Design members with FRP reinforcement

## Publications:

- Elghandour, B., Eltahawy, R., Shedid, M., & Abdelrahman, A. (2023). Prediction of shear strength for CFRP reinforced concrete beams without stirrups. Engineering Structures, 284, 115946. <https://doi.org/10.1016/j.engstruct.2023.115946>
- Elghandour, B., Eltahawy, R., Shedid, M., & Abdelrahman, A. (2022). Shear behavior of concrete T-section beams reinforced with CFRP under unsymatric loading. NeuroQuantology, 20(6), 5458-5471.
- Bahaa Elghandour, Reham Eltahawy , Marwan Shedid and , Amr Abdelrahman “Modeling of Fiber Reinforced Polymer Reinforced concrete Beams Failing In Shear”. Proceedings of Fifteenth International Conference on Structural and Geotechnical Engineering Iesge15, Ain Shams University, (2018).
- Mustafa El-kafrawy, Said Taher and Bahaa Elghandour “Flexural Behaviour of Reinforced Concrete Beams with Different Shape and Length of Lap Splice”.Materia Engineering Research Journal- Helwan University Volume (145), Issue 0, March (2015) .

## **Certifications or Professional Registrations:**

### **Honors and Awards:**

- National Authority for Quality Assurance and Accreditation of Education “NAQAAE” / Teaching strategies for faculties and institutes of higher education.
- National Authority for Quality Assurance and Accreditation of Education “NAQAAE” /Exam systems and evaluation of learning outcomes for faculties and institutes of higher education.
- National Institute of Standard “NIS” A body affiliated with the Ministry of Higher Education and Scientific / Internal Audit on Quality Systems of Laboratories.
- Faculty and Leadership Development Center “FLDC” in Cairo University / University management
- Faculty and Leadership Development Center “FLDC” in Cairo University /research ethics.
- Arab Journals Platform “A.J.P” Workshop on how to write a scientific research paper considering (Q1 + Q2).
- Ain shams university faculty of engineering / Using technology in research preparation and international publication.
- Ain shams university faculty of engineering / Scientific research methodologies and international publication.

### **Teaching Experience:**

#### **Courses taught**

- - Reinforced concrete design1
- -Reinforced concrete design 2
- - Reinforced concrete design 3
- - Reinforced concrete design 4
- - Revit software for civil engineers
- - Civil engineering drawing
- -Selective topics in Reinforced concrete design.
- -Structural Engineering Software Application with SAP, Etabs