

## Curriculum Vitae (CV)



## Dr. Mohamed Fahmy Mostafa EL-Baraga

### Personal Information:

Academic Rank: Assistant Professor

Department: Civil Engineering

Specialization: Structural Engineering

Position: Lecturer

Google Scholar: <https://scholar.google.com/citations?hl=ar&user=QLu0vK0AAAAJ>

Research Gate: <https://www.researchgate.net/profile/Mohamed-El-Baraga>

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## Education:

Degree	Discipline	Institution	Year
Ph.D.	Structural Engineering	Cairo university	2022
M.Sc.	Structural Engineering	Cairo university	2016
B.Sc.	Civil Engineering	Higher Technological institute	2013

## Academic Experience:

**Institution:** Higher Technological Institute

**Rank:** Assistant Professor

**Dates:** 2022-till now

**Institution:** Higher Technological Institute

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

**Dates:** 2016-2022

**Institution:** Higher Technological Institute

**Rank:** Teaching Assistant

**Dates:** 2013-2016

## Research interests:

- Precast Concrete sandwich panel walls.
- Strengthening concrete elements with FRP.
- Composite structures.
- Dynamic Analysis for Tall Buildings
- Pushover Analysis Under Lateral Loads.

## Publications:

- Hatem Ibrahim, Mohamed Fahmy El-Baraga, Walid A.Attia. Evaluation Of Shear Behavior For Various Designed Configurations Of Wythe Ties In Precast Concrete Sandwich Panels. [Design Engineering \(Toronto\) 2021;PP.11220-47.](#)

## Certifications or Professional Registrations:

### Honors and Awards:

- Ph.D. in Civil (Structural) Engineering, 2022, Cairo University, Egypt.
- M.SC in Civil (Structural) Engineering, 2016, Cairo University, Egypt.
- B.SC of Civil Engineering, 2013, Higher Technological Institute (HTI), 10th of Ramadan City, Egypt.
- 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.

### Teaching Experience:

Obtain a good practical internship opportunity to enhance my technical related to my future career. About nine years of practical and academic experience in the fields of structural analysis engineering and construction documents including projects supervision for traditional reinforced concrete and steel structures. Experienced in different types of structures including special applications such as high rise buildings, wide spans structures, and precast building constructions. On the other hand, as academic; teaching various courses including structural analysis and mechanics, design of concrete and steel structures, implementation of software programs into structural modeling,...etc

## Courses taught

- Structural Analysis and Mechanics I.
- Structural Analysis and Mechanics II.
- Structural Analysis and Mechanics III.
- Structural Analysis and Mechanics IV.
- Structural Analysis and Mechanics V.
- Computer programming with MATLAB.
- Structural Engineering Analysis Software Application with Sap-Etabs-Safe-Csi Columns.