

## Curriculum Vitae (CV)

**Full Name: Yasser Hassan Helal Husien**



### Personal Information:

**Academic Rank:** Assistant Professor

**Department:** civil Engineering

**Specialization:** Materials Engineering

**Position:** Assistant Professor of Civil Engineering at Higher Technological Institute

**Google Scholar:** [https://scholar.google.com/citations?view\\_op=list\\_works&hl=en&user=Da8U5EUAAAAJ](https://scholar.google.com/citations?view_op=list_works&hl=en&user=Da8U5EUAAAAJ)

**Research Gate:** <https://www.researchgate.net/profile/Yasser-Helal>

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## Education:

Degree	Discipline	Institution	Year
Ph.D.	Materials Engineering	Zagazig University	2020
M.Sc.	Materials Engineering	Zagazig University	2013
B.Sc.	Civil Engineering	Higher Technological Institute 10 <sup>TH</sup> of Ramadan	2006

## Academic Experience:

### **Institution:**

**Rank:** Assistant Professor

**Dates:** 2020 to present

### **Institution:**

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

**Dates:** 2013-2020

### **Institution:**

**Rank:** Teaching Assistant

**Dates:** 2007-2013

## Research interests:

- - Civil Engineering.
- - Materials Engineering.
- - Construction and Building Materials.

## Publications:

- - **Yasser H. Helal**, H.E.M. Sallam, M.H. Seleem, Sherif H. Al-Tersawy." Reliability of reinforced concrete beams strengthened with CFRP bonded plates"civil engineering department. Faculty of engineering. Al-Azhar university. Vol 34 no 4
- A.M. Alshehy, S.A. Ahmed, M.S. El-Feky and **Y.H. Helal**" UTILIZING NANO- TO MICRO-SCALE PARTICLES BASED ADDITIVES TO ENHANCE CEMENT-DUNE SAND COMPOSITES" International Journal of Modern Trends in Engineering and Research (IJMTER) Volume: 5, Issue: 05, [May– 2018].
- M. Alshehy, S.A.Ahmed, M.S. El-Feky, **Y.H. Helal**." Fibers Addition to Nano Engineered Sand Dunes Mortars Subjected To Severe Loading and Environmental Conditions" International Journal of Scientific & Engineering Research Volume 10, Issue 5, May-2019 919 ISSN 2229-5518.

## Certifications or Professional Registrations:

### Honors and Awards:

- - ***B.Sc. in Civil Engineering***, Civil Engineering Department, Faculty of Engineering, Higher Technological Institute, **August 2006.**
- - ***M.Sc. in Civil Engineering***, Materials Department, Faculty of Engineering, Zagazig University, **2013.**

- - **Ph.D. in Civil Engineering**, Materials Department, Faculty of Engineering, Zagazig University, **2020**.
- - National Authority for Quality Assurance and Accreditation of Education “NAQAAE” /Description of programs and courses for faculties and institutes of higher education.
- - 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:

### Courses taught

- - Properties and testing of materials I
- - Properties and testing of materials II
- - Properties and testing of materials III
- - Principles of Construction and Building Engineering
- - Civil Engineering Drawing 1
- - Surveying I
- - Solid mechanics
- - Structure Analysis I
- - Structure Analysis II
- - Diploma project (Revit structure)