

Curriculum Vitae (CV)

Mahmoud Ahmed Abdul Aziz El-Desouky



Personal Information

Academic Rank: Assistant Professor

Department: Civil Engineering

Specialization: Properties, Testing, and Strength of Materials

Position: Assistant Professor

Email mahmoud.abdelaziz@hti.edu.eg

Education

Degree	Discipline	Institution	Year
Ph.D.	Structure Engineering	HELWAN UNIVERSITY	2023
M.Sc.	Structure Engineering	CAIRO UNIVERSITY	2015
B.Sc.	Civil Engineering	HIGHER TECHNOLOGICAL INSTITUTE	2010

Academic Experience

Institution: Higher Technological Institute

Rank: Assistant Professor

Dates: 2023 till now

Institution: Higher Technological Institute- 6th of October branch

Rank: Research Assistant (PhD student)

Dates: 2015 – 2023

Institution: Higher Technological Institute- 6th of October branch

Rank: Teaching Assistant

Dates: 2010 to 2015

Research interests

- Nano, Micro, and Macro Materials.
- Fiber Concrete.
- High-Strength Concrete.
- Radiation Shielding.
- FBR reinforcement.
- New and sustainable building products, materials, and systems.

Publications

- Mahmoud El-Desouky, Ahmed Abdel-Aziz, Mahmoud El-Fransawy, and Rasha A. El-Sadany, "BEHAVIOR OF HEAVY WEIGHT CONCRETE BEAMS REINFORCED WITH CGFRP BARS", International Journal of Advance Research and Innovative Ideas in Education Volume 8 Issue 5, 2022, Page 1396-1410.
- Mahmoud El-Desouky, Ahmed Abdel-Aziz, Mahmoud El-Fransawy, and Rasha A. El-Sadany, " Gamma Radiation Effect on Normal Weight Concrete, Heavy Weight Concrete, Steel Bars, and Fiber Bars", Egyptian Journal of Chemistry, Volume 65, Issue 13, 2022.

Participation Conferences

- 4th International Conference On NANO-Technology in Construction, "Nano-Technology for Green and Sustainable Construction", HBRC, Egypt, Cairo, 25-26 March, 2012.
- 7th International Conference on Nano-Technology in Construction, Sharm El Sheikh, Egypt, 20-24 March, 2015.
- 9th International Conference On NANO-Technology in Construction, Sharm El Sheikh, Egypt, 17-21 March, 2017.
- Workshop On NANO-Technology," The Role of Nanotechnology in Modern Scientific Trends", Conference Center (Cairo University), Egypt, Cairo, 27 Feb., 2013.

Teaching Experience

- Assistant Professor, April 2023 – until now.
- Research Assistant, Nov. 2015 – April, 2015.
- Teaching Assistant, Sep. 2010 – Nov. 2015.

Courses taught

- Testing and properties of Material.
- Quality Control for concrete.
- Destructive and non-destructive tests of Materials.
- Surveying.
- Diploma Project.
- Project Management