
Ahmed Abdelaziz Ahmed Mohamed

Personal Information:

Academic Rank: Assistant Professor
Department: Civil Engineering
Specialization: Structure Analysis
Position: Assistant Professor
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Education:

Degree	Discipline	Institution	Year
Ph.D.	Structure Engineering	Cairo University	2016
M.Sc.	Structure Engineering	Mansoura University	2011
B.Sc.	Civil Engineering	Higher Technological Institute	2006

Academic Experience:

Higher Technological Institute

(SEP 2006-till Now) (Full Time)

Teaching Courses

- Structure Analysis (1-2-3-4-5).
- Diploma Project (AutoCAD)
- Civil Drawing (1-2)
- Computer Applications in Structure Analysis. (SAP 2000-SAFE 2000-ETABS).
- Reinforced Concrete Project.

The Institute of Aviation Engineering and Technology Institute

Teaching Courses (OCT 2019-JAN 2023) (Part Time)

- Structure Analysis (2).
- Structure Mechanics (3).

Higher Canadian Institute for Engineering (CIC) on El Sheikh Zayed

Teaching Courses (JAN 2022-June 2022) "Part Time"

- Structure Analysis (1).

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- Structure Mechanics (1).
 - Reinforced concrete Project.

Higher Institute of Engineering on 15th May City

Teaching Course (JAN 2021-MAY 2021) “Part Time”

- Structure Analysis.

Madenia Higher Institute for Engineering and Technology

Teaching Course (oct 2024-now) “Part Time”

- Structure Analysis.
- Reinforced Concrete
- Concrete Project

Training Courses

- Self-Evaluation Of Educational Programs For Colleges And Institutes Of Higher Education”, (The National Authority for Quality Assurance of Education and Accreditation) ,From 15 to 17 Sep. 2019.
- “University Exams And Digital Question Banks”,(DAAD Kairo AKkademie),21 Oct. 2021.
- “Taking Your Classroom Online”,(DAAD Kairo AKkademie),28 Oct. 2021.
- “Digital transformation of educational curricula and application of digital technology in universities”. (The National Authority for Quality Assurance of Education and Accreditation 24 JAN. 2022).
- Program description course using NARS 2018 (The National Authority for Quality Assurance of Education and Accreditation 1 ,SEP. 2022).
- “The Uses of Artificial Intelligence Tools to Develop Scientific Research and Generate Research Ideas”,(SCHOBOT) 5 2024 .
- “Egyptian Knowledge Bank and searching for Sources ,(Cairo University),28 JAN.2024
- “International Publishing of Scientific Research,(Cairo University),10 JUN.2024
- Value improving practices, Egyptian Engineers Association in (KSA) ,6 OCT 2023.
- Performance in built Environment, Egyptian Engineers Association in (KSA) ,24 NOV 2023.

Publications:

- ·Ahmed Abdel-Aziz, et al.,2025,”An Experimental Study on Steel Fiber Effects in High-Strength Concrete Slabs”,Civil Engineering Journal ,Vol. 11, No. 01.
- Ahmed Abdel-Aziz, et al.,2022,” Behavior of Heavy Weight Concrete Beams Reinforced With CGFRP Bars”, International Journal of Advance Research and Innovative Ideas in Education ,(IJARIIE),Vol.8,
- Ahmed Abdel-Aziza, et al.,2022,” Gamma Radiation Effect on Normal Weight Concrete Heavy Weight Concrete, Steel Bars, and Fiber Bars”, Egyptian Journal of Chemistry, Vol.66,No.1.
- Abdel-Aziz A. and Abdel-Lattif W., 2015," Investigation of Flutter by Two Numerical Simulations Analysis for Suspension Bridges", Global Journal of Engineering Science and Research Management, Impact Factor: 2.265, Vol. 2, No. 8, pp.67-84.
- Abdel-Aziz A. and Abdel-Lattif W., 2015," Aeroelastic Investigation of Different Deck Sections for

Suspension Bridges by Numerical Analysis", International Journal of Engineering and Innovative Technology (IJEIT), Impact Factor: 2.15, Vol.4, No.12, pp.49-57.

- Abdel-Aziz A., Naguib M., and El Bagalaty S., 2010," Static and Dynamic Analyses of Suspended Cable Roofs for Halls Having a Rectangular Shape Due To Wind Loads", Mansoura Engineering Journal, Vol.35, No.4, pp.36-49.

Senior Management Positions in Higher Technological Institute

- Head of Training Unit (2024-Till Now)

Volunteering Activities

- Reviewed research papers for the Journal of Engineering Science and Technology (JEST), Taylor's University, Malaysia., providing constructive feedback that contributed to the quality of the published research.
- Guided several PhD students to develop innovative solutions for real-world structural engineering problems, which led to successful research publications.

Research interests:

- Conduct lectures and seminars on Structure Analysis and Mechanics.
- Mentor and guide students in research projects and thesis work.
- Contribute to curriculum development and improvement.
- Engage in scholarly activities, including research and publication.