



Curriculum Vitae

- **Name:** Ahmed Saad Abou-Hallawa
- **Title:** Lecturer
- **Department:** Civil Engineering
- **E-mail:** ahmed.abouhalawa@su.edu.eg

A) Academic Qualifications:

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|--|------------------------|-----------|
| - Bachelor's Degree in Civil Engineering | University: Alexandria | Year:1986 |
| - Master's Degree in Structural Analysis | University: Alexandria | Year:1999 |
| - Ph.D. in Structural Dynamics | University: Alexandria | Year:2003 |

- **Other Qualifications:** Project Manager

B) Academic promotions:

- Lecturer, Date: From 2006 - Now

C) Scientific Merit:

- Orcid –N 0009-0002-9297-0639

D) Academic Administrative Experiences:

2009-2010 Delta High Institute for Engineering and Technology. ElMansoura, Egypt.

Lecturing the following courses: “Theory of Structure I”, “Theory of Structure III” and “Theory of Elasticity”.

2011-2012 High Institute for Architectural Engineering . 6-October City, Egypt.

Lecturing the following courses: “Engineering Mechanics”, and “Engineering Mathematics”.

2012-2013 Elslam High Institute for Engineering and Technology. Cairo, Egypt.

Lecturing the following courses: “Theory of Structure II”, “Design of steel structures 1” , “Design of steel structures 2”. “Dynamics of structures” and “Engineering Mechanics”

2014 -2015 Sinai University Sinai, Egypt.

Lecturing the Theory of Structures 2 course. This includes preparing the course materials, notes, quizzes and exams and following up with the teaching assistances.

2017 -2018 Kafr Elsheikh High Institute for Engineering Kafr Elsheikh, Egypt.

Lecturing the Theory of Structures, Reinforced Concrete, Soil Mechanics and Engineering Foundation, and Steel Structures courses.

2017-2019 Elslam High Institute for Engineering and Technology. Cairo, Egypt.

Lecturing the Theory of Structures 1,3 - Reinforce Concrete1,2,3, Design of bridges and Steel Structures 1,2 Concrete Technology, High Rise Buildings, and Project Management courses. Supervise graduation project. (Design of Concrete Structures and Engineering Foundations)

2019 -Now Sinai University Sinai, Egypt.

Lecturing Structural analysis using computer (SAP 2000, ETABS, SAFE Programs), Primavera P6 Program , Matrix Analysis of structures, Project Management, Design of steel structures 1, Design of steel structures 2, structural analysis 1,2,3 .Supervise graduation projects. (Design of Concrete structures, Structural Analysis, and Project Management)

This includes preparing the course materials, notes, quizzes and exams and following up with the teaching assistances.

E) Scientific Activities

1- Training Courses/workshops:

■ الحصول على شهادة التوفيل الدولية بدرجة 583

2: Conferences, Seminars and Workshops :

حضور كل ورش عمل الجودة بالكلية

3: Teaching Scopes:

Structural analysis, Structural dynamics, Theory of Elasticity, Design of Steel Structures, and SAP 2000, ETABS, SAFE and Primavera Programs.

4: Consultancy Experience:

1990- 2023 General manager in Ministry of Irrigation and Water Resources	Cairo, Egypt.
2015-2017 Consultant Project Manager of Najran high elevated water tank	Najran KSA
1993-1995 Project Manager Elrajhi International group	Jedha KSA
1989-1990 Civil engineer in Arab Company for Land Reclamation	Cairo, Egypt.

F) Scientific Publications:

-International journals

Mohy S. Fattouh , Ahmed S. Abouhalawa” **Effect of Fly ash as a Partial Replacement of Cement on the Compressive Strength of Cement Mortar Using North Sinai Martials**” American Journal of Engineering Research (AJER) e-ISSN: 2320-0847 p-ISSN : 2320-0936 Volume-10, Issue-11, 2021, pp-162-167

Ahmed S. Abouhallawa , Mohy S. fattouh “**Soil Structure Interaction Analysis of Multi Story Reinforced Concrete Building**” Design Engineering Journal,ISSN;011-9342 Year 2021,Issue:6 Pages:8667- 8680.

Ahmed S. Abouhallawa “Seismic analysis of R.C Multi-Story Buildings Controlled by Tuned Mass Dampers under publication

- National journals

Hallawa, A.S, Elhefnawy, L.M (2000)” **Effect of Temperature Change on the Behavior of Space Structures**” Alex. Engrg. Journal, Vol(3),397-410.

Hallawa, A.S, Elhefnawy, L.M, Elkordi, E.A(2003)” **Single-mode flutter and buffeting analysis of cable-supported bridges in Skew winds**” Tenth international colloquium on structural and geotechnical engineering, Ain Shams university, Cairo, Egypt.E03SR46.

Hallawa, A.S, Elhefnawy, L.M, Elkordi, E.A(2003)” **Multi-mode flutter and buffeting analysis of cable-supported bridges in Skew winds**” Tenth international colloquium on structural and geotechnical engineering, Ain Shams university, Cairo, Egypt.E03SR47.

G) Quality Assurance in Higher Education:

- **Quality Assurance Coordinator of Civil Engineering Department**

(منسق الجودة بقسم الهندسة المدنية – كلية الهندسة – جامعة سيناء)

- **Training Attended**

- الحصول على دورة مراجع خارجي (الهيئة القومية لضمان الجودة)
- الحصول على دورة التخطيط الاستراتيجي (الهيئة القومية لضمان الجودة)

H) Skills

- Language Skills: Excellent English (Writing-Reading-Speaking)
- Computer Skills : Program (MS OFFICE - SAP- PRIMVERA- ETABS – SAFE) software.
- Presentation skills: Excellent
- Other skills: ***Interested reading fields***
Stability of structures, Random vibrations, Non-linear vibrations, Aerodynamics of long-span bridges, and Wind engineering.