

Curriculum Vitae



- **Name:** Mohy El-Dien Soliman Mohy El-Dien Fattouh
- **Title:** Lecturer of Civil Engineer
- **Department:** Civil Engineer Faculty of Engineering
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A) Academic Qualifications:

- Bachelor's Degree Faculty of Engineering University: Misr University for Science&Technology

Year: (2005).

- Master's Degree in Design of High Strength Concrete (HSC) Using North Sinai Materials

University: port said University Year: (2012).

- Ph.D. in "Effect of Using Different Supplementary Cementitious Materials in High Strength Self Compacting Concrete" University: Suez Canal University Year: (2017).

B) Academic promotions:

-2007 - 2012 Demonstrator in the Department of Civil Engineering - Higher Institute of Engineering and Technology in Al-Aris.

-2012 - 2015 Assistant Lecturer in the Department of Civil Engineering - Higher Institute of Engineering and Technology in Al-Arish.

-2015 - 2017 Assistant Lecturer in the Department of Civil Engineering – Sinai university.

- 2017 till now Lecturer in the Department of Civil Engineering - Sinai university.



C) Scientific Merit:

- Google Scholar
- Scopes ID
- Citations:..... h-index:2 i10-index:2
- Orcid –N

D) Academic Administrative Experiences:

-Participate in the distance learning and teaching approach within the framework of Sinai University's and the university's plan to create courses and teaching strategies.

-Participation in meetings and committees to receive students at the start of the academic years.

-Educational advisor for student affairs at the college.

- Participation in youth welfare activities at the college.

-Academic guidance for students in the college, through which students' academic and psychological problems are identified and solved.

- Contribute to collecting students' opinions and proposals and discussing them in meetings with committees, the department, and the college.

- Member of the department meetings.

- Member of the Quality Assurance Unit in the college.

• Participate in the preparation and development of regulations in the department.

• Supervision of laboratories in the college, supervising the materials, soil and methods laboratories and contribute to the work of laboratory tests for external parties.

• Participate in scientific discussions in the department.

• Participate in publishing the research targeted by the department.

• Participation in the development of the educational process in the college.



- Participation in the preparation of college study schedules.

E) Scientific Activities

1: Membership of Professional Organizations and Scientific Societies

Treasurer of the Arish Sub-Syndicate of Engineers and a member of the Arish Sub-Syndicate of Engineers in the city of Arish in North Sinai

In the North Sinai city of Arish, the Arish Sub-Syndicate of Engineers' treasurer is also a member of the organization.

2: Training Courses/workshops:

- 1- Training Programs on International publishing of research.
- 2- Training Programs on Use of Technology in Teaching.
- 3- Training Programs on Strategic planning.
- 4- Course completed in "Fresh and hardened concrete tests" at the Housing and Building Research Centre, Dokki
- 5- I got a course on Teaching and Learning Outcome from the Quality Assurance Unit at the Ministry of Higher Education approved by the Egyptian Cabinet
- 6- Participate in the activities of the next Delta conference with a paper publishing a scientific research on concrete materials.

3: Conferences, Seminars and Workshops:

Participation in the International Engineering Conference for Research and Innovation, organized by Delta University, which was held from 24-27 November 2022

Address in English: "Influence of Utilizing Glass Powder with Silica Fume on Mechanical Properties and Microstructure of Concrete".

4: Teaching Scopes:

Lecturer of Material Engineering ,Faculty of Engineering ,Sinai university ,

North Sinai ,Egypt July 2017 Till now



5: Scientific supervision number:

6: Awards and Certificates of Appreciation:

7: Peer reviewing of scientific research/ Projects:

- Supervising projects related to the properties and resistance of concrete materials.
- Contributing to the supervision of road projects in the section related to road materials, paving and asphalt.
- Contribute to supervising soil projects in the section related to soil materials and their relationship to the foundation of buildings, soil behavior and their impact on design.

8: Scientific Mission:

9: Patency:

10: Consultancy Experience:

Quality Control and Facilities Testing Consultant from the Egyptian Syndicate of Engineers 2022 and contributing to the Engineering Consultation Center at the Faculty of Engineering, Sinai University, by supervising the work of the required tests for projects established in North Sinai within the framework of the state's plan for the development of Sinai.

11: Other Activities:

-Member of the Syndicate and Treasurer of the Sinai Branch Engineers Syndicate.

-Engineering consultant for a number of government agencies and private engineering sectors

F) Scientific Publications:

Last 10 year of published Scientific Papers

-International journals

- 1) Mohy S. Fattouh, (2021)" Impact of Recycled Concrete Aggregate and Recycled Asphalt Pavement as an Aggregate Gradation on Properties of Fresh and Hardened Concrete" Design Engineering, No. 1, pp 8667-8680.
- 2) Mohy S. Fattouh, S. Abouhalawa.S.A,(2021) " Soil Structure Interaction Analysis of Multi Story Reinforced Concrete Building " Design Engineering, No. 6,pp 8667-8680.
- 3) Mohy S. Fattouh (2022) " Effect of Aluminum Waste Powder on Properties of Concrete Using North Sinai Materials under Different Curing Condition "journal of Xi'an university of architecture and technology, Vol.XIV, No.9, pp 322-339.
- 4) Mohy S. Fattouh, EK Elsayed,(2022) "Influence of Chemical Composition of Cement types on Microstructural and Mechanical Concrete Properties" Design Engineering, No. 1,pp 4362-4387.

- 5) Mohy S. Fattouh, BA Tayeh, IS Agwa, EK Elsayed,(2023) "Improvement in the flexural behaviour of road pavement slab concrete containing steel fibre and silica fume" Case Studies in Construction Materials (Elsevier). Vol. (18), pp e01720.
- 6) BA Tayeh, AA Hakamy, Mohy S. Fattouh, SA Mostafa,(2023) "The effect of using nano agriculture wastes on microstructure and electrochemical performance of ultra-high-performance fiber reinforced self-compacting concrete under normal and acceleration conditions" Case Studies in Construction Materials (Elsevier) Vol. (18), pp e01721.
- 7) Effect of Fly Ash and Metakaolin on Fresh and Mechanical Properties and Microstructure of Mortar journal of Xi'an university of architecture and technology, Vol.XIV, No.9, pp 322-339.

- National journals

- 1) Mohy S. Fattouh, S. Abouhalawa.S.A,(2021) " 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) Vol. (10), No. (11), pp 162-167.
- 2) Mohy S. Fattouh, EK Elsayed,(2023) "Influence of Utilizing Glass Powder with Silica Fume on Mechanical Properties and Microstructure of Concrete" Delta University Scientific Journal Vol. (6), No. (1), pp 111-122.

G) Quality Assurance in Higher Education:

- **QA Trainer**
- **Obtaining the objectives and mission course from the National Authority for Educational Quality Assurance and Accreditation**
- **Obtaining a teaching and learning strategy course from the National Authority for Educational Quality Assurance and Accreditation**
- **Obtaining an external review course from the National Authority for Educational Quality Assurance and Accreditation**

H) Skills

- Language Skills:

- Arabic as a native language
- Fluent in English

(Writing , reading , listening & speaking)

- Computer Skills:

- 1- 1CDL, EGY 1009908 (IT, Word, Power point, Excel, Access and Internet).
- 2- Obtaining an AutoCAD course from the Faculty of Engineering, Cairo University



- 3- Obtaining a Primavera course from the Faculty of Engineering, Cairo University
- 4- Obtaining a SAP course from the Faculty of Engineering, Cairo University
- 5- SPSS (Statistical analysis programs such as: Statistical Package for the Social Sciences).