

ISLAM ALI MAHMOUD



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Nationality: Egyptian

Date of Birth: 12, 12, 1986

Marital Status: Married

KEY QUALIFICATIONS:

A well-motivated and energetic person who possesses good inter personal skills and the ability to communicate effectively on all levels within an organization. Can participate effectively into teamwork and use own initiative when required.

After graduation I looked in the field of nuclear explosions, explosions and impact of bombs and objects. I have master and doctor degree in this field.

EDUCATION:

2013 - 2018

Doctor of Philosophy in civil engineering

Department of Civil Engineering, Faculty of engineering, Menoufia University

Thesis, (Behavior of Reinforced Concrete Structures Under Extreme Loads)

2009- 2012

Master in civil engineering

Department of Civil Engineering, Menoufia University

Thesis, (analysis of reinforced concrete structures subjected to impact loads)

2008- 2009

Pre- diploma in civil engineering

Department of Civil Engineering, Faculty of engineering, Menoufia University

2003- 2008

Bachelor Degree in Civil Engineering

Faculty of engineering, Menoufia University

Final degree: Very good with honors

Installment arrangement: Third installment

Graduation: Excellent (Reinforced concrete)

TEACHING EXPERIENCE:

July 2018-Present:

Assistant Professor at Delta Higher Institute for Engineering & Technology

Teach students in a field of structure analysis and design of reinforced concrete.

Teaching Courses:

1- *Department of Civil Engineering*

- Design of RC Liquid Tanks, 4th year Civil, Delta Higher Institute for Engineering & Technology.
- High Rise Buildings, 4th year Civil, Delta Higher Institute for Engineering & Technology.
- Supervisor of Graduation project of Design of RC structures under seismic loading & Design of RC water tanks 4th year Civil, Delta Higher Institute for Engineering & Technology.
- Theory of structures and analysis of stresses, 2nd year Civil, Delta Higher Institute for Engineering & Technology.
- Theory of structures and analysis of stresses, 1st year Civil, Delta Higher Institute for Engineering & Technology.
- Special lectures of Design of RC Frames, Flat slabs, stairs, Hollow Block slabs and RC Halls,...etc. 3rd year civil, Delta Higher Institute for Engineering & Technology.
- Design of RC structures, 2nd year civil students, Delta Higher Institute for Engineering & Technology.

2- *Department of Arch. Engineering*

- Theory of structures and analysis of stresses, 1st year Arch, Delta Higher Institute for Engineering & Technology.
- Design of RC structures and Foundations, 2nd year Arch. Students, Delta Higher Institute for Engineering & Technology.
- Special lectures on how to convert an architectural drawing to a structural drawing. 2nd year Arch., Delta Higher Institute for Engineering & Technology.

2012- 2017

Laboratory engineer in reinforced concrete lab, Faculty of Engineering, Menoufia University

- Special lesson on the types of tests on Hard concrete and Fresh concrete.
- Special lesson on how to conduct test on concrete

WORK EXPERIENCE:

Aug 2008 – Feb 2009: Elgadaa office as Design engineer in several engineering projects

Mar 2009 – Feb 2012: ACE Moharram Bakhom as Design engineer in several engineering projects such as

- AMWAJ Resort in United Arab Emirates (2009-2011)
- GAMSHA BAY PROJECT (2010-2011)
- Repositioning project, Heliopolis Company for Chemical Industries (2013-2014)

Feb2019- now:

- work as Repair and strengthening Engineer for Amed Nasr Allah school in Fuwa-Kafer El-Sheikh
- work as Repair and Strengthening Engineer for Fuwa Central Hospital

SHARED BOOKS:

- 1- Design of RC Structures and Foundations, Architecture Department (Student Book) by Doc. Islam Ali
- 2- Design of RC Structures Part 1(Student Book) by Doc. Islam Ali
- 3- Design of RC Structures Part 2(Student Book) by Doc. Islam Ali
- 4- Design of RC Water Tanks Structures (Student Book) by Doc. Islam Ali
- 5- High Rise Building (Student book) by Doc. Islam Ali

PUBLISHED RESEARCHES:

- 1- “Experimental study of progressive collapse resistance of a reinforced concrete frame. Department of civil engineering, Faculty of engineering, Menoufia University, 2018.
- 2- “Experimental study and numerical analysis of progressive collapse resistance of a reinforced concrete frame”, 12th International conference of civil and architectural engineering, Military Technical College, Cairo, Egypt, 3-4 April 2018.
- 3- “Finite Element Modelling and Parametric Analysis of Thin Reinforced concrete Slabs Strengthening by CFRP Laminates”, ISOR journal of

Mechanical and civil Engineering, <https://doi.org/10.9790/1684-1903043846>, 2022.

- 4- “Finite Element Modeling and Parametric Analysis of High Strength Thin Reinforced Concrete Slabs Strengthening by CFRP Laminates”, ERJ journal, Part 4, civil. Eng., Vol.46, No1, pp. 89-98, 2023.

ADMINISTRATIVE WORK:

Work within a group at the Delta Higher Institute of Engineering and Technology until accreditation from National Authority for Quality Assurance and Accreditation of Education.

- 1- I am responsible for analyzing the results for three consecutive years of all programs at the Institute.
- 2- I am responsible for financial resources standard at the Institute.
- 3- I make the course specification of Design of reinforced concrete structures (1), (2), (3) and course specification of Design of reinforced concrete structures and foundations according to National Academic Reference Standards (NARS) Engineering.

PROGRAMS, TRAINING COURSES AND WORKSHOPS:

- 1- Strategic planning for faculties and institutes of higher education in the National Authority for Quality Assurance and Accreditation of Education “NAQAAE” May,2023.
- 2- Exams and Assessment Systems for faculties and institutes of higher education in the National Authority for Quality Assurance and Accreditation of Education “NAQAAE” jenuary,2022.
- 3- Workshop about “Electronic course production”
- 4- workshop about “Moodle Education Management System”
- 5- workshop about “Assessment methods and making question banks”

LANGUAGES

- Arabic (Mother tongue)
- English (Excellent Reading, Writing & Good listening, speaking)

SKILLS

- AutoCAD 2d,3d
- Sap Program
- Save Program
- Etabs Program
- Abaqus program
- CSI Column
- Ansys program
- Prokon program
- Microsoft office
- And internet searching Skills.