

CURRICULUM VITAE

Name: Dr. Eng. Al-Shaimaa Arafat Fathy

Position: Lecturer – Civil Engineering

Specialization: Structural Engineering

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Email: alshaymaaameen74@gmail.com

Nationality: Egyptian

Date of Birth: 4 April 1990

Professional Summary:

Lecturer in Civil Engineering specializing in Structural Engineering with a PhD degree and more than 12 years of academic experience in university teaching and research. Highly skilled in structural analysis, reinforced concrete design, and engineering software applications.

Education:

PhD in Structural Engineering, Faculty of Engineering, Aswan University, Egypt, 2022.

Dissertation: Behavior of High Strength Concrete Columns Reinforced with Hybrid Reinforcement.

MSc in Structural Engineering, Faculty of Engineering, Minia University, Egypt, 2018.

Thesis: Effect of Train Induced Vibration on SDOF and MDOF Structures.

BSc in Civil Engineering, Faculty of Engineering, Aswan University, Egypt, 2012.

Academic Experience:

Lecturer, High Institute of Engineering and Technology, Luxor, Egypt (2022 – Present).

Teaching Assistant, High Institute of Engineering and Technology, Luxor, Egypt (2018 – 2022).

Demonstrator, High Institute of Engineering and Technology, Luxor, Egypt (2012 – 2018).

Teaching Courses:

Structural Analysis

Theory of Structures

Reinforced Concrete Design

Concrete Structures

Construction Engineering

Building Construction

Quantity Surveying and Cost Control

Surveying

Civil Engineering Drawing

Computer Applications in Civil Engineering

Technical Skills:

Structural analysis and design of reinforced concrete structures.

Design of post-tensioned slabs.

Preparation of shop drawings.

Engineering data analysis.

Software Skills:

AutoCAD

ETABS

SAP2000

SAFE

CSI Column

ADAPT

Revit

Microsoft Office

Languages:

Arabic: Native

English: Very Good