

CURRICULUM VITAE



Basic Information: _____

Name: Fatma Ramadan Mahmoud Emam

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Profile: (maximum 5 lines) _____

A hard-working and dependable engineer with the ability to work well both independently and in a team seeking a challenging career opportunity in your office to build upon and utilize my academic background, communication and leadership skills.

Education: _____

Post Graduate Studies:

- (Pre-Masters) in "Structural Engineering", Faculty of Engineering, Cairo University, grade(3.4/4).
- Master's thesis title is (the mechanical properties of self-compacted self-curing concrete).
- PHD's thesis title is (Strengthening of Reinforced Concrete Columns Subjected to Eccentric Loading Using BFRP).

Bachelor's Degree:

- Graduated from: Beni Suef University, faculty of engineering, Civil Engineering Department, May 2014. Accumulative Grade: GPA (3.47/4).
- Ranking Fourth (4th).
- Graduation project: Enhancement of the Concrete Properties Containing Recycled Coarse Aggregate Premixed with Low Quantity of Cement.
- Graduation project grade: excellent.

Professional Experience: _____

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- ...2/8/2014-20/9/2014 Training on the design work continued to Egyptian Engineers Association.
 - 10/1/2014-20/3/2014 Field trips to limitation and assays for construction work
 - 23/6/2013-20/9/2013 Field trips to limitation and assays for construction work in the company of Housing& Utilities
 - 10/6/2011-10/8/2011 Field trips to limitation and assays for construction work in the company Housing& Utilities.
 - From (20/9/2014 - 01/10/2018) Demonstrator at faculty of engineering, Nahda University Bani-seuf "NUB"
 - From (01/10/2018- 20/9/2022) Assistant Lecturer at faculty of engineering, Nahda University Bani-seuf "NUB"
 - From (20/9/2022 Up to now) Lecturer at faculty of engineering, Nahda University Bani-seuf "NUB"

Courses:

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- AUT CAD, 2D GEA
 - Structural Analysis using ETABS V20
 - Structural Analysis using SAP2000
 - WINDOWS &OFFICE (ICDL)
 - "التحول الرقمي" (Digital Transformation)
 - P4 أخلاقيات البحث العلمي وكتابة البحوث العلمية
 - Statistical Analysis Using SPSS
 - البحث في قواعد البيانات العالمية وإدارة المراجع العلمية EndNote
 - نظم الامتحانات وتقييم الطلاب

Skills:

Language skills:

- Arabic: (Native language).
- English: Very good.

Computer skills:

- Very good knowledge of windows, Microsoft office and the Internet.

Additional information: _____

Scientific research:

- 1- Effect of Self Curing Agent on the Properties and Durability of Normal and High Strength Self-Compacted Concrete Properties. In International Journal of Advanced Science and Technology.
- 2- Behaviour of Strengthened Columns with Basalt Fiber-Reinforced Polymers :Review. in INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH & TECHNOLOGY (IJERT)
- 3- [Behavior of Large-Scale Columns Strengthened with Basalt Fiber-reinforced Polymers Sheets or Bars and Hybrid FRPs](#). In Case Studies in Construction Materials