

Mahmoud Hosny Mahmoud Soghair

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EDUCATION

9/2014 **Advanced Courses in Structural Engineering** , Assiut University, Assiut, Egypt

Courses:

1. Advanced Prestressed concrete
2. Advanced Reinforced concrete
3. Structure analysis
4. Computer applications in structural analysis

1/2013 **M.Sc.**, Faculty of Engineering, Assiut University, Assiut, Egypt

Major: Civil Engineering

Minor: Concrete Structures

Thesis: “ Numerical Analysis Of R.C. Bridge Girders Under Static and Dynamic Loads”

Supervisors: Dr.Fayez kaiser Abdelsayed, Dr. Mahmoud Hussen Ahmed and Dr. Khairy Hassan Abdelkareem

7/2007 **B.Sc.**, with honors, Faculty of Engineering, Assiut University, Assiut, Egypt

Major: Civil Engineering

Graduation project: “Reinforced Concrete”

Project grade: Excellent

HONORS AND AWARDS

- Assiut University: Award of Excellence,2004
- Assiut University: Award of Excellence,2005
- Assiut University: Award of Excellence,2006

PROFESSIONAL EXPERIENCE

3/2013-present

Assistant lecturer

Civil Engineering Department, Faculty of Engineering, Assiut University, Assiut, Egypt

- Instructed the tutorials and labs for the following undergraduate courses:
 - Design of concrete structures (1-A) (C222)
 - Design of concrete structures (2-A) (C323)
 - Design of concrete structures (2-B) (C323)
 - Design of R.C. Structures (3) (C421)
 - Constructions Management (C428)
- Conducted research in effect of creating an opening in R.C. deep beams

2/2009-3/2013

Research assistant

Civil Engineering Department, Faculty of Engineering, Assiut University, Assiut, Egypt

- Instructed the tutorials and labs for the following undergraduate courses:
 - Design of concrete structures (1-A) (C222)
 - Design of concrete structures (1- B) (C222)
 - Design of concrete structures (2-A) (C323)
 - Design of concrete structures (2-B) (C323)
 - Construction Engineering (C113)
 - Structural eng. (Concrete Construction) (C301)
 - Design of R.C. Structures (3) (C421)
 - Constructions Management (C428)
- Conducted research in the effect of dynamic loads on R.C. Bridge Girders

11/2007-present Design and construction engineer
Working as designer in consultant engineering office.

JOURNAL PUBLICATIONS

Published Fayez k. Abdelsayed, Mahmoud H. Ahmed, Khairy H. Abdelkareem and Mahmoud H. Soghair “Numerical Analysis Of R.C. Bridge Girders Under Static and Dynamic Loads”, Journal of Engineering Science, Faculty of Engineering, Assiut University

SKILLS

Linguistic skills ○ Arabic
 ○ English

Computer skills

- 2D drawings, using AutoCAD 2010.
- Structural analysis using ANSYS v. 12.0.1 .
- Structural analysis using Sap2000 v. 10 .
- Word processing, using MS Word, 2003, and 2007.
- Presentations, using MS PowerPoint , 2003, and 2007.
- Spread sheets , using MS Excel, 2003, and 2007.
- Numerical Statistics, using SPSS