

# *CURRICULUM VITAE*

AHMED ABDELAZIZ ELBARABRY

## **PERSONAL INFORMATION**

**Name** : Ahmed Abd El-Aziz El-Barbary

**Title** : Assistance Professor  
– Principal Structural Engineer

**Date of birth** : 25 Nov. 1977

**Nationality** : Egyptian



**Current employer** : Assistant professor at Delta Higher Technological and Engineering Institute in El-Mansoura – Egypt.

Loaned to Al-Baha University – Faculty of Engineering – Civil Engineering department – Al-Akik – Al-baha – Kingdom of Saudi Arabia.

**Social status** : Married

**E-Mail Address** : [aelbarbary@bu.edu.sa](mailto:aelbarbary@bu.edu.sa)

**Mobile Number** : +966 55 4862312

## **EDUCATION**

- **B.Sc. 2000**, Civil Engineering, Higher Technological Institute 10th of Ramadan City, Egypt - (Accumulative rate of appreciation is very good with honor degree).
- **M.Sc. 2007**, Structural Engineering, thesis title “Behaviour of Biaxially Loaded Short Composite and Internally Reinforced Concrete Columns”, Faculty of Engineering; Cairo University.
- **Ph.D. 2015**, Reinforced Concrete Structures; thesis title “Performance of Steel Fibers Reinforced Concrete Deep Beams”, Faculty of Engineering (Shoubra branch); Benha University.
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**TEACHING EXPERIENCE**

***1. Higher Technological Institute (HTI), 10th of Ramadan City, Cairo, Egypt  
(2001-2007)***

*"All Courses are given in English According to Credit Hours System"*

- i. " Mechanics for Civil Engineer" (6 Semesters as demonstrator) (2001-2003)
- ii. " Civil Engineering Drawing" (6 Semesters as Demonstrator) - (2001-2003)
- iii. " Building Construction" (6 Semesters as Demonstrator) - (2001-2003)
  
- iv. "Reinforced Concrete Structures" (10 Semesters as Demonstrator & 2 Semesters as Lecturer Assistant) (2004-2007)
- v. " Design of Prestressed Concrete" (2 Semester as Lecturer Assistant) (2007)
- vi. " Repair and Strengthening of Reinforced Concrete Members" (3 Semesters as Demonstrator/Lecturer Assistant) (2005-2007)
- vii. " Structural Analysis" (2 Semesters as Lecturer Assistant) (2000-2006)
- viii. " AutoCAD; a Diploma Project Course" (4 Semesters as Demonstrator) (2004-2006)
- ix. Graduate Project "Design of Reinforced Concrete Buildings" (3 Semesters as Demonstrator) (2003-2006)

***2. Benha Higher Technological Institute -Benha University, Egypt  
(Part time2001-2003)***

*"All Courses are given in English According to Subjects System"*

- i. " Structural Analysis" (4 Semesters as Demonstrator) (2001-2003)
- ii. " Structural Analysis using SAP Computer Program" (4 Semesters as Demonstrator) (2001-2003)

***3. Misr Higher Technological and Engineering Institute in El-Mansoura, Egypt  
(2007-2015).***

*"All Courses are given in English According to Subjects System"*

- i. " Properties and Testing of Materials" (4 Semesters as Lecturer Assistant) (2007-2009)
- ii. "Reinforced Concrete Structures" (10 Semesters as Lecturer Assistant) (2007-2015)
- iii. " Structural Analysis" (8 Semesters as Lecturer Assistant) (2009-2015)

**4. Delta Higher Technological and Engineering Institute in El-Mansoura, Egypt (2015-2020).**

*"All Courses are given in English According to Subjects System"*

- i. " Design of Reinforced Concrete I " (12 Semesters as Lecturer) -
- ii. " Design of Reinforced Concrete II" - (12 Semesters as Lecturer)
- iii. " Design of Reinforced Concrete III" - (4 Semesters as Lecturer)
- iv. " High Rise Building "- (4 Semesters as Lecturer)
- v. " Solid Mechanics" - (4 Semesters as Lecturer)
- vi. "Graduate Project" - (Design of Reinforced Concrete Buildings)  
(4 Semesters as Demonstrator)
- vii. " Cost Estimation & Quantities & Tenders "- (4 Semesters as Lecturer)

**5. Tanta Higher Technological and Engineering Institute, Egypt (2015-2019).**

- i. " Design of Reinforced Concrete I " (4 Semesters as Lecturer)
- ii. " Project Management " (4 Semesters as Lecturer)
- iii. " Construction Engineering" (4 Semesters as Lecturer)
- iv. "Construction Finance" (4 Semesters as Lecturer)
- v. "Repair & Strengthening of Structures" (4 Semesters as Lecturer)
- vi. " Quantities of Building Techniques " (4 Semesters as Lecturer)
- vii. " Design of Steel Structures I" (4 Semesters as Lecturer)
- viii. " Design of Steel Structures II" (4 Semesters as Lecturer)
- ix. "Graduation Projects' [ Repair and Strengthening + Reinforced Concrete ]  
(4 Semesters as Lecturer)

**6. Al-Baha University – Faculty of Engineering – Civil Eng. department , KSA  
(2020- Till now).**

" Construction Engineering" (1 Semester as Lecturer)

" Engineering Statistics" (1 Semester as Lecturer)

" Reinforced Concrete Structures Design " for Arch. Department (2 Semester as Lecturer)

"Design of Reinforced Concrete Water Tanks" (1 Semester as Lecturer)

" Engineering Drawing using AutoCAD Program" (1 Semester as Lecturer)

"Graduate Project" - (Design of Reinforced Concrete Structures)

**Scientific production:**

1. El-Barbary, A.A., Elmihilmy, M.T. and El-Tahan, W.W. (2011), "Experimental Tests on Short Composite and Internally Reinforced Concrete Columns", International Journal of Structural Engineering, Vol. 2, No. 1, pp.35–49.
2. Beshara, F. B. A., Mahmoud, A. A., El-Barbary, A.A., (2015), “Experimental Behavior of Steel Fiber Reinforced Concrete Deep Beams”, Engineering Research Journal, Faculty of Engineering at Shoubra, Benha University, ISSN: 1687–1340, Vol. 26, October 2015, pp. 104-115.
3. El-barbary, A.; Beshara, F.; Mahmoud, A. STATE OF ART—High strength Steel Fiber Reinforced Concrete Deep Beams. In Performance of Steel Fibers Reinforced Concrete Deep Beam; Repository of Benha University: Benha, Egypt, 2015; pp. 9–96.
4. Ahmed Elbarbary; Basem Osami Rageh, (2019), "RETROFITTING OF REINFORCED CONCRETE BEAMS USING FIBROUS CONCRETE JACKET", Conference: AISCGE-10 , Alexandria University , Faculty of Engineering, 2019; pp.737-751.
5. Basem Osami Rageh; Ahmed Elbarbary, (2019), " Simplified Approach to Assess the Dynamic Deformation Response of RC Flat Slab Due To Sudden Column Loss", Conference: AISCGE-10 , Alexandria University , Faculty of Engineering, 2019; pp.1007-1015.

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**Researchgate Web-Site:** [https://www.researchgate.net/profile/Ahmed\\_Elbarbary3](https://www.researchgate.net/profile/Ahmed_Elbarbary3)  
Current RG Score: 3.56

## **Supervisions on Thesis:**

- Ph.D. Thesis of Eng. M. Wahadan, El-Mansoura University, 2016,  
"High Strength Self-Compacting Concrete for Hollow Core Slabs".
- Msc. Thesis of Eng. M. Naser, Ain Shams University, 2016,  
"Performance of Steel-Fiber Reinforced Concrete Corbels".
- Msc. Thesis of Eng. N. El-Bendary, El-Minofia University, 2016,  
"Marble Dust as an Admixre of Concrete Mix Applications".

## **Software skills:**

Ansys	Sap2000
Csi column	Etabs
Safe	Autocad