Curriculum Vitae (CV)

Full Name Manal Kamal Zaki

Personal Information:

Academic Rank: Assistant Professor

Department: Civil Engineering

Specialization: Structural Engineering

Position: Assistant Professor

Email manal.zaki@hti.edu.eg

Mobile/WhatsApp: +20/1226931662

Education:

Degree	Discipline	Institution	Year
Ph.D.	Structural Engineering	CAIRO UNIVERSITY	2001
M.Sc.	Structural Engineering	CAIRO UNIVERSITY	1993
B.Sc.	Structural Engineering	CAIRO UNIVERSITY	1987

Academic Experience:

Institution: **Higher Technological Institute**

Rank: **Assistant Professor**

Dates: **2014 - Current**

Institution: CAIRO UNIVERSITY

Rank: **Research Assistant (PhD student)**

Dates: **1997-2001**

Institution: **Higher Technological Institute**

Rank: **Mandated as Teaching Assistant**

Dates: **2001-2014**

Research interests:

- Concrete members strengthened with FRP

Publications:

- Paper Title Analysis of Composite Columns Under Biaxial Bending
  Journal Journal of Engineering and applied Science,
  Faculty of Engineering, Cairo University
  Issued in Vol. 5,No. 50, Oct.2003
- Paper Title Finite Element Analysis of FRP Encased Beam Columns,
  Journal Journal of Faculty of Engineering,
  Faculty of Engineering, Ain Shams University
  Issued in Vol. 57, No. 2, Dec., 2007.
- Title Behavior of FRP Strapped Beam-Columns
  Journal Journal of Engineering and applied Science,
  Faculty of Engineering, Cairo University
  Issued in Vol. 57, No. 1, Feb., 2010.
- Paper Title Performance of RC Beams Strengthened with FRP
  Journal Journal of Engineering and applied Science,
  Faculty of Engineering, Cairo University
  Issued in Vol. 57, No. 2, April, 2010.
- Paper Title Design of Slender Circular Composite Beam-Columns,
  Journal Journal of Faculty of Engineering,
  Faculty of Engineering, Ain Shams University
  Issued in 2011.

- Paper Title Investigation of FRP Strengthened Circular Columns Under Biaxial Bending

  Journal Engineering Structures

  Issued in Vol. 33, No. 5, May., 2011.pp. 1666-1679

- Paper Title Optimal performance of FRP Strengthened concrete Columns Under combined axial-flexural loading

  Journal Engineering Structures

  Issued in Vol. 46, No., Jan., 2013.pp. 14-27.

- Book Chapter 7. The link below.

http://www.intechopen.com/books/fiber-reinforced-polymers-the-technology-applied-for- concrete-repair/analysis-of-nonlinear-composite-members-including-bond-slip

Journal InTech, edited by Martin Alberto.

Issued in ISBN 978-953-51-0938-9, Jan. 23, 2013.

Certifications or Professional Registrations:

Honors and Awards:

- Awards from Sabbour Assosiates
- -

Teaching Experience:

Teaching in Higher Technological Institute since 2001

Courses taught

- Structural Analysis and Mechanics for Civil Department
- Analysis of statically determinate and indeterminate structures
- Stiffness method
- Civil Engineering Drawing (Steel and Bridges)
- Programming for Civil Department